
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

SCHEDULE 14A

**Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934
(Amendment No.)**

Filed by the Registrant

Filed by a party other than the Registrant

Check the appropriate box:

Preliminary Proxy Statement

Confidential, for use of the Commission Only (as permitted by Rule 14a-6(e)(2))

Definitive Proxy Statement

Definitive Additional Materials

Soliciting Material Pursuant to §240.14a-12

Oragenics, Inc.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

No Fee Required

Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11.

- (1) Title of each class of securities to which transaction applies:
- (2) Aggregate number of securities to which transaction applies:
- (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
- (4) Proposed maximum aggregate value of transaction:
- (5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

- (1) Amount Previously Paid:
- (2) Form Schedule or Registration Statement No.:
- (3) Filing Party:
- (4) Date Filed:



4902 Eisenhower Blvd., Suite 125
Tampa, Florida 33634
May [], 2021

Dear Fellow Shareholders:

You are cordially invited to attend the Annual Meeting of Shareholders of Oragenics, Inc., which will be held on June 30, 2021, beginning at 9:00 a.m., Eastern Time. The meeting will be held at the offices of Shumaker, Loop, & Kendrick, Bank of America Plaza, 101 E Kennedy Blvd., Suite 2800, Tampa, FL 33602. The purpose of the meeting is to consider and vote upon the proposals explained in the accompanying Notice of Annual Meeting of Shareholders and the Proxy Statement.

A formal notice describing the business to come before the meeting, a proxy statement and a proxy card are enclosed. We have also enclosed our 2020 Annual Report on Form 10-K for your review, which contains detailed information concerning our financial performance and activities during 2020.

It is important that your shares be represented at the Annual Meeting of Shareholders. Whether or not you plan to attend the annual meeting in person, please vote your shares by completing, signing and dating the enclosed proxy card, and returning it in the enclosed, postage-paid envelope. If you later decide to attend the annual meeting and vote in person, or if you wish to revoke your proxy for any reason before the vote at the annual meeting, you may do so and your proxy will have no further effect.

Sincerely,

Mike Sullivan
Interim Principal Executive Officer and Chief Financial Officer

Enclosures

ORAGENICS, INC.

**4902 Eisenhower Blvd., Suite 125
Tampa, Florida 33634**

**NOTICE OF ANNUAL MEETING OF SHAREHOLDERS
TO BE HELD ON JUNE 30, 2021**

Notice is hereby given to the shareholders of Oragenics, Inc., a Florida Corporation (the "Company") that the 2020 Annual Meeting of Shareholders of the Company (including any postponements or adjournments thereof, the "Annual Meeting") will be held at the offices of Shumaker, Loop, & Kendrick, Bank of America Plaza, 101 E Kennedy Blvd., Suite 2800, Tampa, FL 33602 on June 30, 2021, at 9:00 a.m., Eastern Time, for the following purposes:

- (i) To elect five (5) Directors of the Company to serve until the next Annual Meeting of Shareholders;
- (ii) To conduct a non-binding advisory vote on executive compensation;
- (iii) To approve the adoption of an amendment to our Amended and Restated Articles of Incorporation which will increase the number of authorized shares of our Common Stock from 200,000,000 shares of Common Stock to 250,000,000 shares of Common Stock;
- (iv) To approve the Company's 2021 Equity Incentive Plan;
- (v) To ratify the selection of Mayer Hoffman McCann P.C. as the Company's independent auditors for the year ending December 31, 2021; and
- (vi) To transact such other business as may properly come before the Annual Meeting.

All shareholders are cordially invited to attend the Annual Meeting of Shareholders. Information relating to the Annual Meeting of Shareholders and matters to be considered and voted upon at the Annual Meeting of Shareholders are set forth in the attached Proxy Statement.

Only those shareholders of record at the close of business on May 5, 2021, are entitled to notice of and to vote at the Annual Meeting of Shareholders. A complete list of shareholders entitled to vote at the Annual Meeting of Shareholders will be available for examination by any shareholder at the Annual Meeting of Shareholders and for a period of ten days prior thereto at the executive offices of the Company in Tampa, Florida.

BY ORDER OF THE BOARD OF DIRECTORS,

Tampa, Florida
May [], 2021

MICHAEL SULLIVAN
Secretary

WHETHER OR NOT YOU EXPECT TO ATTEND THE ANNUAL MEETING, PLEASE VOTE, SIGN, DATE, AND RETURN THE ENCLOSED PROXY PROMPTLY IN THE ENCLOSED BUSINESS REPLY ENVELOPE. IF YOU ATTEND THE ANNUAL MEETING YOU MAY, IF YOU WISH, WITHDRAW YOUR PROXY APPOINTMENT AND VOTE IN PERSON.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE SHAREHOLDERS MEETING TO BE HELD ON JUNE 30, 2021.

This Proxy Statement and our 2020 Annual Report on Form 10-K for the year ended December 31, 2020, which was filed on March 1, 2021, with the Securities and Exchange Commission, except for exhibits, are available at: <https://ir.oragenics.com/annual-reports>

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**ORAGENICS, INC.
PROXY STATEMENT
FOR HOLDERS OF COMMON STOCK
FOR ANNUAL MEETING OF SHAREHOLDERS
TO BE HELD ON JUNE 30, 2021**

INFORMATION CONCERNING SOLICITATION AND VOTING

General

This Proxy Statement is furnished to shareholders, of Oragenics, Inc., a Florida corporation (the “Company”), in connection with the solicitation of proxies by the Company’s Board of Directors from shareholders for use at the 2020 Annual Meeting of Shareholders to be held at 9:00 a.m. Eastern Time at the offices of Shumaker, Loop, & Kendrick, Bank of America Plaza, 101 E Kennedy Blvd Suite 2800, Tampa, FL 33602 on June 30, 2021 (including any postponements or adjournments thereof, the “Annual Meeting”).

The Annual Meeting will be held for the following purposes:

- (i) To elect five (5) Directors of the Company to serve until the next Annual Meeting of Shareholders;
- (ii) To conduct a non-binding advisory vote on executive compensation;
- (iii) To approve the adoption of an amendment to our Amended and Restated Articles of Incorporation which will increase the number of authorized shares of our Common Stock from 200,000,000 shares of Common Stock to 250,000,000 shares of Common Stock;
- (iv) To approve the Company’s 2021 Equity Incentive Plan;
- (v) To ratify the selection of Mayer Hoffman McCann P.C. as the Company’s independent auditors for the year ending December 31, 2021; and
- (vi) To transact such other business as may properly come before the Annual Meeting.

This Proxy Statement and the accompanying Proxy are first being mailed to shareholders of the Company on or about May [], 2021.

Record Date and Voting Securities

Only shareholders of record of the Company at the close of business on May 5, 2021 (the “Record Date”) will be entitled to notice of, and to vote at, the Annual Meeting of Shareholders. On the Record Date, there were [] shares of common stock issued and outstanding (“Common Stock”). Each share of Common Stock is entitled to one vote for each share of Common Stock held. In addition, on the Record Date we had the following shares of Preferred Stock outstanding:

- 9,417,000 shares of Series A Non-Voting, Convertible Preferred Stock, convertible into 941,700 shares of Common Stock; and
- 6,600,000 shares of Series B Non-Voting, Convertible Preferred Stock convertible into 1,320,000 shares of Common Stock; and

Notwithstanding the Record Date specified above, the Company’s stock transfer books will not be closed and shares may be transferred subsequent to the Record Date. However, all votes must be cast in the names of shareholders of record on the Record Date.

Quorum Requirement

The holders of record of a majority of the votes of Common Stock entitled to be voted at the Annual Meeting of Shareholders, present in person or by proxy, are required to establish a quorum for the Annual Meeting and for voting on each matter. A broker non-vote is when a brokerage firm or bank holding shares of record for their customers in street name does not receive specific instructions from their customers, as the beneficial owners, and the brokerage firm or bank advises that it lacks discretionary voting authority on a particular proposal and has not received instructions from the beneficial owner.

Vote Required

PROPOSAL I: Election of Directors. The election of five Directors by the holders of Common Stock will require a plurality of the votes cast by the shares of Common Stock represented and entitled to vote in the election at the Annual Meeting of Shareholders. With respect to the election of Directors, shareholders may (i) vote “for” each of the nominees, (ii) withhold authority for each of such nominees, or (iii) withhold authority for specific nominees but vote for the other nominees. Because the Directors are elected by a plurality of the votes cast by the shares represented and entitled to vote and are running unopposed, any nominee can be elected upon any affirmative vote

regardless of whether such nominee receives more than 50% of the shareholder vote. Votes that are withheld or a broker non-vote will have no effect on the outcome of the election of Directors.

PROPOSAL II: To conduct an advisory vote on executive compensation. The proposal regarding the approval, on an advisory basis, of the Company's executive compensation requires the affirmative vote of a majority of the shares of Common Stock of the Company present in person or represented by proxy and entitled to vote at the Annual Meeting of Shareholders. Broker non-votes will have no effect on the outcome of the proposal. Abstentions have the same effect as votes against the proposal

PROPOSAL III: To approve the adoption of an amendment to Company's Articles of Incorporation to increase the number of authorized shares of Common Stock from 200 million shares to 250 million shares. Approval requires the affirmative vote of a majority of the shares of Common Stock of the Company present in person or represented by proxy and entitled to vote at the Annual Meeting for approval of the plan amendment. With respect to this proposal, shareholders may (i) vote "for" the proposal, (ii) vote "against" the proposal, or (iii) abstain from voting. Broker non-votes will have no effect on the outcome of the proposal. Abstentions have the same effect as votes against the proposal.

PROPOSAL IV: To approve the Company's 2021 Equity Incentive Plan. Approval requires the affirmative vote of a majority of the shares of Common Stock of the Company present in person or represented by proxy and entitled to vote at the Annual Meeting for approval of the 2021 Plan. With respect to this proposal, shareholders may (i) vote "for" the proposal, (ii) vote "against" the proposal, or (iii) abstain from voting. Broker non-votes will have no effect on the outcome of the proposal. Abstentions have the same effect as votes against the proposal.

PROPOSAL V: Ratification of the selection of Mayer Hoffman McCann P.C. as the Company's independent auditors for the year ending December 31, 2021. Approval requires the affirmative vote of a majority of the shares of Common Stock present in person or represented by proxy and entitled to vote at the meeting and entitled to vote on the proposal. Abstentions will not be counted in the ratification of the selection of independent auditors and will have no effect on the outcome of the selection of the independent auditors. The ratification of accountants is a routine proposal on which a broker or other nominee is generally empowered to vote in the absence of voting instructions from the beneficial owner, so broker non-votes are unlikely to result from this proposal.

Recommendation of the Board of Directors

The Board unanimously recommends that you vote your shares:

- "FOR" the nominees listed in Proposal I below;
- "FOR" the approval, on an advisory basis, of the compensation of our named executive officers as disclosed in this Proxy Statement,
- "FOR" the approval of the adoption of an amendment to Company's Articles of Incorporation to increase the number of authorized shares of Common Stock from 200 million to 250 million;
- "FOR" the approval of the Company's 2021 Equity Incentive Plan; and
- "FOR" the ratification the selection of Mayer Hoffman McCann P.C. as the Company's independent auditors for the year ending December 31, 2021.

Voting

All shares entitled to vote and represented by properly executed proxies received prior to the Annual Meeting of Shareholders, and not revoked, will be voted at the annual meeting in accordance with the instructions indicated. If you submit a proxy and do not make voting selections, the shares represented by that proxy will be voted as recommended by the Board. If any other matters are properly presented for consideration at the Annual Meeting of Shareholders, including, among other things, consideration of a motion to adjourn the annual meeting to another time or place (including, without limitation, for the purpose of soliciting additional proxies), the persons named as proxies and acting thereunder will have discretion to vote on those matters in accordance with their best judgment. To the extent permitted by Rule 14a-4(c) of the Securities and Exchange Commission, the persons named as proxies on the proxy cards will have discretionary authority to vote in their judgment on any proposals properly presented by shareholders for consideration at the Annual Meeting of Shareholders that were not submitted to the Company within a reasonable time prior to the mailing of these proxy materials. At the time this proxy statement was mailed, we were unaware of any matters proposed to be acted on at the Annual Meeting of Shareholders other than those discussed in this proxy statement.

Shareholders of record — If your shares are registered directly in your name with Oragenics' transfer agent, Continental Stock Transfer & Trust Company, you are considered, with respect to those shares, the shareholder of record, and the proxy materials and Annual Report have been sent directly to you. As a shareholder of record, you may instruct the proxy holders how to vote your shares by completing, signing, dating and returning the proxy card in the postage pre-paid envelope provided. Proxy cards submitted by mail must be received by the time of the Annual Meeting of Shareholders in order for your shares to be voted. If you sign and return a proxy card without giving specific voting instructions, your shares will be voted as recommended by our Board. You may also vote by proxy via telephone by calling Advantage Proxy Toll Free: 1-877-870-8565 and Outside North America: 1-206-870-8565.

If you attend the Annual Meeting of Shareholders, you may also submit your vote in person, and any previous votes that you submitted, will be superseded by the vote that you cast at the Annual Meeting of Shareholders. If you plan to attend the annual Meeting of Shareholders, please bring proof of identification for entrance to the Annual Meeting of Shareholders.

Beneficial owners — Many Oragenics shareholders hold their shares through a broker, trustee or other nominee, rather than directly in their own name. If your shares are held in a brokerage account or by a bank or another nominee, you are considered the "beneficial owner" of shares held in "street name," and the Annual Meeting of Shareholders proxy materials have been forwarded to you by your broker, trustee or nominee who is considered, with respect to those shares, the shareholder of record. As a beneficial owner, you have the right to direct your broker, trustee or other nominee on how to vote your shares, and you will receive instructions from them that you must follow in order to have your shares voted. The instructions from your broker, bank or other nominee will indicate if Internet and telephone voting are available, and if they are available, will provide details regarding Internet and telephone voting.

Because a beneficial owner is not the shareholder of record, you may not vote these shares in person at the Annual Meeting of Shareholders unless you obtain a "legal proxy" from the broker, trustee or nominee that holds your shares, giving you the right to vote the shares at the Annual Meeting of Shareholders.

Changing Vote; Revocability of Proxies

Subject to any rules your broker, trustee or nominee may have, you may change your proxy instructions at any time before your proxy is voted at the Annual Meeting of Shareholders.

Shareholders of record — If you are a shareholder of record, you may change your vote (1) by delivering to us (Attention: Corporate Secretary, 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634), prior to your shares being voted at the Annual Meeting of Shareholders, a later dated written notice of revocation or a duly executed proxy card, or (2) by attending the Annual Meeting of Shareholders and voting in person (although attendance at the Annual Meeting of Shareholders will not, by itself, revoke a proxy). A shareholder of record that has voted on the Internet or by telephone may also change his or her vote by subsequently making a timely and valid later Internet or

telephone vote.

Beneficial owners — If you are a beneficial owner of shares held in street name, you may change your vote (1) by submitting new voting instructions to your broker, trustee or nominee, or (2) if you have obtained a legal proxy from the broker, trustee or nominee that holds your shares giving you the right to vote the shares, by attending the Annual Meeting of Shareholders and voting in person.

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Effect of Not Casting Your Vote

Shareholders of record — If you are a shareholder of record and you do not cast your vote, no votes will be cast on your behalf on any of the items of business at the Annual Meeting of Shareholders.

Beneficial owners — If you hold your shares in street name, it is critical that you cast your vote if you want it to count in the election of Directors (Proposal I); to conduct a non-binding advisory vote on executive compensation (Proposal II), the approval of the adoption of an amendment to Company's Articles of Incorporation to increase the number of authorized shares of Common Stock from 200 million to 250 million (Proposal III), and the approval of the Company's 2021 Equity Incentive Plan (Proposal IV) since those are considered non-routine proposals under applicable NYSE American LLC ("NYSE American") rules. Under the rules, if you do not instruct your broker, bank or other nominee in a timely fashion how to vote your shares (so-called "broker non-votes") the broker or nominee can vote your shares as it sees fit only on matters that are determined to be routine, and not on any other proposal. The proposal for ratification of the auditors (Proposal V) is considered to be a routine proposal under NYSE American rules and your nominee can vote on such proposal even if it does not receive voting instructions from you. However, your nominee cannot vote on Proposal I, Proposal II, Proposal III or Proposal IV without your voting instructions. Please be sure to give specific voting instructions so that your vote can be counted.

Expenses of Solicitation

We will bear the entire cost of proxy solicitation, including preparation, assembly, printing and mailing of the Proxy Materials, the Notice, and any additional materials furnished to shareholders. Copies of proxy solicitation material will be furnished to brokerage houses, fiduciaries, and custodians holding shares in their names which are beneficially owned by others to forward to such beneficial owners. In addition, we may reimburse such persons for their cost of forwarding the solicitation material to such beneficial owners. We have retained Advantage Proxy to assist in the distribution of proxy materials and the solicitation of votes by mail, facsimile or email from brokerage firms, banks, broker-dealers or other similar organizations for the Annual Meeting for a fee of \$12,500, plus additional fees based on the amount and types of services rendered and reimbursement of reasonable expenses. If you have any questions or need assistance in voting your proxy, please contact Advantage Proxy at the number or email address listed below. Advantage Proxy 24925 13th Place South Des Moines, WA 98198 Telephone: Toll Free: 1-877-870-8565 and Outside North America: 1-206-870-8565 Email: ksmith@advantageproxy.com. Solicitation of proxies by mail may also be supplemented by one or more of telephone, email, telegram, facsimile, or personal solicitation by our Directors, officers, or regular employees. No additional compensation will be paid for such services.

Shareholder Proposals to Be Presented at Next Annual Meeting of Shareholders

Requirements for shareholder proposals to be considered for inclusion in Oragenics' proxy materials. Shareholders interested in submitting a proper proposal for inclusion in the proxy materials for our next annual meeting may do so by submitting such proposal in writing to our offices located at 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634, Attn: Corporate Secretary. To be eligible for inclusion, shareholder proposals must be received by us not less than 120 days before the one year anniversary on which Oragenics' first mailed its proxy statement to shareholders in connection with the previous year's annual meeting of shareholders, which will be January 24, 2022 for the next annual meeting, and must otherwise comply with the requirements of Rule 14a-8 under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), provided, however, that in the event that the date of the annual meeting has been changed more than 30 days from the one year anniversary of the date of the previous year's meeting, then the deadline for receipt of notice by the shareholder is within a reasonable time before the Company begins to print and send its proxy materials in order to be eligible for inclusion in the Company's Proxy Statement and Proxy relating to that meeting.

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Requirements for shareholder business or nominations to be brought before Oragenics' annual meetings. Our bylaws do not establish an advance notice procedure for shareholders who wish to present certain matters, including nominations of persons for election to the Board and shareholder proposals not included in our proxy statement, to be brought before an annual meeting of shareholders. Shareholder proposals, including the nomination of a person for election to the Board, brought before the meeting should consider including, among other things: information as follows: (i) a description of the business desired to be brought before the meeting and the reasons for conducting the business at the meeting, (ii) the name and address, as they appear on the Company's books, of the shareholder submitting the proposal, (iii) the number of shares that are beneficially owned by such shareholder, (iv) the dates on which the shareholder acquired the shares, (v) documentary support for any claim of beneficial ownership, (vi) any material interest of the shareholder in the proposal, (vii) a statement in support of the proposal, and (viii) any other information that may be required by applicable rules and regulations of the Commission.

Shareholders may also submit a recommendation (as opposed to a formal nomination) for a candidate for membership on our Board by following the procedures set forth in "Corporate Governance — Meetings of the Board of Directors — Shareholder Recommendation of Nominees."

Delivery of Proxy Materials to Shareholders

If you share an address with another shareholder, each shareholder may not receive a separate copy of the Notice or Proxy Materials. Shareholders may request to receive a separate copy of the Notice or Proxy Materials, by writing to Oragenics, Inc., 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634, Attention: Corporate Secretary or calling 813-286-7900. Alternatively, shareholders who share an address and receive multiple copies of the Notice or Proxy Materials may request to receive a single copy by following the same instructions.

You may also request additional copies from our proxy solicitor, Advantage Proxy, using the following contact information 24925 13th Place South Des Moines, WA 98198 Telephone: Toll Free: 1-877-870-8565 and Outside North America: 1-206-870-8565 Email: ksmith@advantageproxy.com.

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PROPOSAL I ELECTION OF DIRECTORS

Nominees

The Board of Directors currently is comprised of five Board members including Dr. Frederick W. Telling, Robert C. Koski, Charles L. Pope, Dr. Alan Dunton and Kimberly M. Murphy. All of our existing Directors are nominated for re-election at the Annual Meeting of Shareholders. If elected, each of the Directors will hold office until the next annual meeting of shareholders and until their successor is elected and qualified, or as otherwise provided by the Company's Bylaws or by Florida law.

If any of the nominees should be unavailable to serve for any reason, the Board of Directors may:

- designate a substitute nominee, in which case the persons named as proxies will vote the shares represented by all valid Proxies for the election of such substitute nominee;
- allow the vacancy to remain open until a suitable candidate is located and nominated; or
- adopt a resolution to decrease the authorized number of Directors.

Vote Required and Board of Directors' Recommendation

THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS THAT THE SHAREHOLDERS VOTE FOR EACH DIRECTOR NOMINEE

If a choice is specified on the Proxy by the shareholder, the shares will be voted as specified. If no specification is made, the shares will be voted FOR the Director nominees. Election of each Director nominee will require the affirmative vote of a plurality of the votes cast by shares of Common Stock represented and entitled to vote at the Annual Meeting of Shareholders.

Information About Nominees

Information about each nominee as of June 30, 2021 is set forth below:

Name	Age	Position
Frederick W. Telling, Ph.D.	69	Executive Chairman and Director
Robert C. Koski	62	Director
Charles L. Pope	69	Director
Alan W. Dunton, M.D.	67	Director
Kimberly M. Murphy	58	Director

Directors of the Company

Dr. Frederick W. Telling. Dr. Telling was elected Chairman of the Board of Directors on February 4, 2011 and was appointed as Executive Chairman on May 2, 2021 in connection with the resignation of Dr. Joslyn, the Company's former President and Chief Executive Officer. Dr. Telling has served as a Director since June 2010. Dr. Telling retired from Pfizer Inc. in June 2007 after 30 years of service. At Pfizer Dr. Telling served as its Corporate Vice President and Vice President of Corporate Strategic Planning and Policy. Dr. Telling also serves on the boards of various civic and non-profit organizations. Dr. Telling holds a B.A. degree in History and Economics from Hamilton College and a MA degree in Industrial and Labor Relations and a PhD in Economics and Public Policy from Cornell University.

Dr. Telling brings to our Board an extensive array of business and industry experience as well as experience as a director of public companies.

Robert C. Koski. Mr. Koski has served as a Director since June 2009. Mr. Koski has practiced as an attorney with the Koski Firm, a sole proprietorship located in Atlanta, Georgia since 1992, where his practice includes litigation and tax law. Mr. Koski has also served as a partner in the Koski Family Limited Partnership, which beneficially owns an interest in the Company, and as a director of the Koski Family Foundation since December 1996. Mr. Koski holds a B.A. degree in Philosophy and English from Colgate University, a JD from Emory School of Law and an LLM degree in Taxation and Litigation from Emory University.

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Mr. Koski brings to our Board over two decades of experience in the legal field as a practicing attorney. In addition to his legal experience, Mr. Koski's educational background provides a foundation for leadership and consensus-building.

Charles L. Pope. Mr. Pope has served as a Director since June 2010. Mr. Pope served as the Chief Financial Officer of Palm Bancorp, Inc. from June 2009 to June 2012. From September 2007 through June 2009, Mr. Pope served as the Chief Financial Officer of Aerosonic Inc., a manufacturer of aviation products. Mr. Pope served as the Chief Financial Officer of Reptron Inc., a manufacturer of electronic products, from March 2005 through June 2007. From March 2002 to March 2005, Mr. Pope served as Chief Financial Officer of SRI/Surgical Express, Inc. From February 2001 to March 2002, Mr. Pope served as Chief Financial Officer of Innovaro, Inc. (formerly UTEK Corporation NYSE AMERICAN: INV) a public company. Mr. Pope served as a director of Innovaro, Inc. from March 2010 to August 2012. Mr. Pope also served as a Director of Inuvo, Inc. from July 2008 through July 2018. Prior to this time, Mr. Pope served as a Partner in the Audit and Financial Advisory Consulting Divisions of PricewaterhouseCoopers LLP, and he was also a Partner in the Accounting and SEC Directorate in PricewaterhouseCoopers LLP's New York City office. Mr. Pope holds a B.S. degree in Economics and Accounting from Auburn University and is a Certified Public Accountant in Florida.

Mr. Pope brings to our Board over three decades of experience in the finance and accounting fields. In addition, Mr. Pope also has experience serving as a Director of public companies.

Dr. Alan W. Dunton. Dr. Dunton has served as a Director of Oragenics, Inc. since April 2011. He is the principal owner of Danerius, LLC, a biotechnology consulting company which he founded in 2006. In addition to Oragenics, he is currently a Director of the public biotechnology company, Palatin, Inc. (AMEX: PTN), CorMedix (NASDAQ: CRMD) and Recce, LTD. (ASX: RCE). He previously served as a Director of Sancilio and Company, MediciNova and Targacept, Inc. Dr. Dunton is also a member of the Board of Directors of CorMedix, Inc. (CRMD), a publicly traded biotechnology company in Berkeley Heights, New Jersey since March 2019. Dr. Dunton has held significant senior positions in major pharmaceutical companies. Most recent was from November 2015 through March 2018 as the Senior Vice President of Research, Development and Regulatory Affairs of Purdue Pharma L.P., a private pharmaceutical company. From January 2007 until March 2009, Dr. Dunton served as President and Chief Executive Officer of Panacos Pharmaceuticals, Inc. He was the non-Executive Chairman and Director of EpiCept, Inc. (OTC MKTS: EPCT) a public biotechnology company developing products for cancer, pain and inflammatory conditions. In 2005, Dr. Dunton served as the Non-Executive Chairman of the Board of Directors of ActivBiotics, Inc., a private biopharmaceutical company. Previously, he was the President and Chief Executive Officer of Metaphore Pharmaceuticals, Inc. from 2003 until 2006, when it merged with ActivBiotics. From 2004 until 2005, Dr. Dunton served as a member of the board of directors of Vicuron Pharmaceuticals until it was acquired by Pfizer, Inc. In 2002, Dr. Dunton served as President, Chief Operating Officer and a director of Emisphere Technologies, Inc., a biopharmaceutical company. From 1994 to 2001, Dr. Dunton was a senior executive in various capacities in the Pharmaceuticals Group of Johnson & Johnson. From 1999 to 2001, Dr. Dunton was President and Managing Director of The Janssen Research Foundation, a Johnson & Johnson company. From 1998 to 1999, he served as Group Vice President of Global Clinical Research and Development of Janssen. Prior to joining Janssen, Dr. Dunton was Vice President of Global Clinical Research and Development at the R.W. Johnson Pharmaceutical Research Institute, also a Johnson & Johnson company. Prior to joining Johnson & Johnson, Dr. Dunton held positions in clinical research and development at Syntex Corporation, CIBA-GEIGY Corporation and Hoffmann La Roche Inc. Dr. Dunton holds a MD degree from New York University School of Medicine, where he completed his residency in internal medicine. He also was a Fellow in Clinical Pharmacology at the New York Hospital/Cornell University Medical Center.

Dr. Dunton brings to our Board a significant depth of experience in the pharmaceutical industry that will be invaluable to the Company as we continue to develop biotechnology assets.

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Kimberly M. Murphy. Ms. Murphy has served as a director since May 2020. Before joining the Company, Ms. Murphy served as Vice President of the Influenza Franchise and Global Vaccine Commercialization Leader at GlaxoSmithKline plc (NYSE: GSK) (“GSK”), where she led the global influenza vaccines business, global pandemic preparedness across vaccines and antivirals, lifecycle management, business development, and global P&L management. Ms. Murphy currently serves as a director for Blue Water Acquisition Corp. (NASDAQ: BLUW). Ms. Murphy also served as Vice President and Global Marketing Head for the shingles vaccine, SHINGRIX. From June 2014 to May 2015, Ms. Murphy was Vice President and Lead for the North America Vaccines Integration Planning Team, responsible for the integration planning of GSK’s acquisition of Novartis AG’s vaccine division. From October 2012 to June 2014, Ms. Murphy served as Vice President of U.S. Vaccines Customer Strategy and from March 2011 to October 2012, she served as the Senior Director of U.S. Influenza Portfolio Strategy. Prior to joining GSK in March 2011, Ms. Murphy worked for Novartis Vaccines and Diagnostics Inc., a division of Novartis AG (NYSE: NVS), as the head of the U.S. Meningococcal Franchise. Before working for Novartis, Ms. Murphy enjoyed a distinguished career at Merck & Co., Inc. (NYSE: MRK). Ms. Murphy has previously served in board and advisory roles for a privately-held vaccine development company, the Biotechnology Industry Organization, the Biodefense Advisory Council, and the Saint Joseph’s University Pharmaceutical & Healthcare Marketing MBA Program. Ms. Murphy holds a B.A. degree in English from Old Dominion University and a M.B.A. degree in Marketing from Saint Joseph’s University. Ms. Murphy has also completed the Marketing Excellence Program at the Wharton School of the University of Pennsylvania.

Ms. Murphy brings to the Company’s Board a wealth of experience in the commercialization and marketing of development-stage vaccine candidates, particularly those created by public companies. Ms. Murphy’s skill will be vital to the Company’s development of a vaccine candidate for SARS-CoV-2.

See “Corporate Governance” below for additional information regarding the Board.

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PROPOSAL II ADVISORY VOTE ON EXECUTIVE COMPENSATION

Summary

As provided in the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (“Dodd-Frank Act”) and as required by Section 14A of the Exchange Act, we provided our shareholders the opportunity to advise our Compensation Committee and Board of Directors regarding the compensation of our named executive officers as described in our proxy statement pursuant to the compensation disclosure rules of the Securities and Exchange Commission (“say on pay”). Our shareholders also were asked to indicate how frequently we should seek a “say on pay” advisory vote. The shareholders were able to indicate whether they would prefer an advisory vote on named executive officer compensation once every one, two, or three years. In 2019, our shareholders voted in favor of holding the advisory votes on executive compensation every year, and the Company adopted this standard. Therefore, we provide our shareholders the opportunity to advise our Compensation Committee and Board of Directors regarding the compensation of our named executive officers as described in this Proxy Statement.

As described under the heading “Executive Compensation – Compensation Discussion and Analysis,” our executive compensation programs are designed to attract and retain highly qualified leadership personnel, providing them attractive long-term career opportunities. Our compensation philosophy is to provide executives with a competitive total compensation package which motivates superior job performance, the achievement of our business objectives, and the enhancement of shareholder value. Rather than basing compensation on a series of specific performance objectives, we encourage initiative, teamwork and innovation, and each executive is enabled to use his or her abilities and particular area of responsibility to strengthen our overall performance. Please read the “Compensation Discussion and Analysis” of this Proxy Statement for a detailed description and analysis of our executive compensation programs, including information about the fiscal year 2020 compensation of our named executive officers.

It is the philosophy of the Board of Directors to align the interests of our executive officers and shareholders by integrating the executives’ compensation opportunities with our long-term corporate strategic and financial objectives. Our general approach to compensating executive officers is to pay cash salaries which generally are competitive within ranges of salaries paid to executives of other healthcare companies, particularly those of similar size and stage of development. Our compensation committee sets overall compensation at a level it believes to be fair, based upon a subjective analysis of the individual executive’s experience and past and potential contributions to us.

We are asking our shareholders to indicate their support for our named executive officer compensation as described in this Proxy Statement. This proposal, commonly known as a “say-on-pay” proposal, gives our shareholders the opportunity to express their views on our named executive officers’ compensation. This vote is not intended to address any specific item of compensation, but rather the overall compensation of our named executive officers and the philosophy, policies and practices described in this proxy statement. We will ask our shareholders to vote “FOR” the following resolution at the Annual Meeting of Shareholders.

“**RESOLVED**, that the shareholders approve, on an advisory basis, the compensation of the Company’s named executive officers, as disclosed in the Compensation Discussion and Analysis section, the tabular disclosure regarding such compensation and the accompanying narrative disclosure set forth in the Company’s 2020 Proxy Statement.”

This say-on-pay vote is advisory, and therefore not binding on the Company, the Compensation Committee or our Board. Our Board and our Compensation Committee value the opinions of our shareholders and to the extent there is any significant vote against the named executive officer compensation as disclosed in this proxy statement, we will consider the outcome of the vote when making future executive compensation decisions.

**THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE “FOR” THE
APPROVAL OF PROPOSAL II, ON AN ADVISORY BASIS, OF THE COMPENSATION OF OUR NAMED EXECUTIVE OFFICERS AS DESCRIBED IN THIS
PROXY STATEMENT.**

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PROPOSAL III APPROVAL TO AMEND THE AMENDED AND RESTATED ARTICLES OF INCORPORATION OF ORAGENICS, INC. TO INCREASE NUMBER OF AUTHORIZED SHARES OF COMMON STOCK

Summary

We are proposing to amend our Amended and Restated Articles of Incorporation to increase our authorized Common Stock from 200,000,000 shares to 250,000,000 shares (the “Amendment”). The Board of Directors has approved the Amendment and recommends approval and adoption by the shareholders.

Purpose and Effect of the Amendment

The Board of Directors is recommending the proposed Amendment to increase the number of authorized shares of Common Stock to give the Company the ability and flexibility to issue shares of Common Stock for future corporate needs without the expense and delay associated with a special shareholders’ meeting, except where shareholder approval is required by applicable law. The Board of Directors believes that additional authorized shares of Common Stock would give the Company the necessary ability and flexibility to issue shares for various corporate purposes, including, but not limited to, capital-raising or financing transactions, potential strategic transactions, including

mergers, acquisitions, and other business combinations; grants and awards under equity compensation plans; stock splits and dividends; and other general corporate purpose transactions. As a general matter, the Company would be able to issue the additional authorized shares of Common Stock in its discretion from time to time, subject to and as limited by, rules or listing requirements of the NYSE American or any other then applicable securities exchange, and without further action or approval of the Company's shareholders. The discretion of the Board of Directors, however, would be subject to any other applicable rules and regulations in the case of any particular issuance or reservation for issuance that might require the Company's shareholders to approve such transaction. We currently have 250,000,000 shares of authorized capital stock consisting of 200,000,000 shares of Common Stock with a par value of \$0.001 and 50,000,000 shares of preferred stock with no par value. As of May [], 2021, there were 115,638,266 shares of the 200,000,000 authorized common shares issued and outstanding and 2,261,703 of our authorized preferred stock issued and outstanding, on an as-converted basis. We also have 8,009,250 shares reserved for our stock option and incentive plan and 18,040,572 shares reserved for outstanding warrants. By approving the Amendment, you are voting to increase our authorized capital stock by an additional 50,000,000, shares for total authorized capital stock of 300,000,000 shares. The Board of Directors does not intend to issue any shares except on terms that it considers to be in the best interests of the Company and its shareholders. We also have a shelf registration statement to sell up to \$9,667,316 remaining and with a presumed price of \$1.25 per share we would issue an additional 7,733,853 shares of Common Stock.

As of the date of this Proxy Statement, we have no immediate plans, proposals, understandings, agreements or commitments to issue the additional shares of Common Stock we are seeking through the Amendment for funding, acquisitions or any other purpose. However, we review and evaluate potential capital raising activities, strategic transactions and other corporate actions on an ongoing basis to determine if such actions would be in our best interest and the best interest of our shareholders.

Impact of the Amendment

The additional shares of Common Stock for which authorization is sought would be a part of the existing class of Common Stock. If and when issued, these shares would have the same rights and privileges as the shares of Common Stock presently outstanding. No holder of Common Stock has any pre-emptive rights to acquire additional shares of our Common Stock. One of our current shareholders, Eleszto Genetika, Inc., has a participation right in connection with the Company's issuance of shares in future financings to acquire up to 30% of such public or private qualifying financing, raising in excess of \$1.0 million.

Common Stock

The terms of the additional shares of Common Stock will be identical to those of the currently outstanding shares of Common Stock. However, because holders of Common Stock, other than Eleszto Genetika, Inc., which has certain participation rights with respect to future financings, have no pre-emptive rights to purchase or subscribe for any unissued stock of the Company, the issuance of additional shares of Common Stock will reduce the current shareholders' percentage ownership interest in the total outstanding shares of Common Stock. This Amendment and the creation of additional shares of authorized Common Stock will not alter the current number of issued shares. The relative rights and limitations of the shares of Common Stock will remain unchanged under this Amendment.

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The proposed increase in the authorized number of shares of Common Stock could have a number of effects on our shareholders depending upon the exact nature and circumstances of any actual issuances of authorized but unissued shares. The increase could have an anti-takeover effect, in that additional shares could be issued (within the limits imposed by applicable law) in one or more transactions that could make a change in control or takeover of us more difficult. For example, additional shares could be issued by us so as to dilute the stock ownership or voting rights of persons seeking to obtain control of us, even if the persons seeking to obtain control offers an above-market premium that is favored by a majority of the independent shareholders. Similarly, the issuance of additional shares to certain persons allied with our management could have the effect of making it more difficult to remove our current management by diluting the stock ownership or voting rights of persons seeking to cause such removal. We have no plans or proposals to adopt other provisions or enter into other arrangements that may have material anti-takeover consequences. We are not aware of any attempt, or contemplated attempt, to acquire control of us, and this proposal is not being presented with the intent that it be utilized as a type of anti-takeover device.

Our shareholders should recognize that, as a result of this proposal, they will own a fewer percentage of shares with respect to our total authorized shares, than they presently own, and will be diluted as a result of any issuance of Common Stock by us in the future.

There are currently no specific plans, arrangements, commitments or understandings for the issuance of the additional shares of Common Stock which are proposed to be authorized (except with respect to potential issuances of shares upon our future financing efforts and exercise of currently outstanding options and warrants).

Preferred Stock

Currently, we are authorized to issue up to 50,000,000 shares of preferred stock and we have 16,017,000 shares of preferred stock outstanding, as of the Record Date. The Amendment does not change the number of shares of blank check preferred stock our board of directors is authorized to issue, however, our board of directors would be able to issue existing shares of authorized preferred stock with such designations, powers, preferences and rights as may be determined from time to time by our board of directors which include conversion rights into a greater number of common shares through the approval of the Amendment. This means that, if the Amendment is approved, except as may be required by law, NYSE American LLC rules or the approval rights of current holders of our outstanding preferred stock, no further shareholder approval would be required prior to the issuance of shares of preferred stock convertible into the Common Stock authorized by the Amendment. For example, under NYSE American LLC rules, in certain circumstances shareholder approval is required for any potential issuance of 20% or more of our outstanding shares of Common Stock (including upon conversion of convertible preferred stock) or 20% or more of the voting power outstanding before such issuance.

Our board of directors believes that authorization of additional shares of Common Stock is prudent because it is advisable to have the ability to authorize such shares of Common Stock and have them available in order to enhance our flexibility to consider and respond to future financing needs and opportunities as they arise from time to time, including possible issuances of convertible preferred stock in connection with such activities as public or private offerings of shares for cash and other corporate purposes. We cannot provide assurances that any such transactions will (i) be consummated on favorable terms or at all, (ii) enhance shareholder value or (iii) not adversely affect our business or the trading price of our Common Stock.

The authorization of the Common Stock will not have any immediate effect on the rights of existing shareholders. However, in connection with the issuance of any convertible preferred stock based on authorized and available blank check preferred, our board of directors would have the authority to designate and issue series of our preferred stock with dividend, liquidation, conversion, voting or other rights that may be superior to those of our Common Stock. The effects of the issuance of preferred stock upon holders of our Common Stock may include, among other things: (1) a preference in the payment of dividends to holders of preferred stock, which may restrict our ability to declare dividends on our Common Stock; (2) dilution of voting power if holders of preferred stock are given voting rights; (3) dilution of equity interests and voting power if the preferred stock is convertible, and converted into, Common Stock; or (4) a preference in payments upon liquidation to holders of preferred stock, which may limit liquidation payments on our Common Stock.

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There are currently no specific plans, arrangements, commitments or understandings for the issuance of the additional shares of preferred stock which are proposed to be authorized (other than as may be required in connection with future financings).

Certain Risks Associated with the Amendment

The issuance of additional shares of Common Stock could reduce existing shareholders' percentage ownership and voting power in the Company and, depending on

the transaction in which they are issued, could affect the per share book value or other per share financial measures.

By voting in favor of this proposal, you are voting to increase our authorized capital stock by an additional 50,000,000 shares for total authorized capital stock of 300,000,000 shares. Because our Amended and Restated Articles of Incorporation do not confer to our shareholders pre-emptive rights with respect to our Common Stock, when our Board of Directors elects to issue additional shares of Common Stock in the future, existing shareholders would not have a preferential right to purchase these shares and could suffer substantial dilution. You would suffer dilution in the book value of your shares if the additional capital stock is sold at prices lower than the price at which you purchased your Common Stock.

The Amendment could, under certain circumstances, have an anti-takeover effect, although that is not our intention with this proposal. For example, in the event of a hostile attempt to take control of the Company, it may be possible for the Board of Directors to impede that attempt by issuing shares of Common Stock, which would dilute the voting power for the other outstanding shares and increase the potential cost to acquire control of the Company. This Amendment therefore may have the effect of discouraging unsolicited takeover attempts, potentially limiting the opportunities of our shareholders to dispose of their shares at a premium, which may be offered in takeover attempts or a merger proposal. The Amendment may have the effect of permitting our current management, including the current Board of Directors, to retain its position. However, as of the date of this Proxy Statement, the Board of Directors is not aware of any attempt to take control of the Company, and the Board of Directors has not presented this proposal with the intent that it be utilized as a type of anti-takeover device.

Procedure For Amending Articles Of Incorporation-Text Of Amendment

Provided that this Proposal is approved by our shareholders, an Amendment to our Amended and Restated Articles of Incorporation, specifically amending Article II thereof will be filed with the Secretary of State of the State of Florida and upon such filing the Amendment will become effective. A copy of the proposed Amendment is attached hereto as **Appendix A**. The paragraph in Article II of our Amended and Restated Articles of Incorporation captioned “*Capital Stock*” is proposed to be replaced with the following text:

“*Capital Stock*. The aggregate number of shares of all classes of capital stock which this Corporation shall have authority to issue is Three Hundred Million (300,000,000) shares, consisting of (i) Two Hundred Fifty Million (250,000,000) shares of common stock, par value \$0.001 per share (the “Common Stock”), and (ii) Fifty Million (50,000,000) shares of preferred stock, no par value (the “Preferred Stock”).”

The only substantive changes would be to increase the number of shares of Common Stock that the Company may issue from 200,000,000 shares to 250,000,000 shares and to reflect a corresponding increase in the aggregate number of shares of capital stock that may be issued from 250,000,000 to 300,000,000 shares.

If the proposed Amendment is not approved by the Company’s shareholders, the number of authorized shares of Common Stock will remain unchanged.

No Dissenters’ Rights

No dissenters’ rights are available to any shareholder who dissents from the proposals to amend the Articles of Incorporation under the Florida Business Corporation Act (“FBCA”) or under our current Amended and Restated Articles of Incorporation.

THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE “FOR” APPROVAL OF THIS PROPOSAL TO GRANT OUR BOARD OF DIRECTORS AUTHORITY TO AMEND OUR ARTICLES OF INCORPORATION TO INCREASE THE NUMBER OF SHARES OF AUTHORIZED COMMON STOCK.

PROPOSAL IV APPROVAL OF THE COMPANY’S 2021 EQUITY INCENTIVE PLAN

The Board of Directors is requesting shareholder approval of the Oragenics, Inc. 2021 Equity Incentive Plan (the “2021 Plan”). The 2021 Plan is intended to be the successor to the Company’s 2012 Equity Incentive Plan, as amended (the “2012 Plan” or the “Prior Plan”).

Why We Are Asking Our Shareholders to Approve the 2021 Plan

Currently, we maintain the 2012 Plan to grant equity awards to our employees, non-employee directors and consultants and the 2012 Plan only has 537,901 shares remaining available for grant of awards. We are seeking shareholder approval of the 2021 Plan to increase the number of shares available for the grant of stock options, restricted stock unit awards and other awards, which will enable us to have a competitive equity incentive program to compete with our peer group for key talent. If the 2021 Plan is approved by our shareholders, no additional awards will be granted under the Prior Plan.

Approval of the 2021 Plan by our shareholders will allow us to grant stock options, restricted stock unit awards and other awards at levels determined appropriate by the Board of Directors or Compensation Committee. The 2021 Plan will also allow us to utilize a broad array of equity incentives in order to secure and retain the services of our employees, non-employee directors and consultants, and to provide long-term incentives that align the interests of our employees, non-employee directors and consultants with the interests of our shareholders.

Requested Shares

If this Proposal IV is approved by our shareholders, then subject to adjustment for certain changes in our capitalization, the aggregate number of shares of our Common Stock that may be issued under the 2021 Plan will not exceed the sum of (i) 10,000,000 new shares, (ii) the number of shares remaining available for the grant of new awards under the 2012 Plan as of immediately prior to the effective date of the 2021 Plan, and (iii) certain shares subject to outstanding awards granted under the 2012 Plan that may become available for issuance under the 2021 Plan, as such shares become available from time to time (as further described below in “Description of the 2021 Plan—Shares Available for Awards”).

Shareholder Approval

If this Proposal IV is approved by our shareholders, the 2021 Plan will become effective as of the date of the Annual Meeting and no additional awards will be granted under the 2012 Plan. In the event that our shareholders do not approve this Proposal IV, the 2021 Plan will not become effective and the 2012 Plan will continue to be effective in accordance with its terms.

Why You Should Vote to Approve the 2021 Plan

Equity Awards Are an Important Part of Our Compensation Philosophy

The Board of Directors believes that the grant of equity awards is a key element underlying our ability to attract, retain and motivate our employees, non-employee directors and consultants because of the strong competition for highly trained and experienced individuals among biopharmaceutical companies. Therefore, the Board of Directors believes that the 2021 Plan is in the best interests of our business and our shareholders and recommends a vote in favor of this Proposal IV.

The 2021 Plan will allow us to continue to utilize equity awards as long-term incentives to secure and retain the services of our employees, non-employee directors and consultants, consistent with our compensation philosophy and common compensation practice for our industry. To date, equity awards have been a key aspect of our program to attract and retain key employees, non-employee directors and consultants. We believe the use of equity awards strongly aligns the interests of our employees with those of our shareholders by placing a considerable proportion of our employees' total compensation "at risk" because it is contingent on the appreciation in value of our Common Stock. In addition, we believe equity awards encourage employee ownership of our Common Stock and promote retention through the reward of long-term Company performance.

We Carefully Manage the Use of Equity Awards and Dilution is Reasonable

We recognize that equity awards dilute existing shareholders, and, therefore, we are mindful to responsibly manage the growth of our equity compensation program. We are committed to effectively monitoring our equity compensation share reserve, including our "burn rate," to ensure that we maximize shareholders' value by granting the appropriate number of equity awards necessary to attract, reward, and retain employees, non-employee directors and consultants.

The Size of Our Share Reserve Request Is Reasonable

If this Proposal IV is approved by our shareholders, we will have 10,000,000 new shares available for grant after the Annual Meeting, subject to adjustment for certain changes in our capitalization.

The 2021 Plan Combines Compensation and Governance Best Practices

The 2021 Plan includes provisions that are designed to protect our shareholders' interests and to reflect corporate governance best practices, including:

Shareholder approval is required for additional shares. The 2021 Plan does not contain an annual "evergreen" provision. The 2021 Plan authorizes a fixed number of shares, so that shareholder approval is required to issue any additional shares.

Fungible share counting. The 2021 Plan contains a "fungible share counting" structure, whereby the number of shares of our Common Stock available for issuance under the 2021 Plan will be reduced by (i) one share for each share issued pursuant to a stock option or stock appreciation right with an exercise price that is at least 100% of the fair market value of our Common Stock on the date of grant (an "Appreciation Award") granted under the 2021 Plan and (ii) 1.20 shares for each share issued pursuant to an award that is not an Appreciation Award (a "Full Value Award") granted under the 2021 Plan. As part of such fungible share counting structure, the number of shares of our Common Stock available for issuance under the 2021 Plan will be increased by (i) one share for each share that becomes available again for issuance under the terms of the 2021 Plan subject to an Appreciation Award and (ii) 1.20 shares for each share that becomes available again for issuance under the terms of the 2021 Plan subject to a Full Value Award.

Repricing is not allowed. The 2021 Plan prohibits the repricing of outstanding stock options and stock appreciation rights, and the cancellation of any outstanding stock options or stock appreciation rights that have an exercise or strike price greater than the then-current fair market value of our Common Stock in exchange for cash or other stock awards under the 2021 Plan, without prior shareholder approval.

No discounted stock options or stock appreciation rights. All stock options and stock appreciation rights granted under the 2021 Plan must have an exercise price equal to or greater than the fair market value of our Common Stock on the date the stock option or stock appreciation right is granted.

Limit on non-employee director compensation. The aggregate value of the equity awards which will be granted to any individual for service as a non-employee director under the 2021 Plan during any single calendar year will not exceed equity awards with a value of \$300,000 or, for the first year a non-employee director is appointed or elected to the Board of Directors, equity awards not exceeding \$500,000 in total value. For purposes of these limitations, the value of any equity awards is calculated based on the grant date fair value of such awards for financial reporting purposes.

Restrictions on dividends and dividend equivalents. The 2021 Plan provides that (i) no dividends may be paid with respect to any shares of our Common Stock subject to an award before the date such shares have been issued, (ii) any dividends or dividend equivalents that are credited with respect to any such shares will be subject to all of the terms and conditions applicable to such shares under the terms of the applicable award agreement (including any vesting conditions), and (iii) any dividends or dividend equivalents that are credited with respect to any such shares will be forfeited to us on the date such shares are forfeited to or repurchased by us due to a failure to vest.

Awards subject to forfeiture/clawback. Awards granted under the 2021 Plan will be subject to recoupment in accordance with any clawback policy that we are required to adopt pursuant to the listing standards of any national securities exchange or association on which our securities are listed or as is otherwise required by the Dodd-Frank Wall Street Reform and Consumer Protection Act or other applicable law, and any other clawback policy that the Company adopts. In addition, the Board may impose other clawback, recovery or recoupment provisions in an award agreement, including a reacquisition right in respect of previously acquired shares or other cash or property upon the occurrence of cause.

Termination of stock options and stock appreciation rights on a participant's termination for cause. If a participant's service is terminated for cause, as defined under the 2021 Plan, the participant's stock options and stock appreciation rights terminate immediately, and the participant is prohibited from exercising his or her stock options and stock appreciation rights.

No liberal change in control definition. The change in control definition in the 2021 Plan is not a "liberal" definition. A change in control transaction must actually occur in order for the change in control provisions in the 2021 Plan to be triggered.

No accelerated vesting of assumed awards upon change in control. The 2021 Plan does not provide for accelerated vesting of awards that are assumed by an acquirer upon a change in control.

Material amendments require shareholder approval. Consistent with the applicable stock exchange rules, the 2021 Plan requires shareholder approval of any material revisions to the 2021 Plan. In addition, certain other amendments to the 2021 Plan require shareholder approval.

Vote Required

At the Annual Meeting, the shareholders are being asked to approve the 2021 Plan. The affirmative vote of the holders of a majority of the shares represented at the meeting or by proxy at the Annual Meeting and entitled to vote on the item will be required to approve the 2021 Plan. **The Board of Directors recommends voting "FOR" the approval of the 2021 Plan.**

Description of the 2021 Plan

The material features of the 2021 Plan are described below. The following description of the 2021 Plan is a summary only and is qualified in its entirety by reference to

the complete text of the 2021 Plan. Shareholders are urged to read the actual text of the 2021 Plan in its entirety, which is attached to this Proxy Statement as **Appendix B**.

Purpose

The 2021 Plan is designed to secure and retain the services of our employees, non-employee directors and consultants, to provide incentives for such persons to exert maximum efforts for the success of the Company and our affiliates, and to provide a means by which such persons may be given an opportunity to benefit from increases in the value of our Common Stock. The 2021 Plan is also designed to align employees' interests with shareholder interests.

Successor to Prior Plans

The 2021 Plan is intended to be the successor to the Company's 2012 Equity Incentive Plan, as amended to date. If the 2021 Plan is approved by our shareholders, no additional awards will be granted under the 2012 Plan. If the 2021 Plan is not approved by our shareholders, the 2021 Plan will not become effective and the 2012 Plan will continue to be effective in accordance with its terms.

Types of Awards

The terms of the 2021 Plan provide for the grant of incentive stock options, nonstatutory stock options, stock appreciation rights, restricted stock awards, restricted stock unit awards, performance awards, and other awards.

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Shares Available for Awards

Subject to adjustment for certain changes in our capitalization, the aggregate number of shares of our Common Stock that may be issued under the 2021 Plan will not exceed the sum of (i) 10,000,000 new shares, (ii) the number of shares remaining available for the grant of new awards under the 2012 Plan as of immediately prior to the effective date of the 2021 Plan and (iii) the 2012 Plan's Returning Shares (as defined below), as such shares become available from time to time.

The "2012 Plan's Returning Shares" are shares of our Common Stock subject to outstanding awards granted under the Prior Plan that on or following the effective date of the 2021 Plan: (i) are not issued because such award or any portion thereof expires or otherwise terminates without all of the shares covered by such award having been issued; (ii) are not issued because such award or any portion thereof is settled in cash; (iii) are forfeited back to or repurchased by us because of the failure to meet a contingency or condition required for the vesting of such shares, (iv) are withheld or reacquired by us to satisfy the exercise, strike or purchase price; or (v) are withheld or reacquired by us to satisfy a tax withholding obligation.

The number of shares of our Common Stock available for issuance under the 2021 Plan will be reduced by (i) one share for each share of our Common Stock issued pursuant to an Appreciation Award (i.e., a stock option or stock appreciation right with an exercise or strike price of at least 100% of the fair market value of the underlying Common Stock on the date of grant), and (ii) 1.20 shares for each share of our Common Stock issued pursuant to a Full Value Award (i.e., an award that is not an Appreciation Award).

The following actions will not result in an issuance of shares of our Common Stock under the 2021 Plan and accordingly will not reduce the number of shares of our Common Stock available for issuance under the 2021 Plan: (i) the expiration or termination of any portion of an award granted under the 2021 Plan without the shares covered by such portion of the award having been issued; (ii) the settlement of any portion of an award granted under the 2021 Plan in cash; (iii) the withholding of shares to satisfy the exercise or strike price of an Appreciation Award; or (iv) the withholding of shares to satisfy a tax withholding obligation in connection with an Appreciation Award.

If any shares of our Common Stock issued pursuant to an award granted under the 2021 Plan are (i) forfeited back to or repurchased by us because of the failure to meet a contingency or condition required for the vesting of such shares or if any shares; (ii) reacquired by us to satisfy the exercise or strike price of an Appreciation Award; or (iii) reacquired by us to satisfy a tax withholding obligation in connection with an Appreciation Award, then such shares will become available again for issuance under the 2021 Plan.

Any shares of our Common Stock reacquired or withheld (or not issued) by us to satisfy the purchase price of a Full Value Award will no longer be available for issuance under the 2021 Plan, including any shares subject to a Full Value Award that are not delivered to a participant because such Full Value Award is settled through a reduction of shares subject to such Full Value Award. In addition, any shares reacquired or withheld (or not issued) by us to satisfy a tax withholding obligation in connection with a Full Value Award, or any shares repurchased by us on the open market with the proceeds from the purchase price of a Full Value Award will no longer be available for issuance under the Plan.

Eligibility

All of our employees (including our affiliates), non-employee directors and consultants are eligible to participate in the 2021 Plan and may receive all types of awards other than incentive stock options. Incentive stock options may be granted under the 2021 Plan only to our employees (including our affiliates).

As of May 4, 2021, we (including our affiliates) had 6 employees, 5 non-employee directors and 3 consultants.

Administration

The 2021 Plan will be administered by the Compensation Committee of our Board of Directors, which may in turn delegate some or all of the administration of the 2021 Plan to a committee or committees composed of members of the Board of Directors. Our Board of Directors has assigned the authority to administer the 2021 Plan to our Compensation Committee, but may, at any time, re-vest in itself some or all of the power delegated to our Compensation Committee.

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Subject to the terms of the 2021 Plan, the Compensation Committee may determine the recipients, the types of awards to be granted, the number of shares of our Common Stock subject to or the cash value of awards, and the terms and conditions of awards granted under the 2021 Plan, including the period of their exercisability and vesting. The Compensation Committee also has the authority to provide for accelerated exercisability and vesting of awards. Subject to the limitations set forth below, the Compensation Committee also determines the fair market value applicable to an award and the exercise or strike price of stock options and stock appreciation rights granted under the 2021 Plan.

The Compensation Committee may also delegate to one or more executive officers the authority to designate employees who are not executive officers to be recipients of certain awards and the number of shares of our Common Stock subject to such awards. Under any such delegation, the Compensation Committee will specify the total number of shares of our Common Stock that may be subject to the awards granted by such executive officer. The executive officer may not grant an award to himself or herself.

Repricing; Cancellation and Re-Grant of Stock Options or Stock Appreciation Rights

Under the 2021 Plan, unless our shareholders have approved such an action within 12 months prior to such an event, the Company does not have the authority to reprice any outstanding stock option or stock appreciation right by (1) reducing the exercise or strike price of the stock option or stock appreciation right or (2) cancelling any outstanding stock option or stock appreciation right that has an exercise or strike price greater than the then-current fair market value of our Common Stock in exchange for cash or other awards.

Dividends

The 2021 Plan provides that (i) no dividends may be paid with respect to any shares of our Common Stock subject to an award before the date such shares have been issued, (ii) no dividend equivalents may be paid with respect to any shares of our Common Stock subject to a restricted stock unit award before the date such award has become vested, (iii) any dividends or dividend equivalents that are credited with respect to any such shares will be subject to all of the terms and conditions applicable to such shares under the terms of the applicable award agreement (including any vesting conditions), and (iv) any dividends or dividend equivalents that are credited with respect to any such shares will be forfeited to us on the date such shares are forfeited to or repurchased by us due to a failure to vest. Subject to the foregoing, the 2021 Plan provides that dividends or dividend equivalents may be paid or credited to shares of our Common Stock subject to a restricted stock award or restricted stock unit award granted under the 2021 Plan, as determined by the Compensation Committee and specified in the applicable award agreement.

Limit on Non-Employee Director Compensation

The terms of the 2021 Plan will permit annual equity awards to any individual for service as a non-employee director of the Company. As part of the Company's Director Compensation Program, each non-employee director receives an annual equity award. For this purpose, the value of any equity awards is calculated based on the grant date fair value of such awards for financial reporting purposes. Directors are subject to vesting provided that the recipient remains a director of the Company through the vesting date. The Board retains the discretion to modify the equity awards provided to non-employee directors under the terms of the Company's Director Compensation Program.

Stock Options

Stock options may be granted under the 2021 Plan pursuant to stock option agreements. The 2021 Plan permits the grant of stock options that are intended to qualify as incentive stock options, or ISOs, and nonstatutory stock options, or NSOs.

The exercise price of a stock option granted under the 2021 Plan may not be less than 100% of the fair market value of the Common Stock subject to the stock option on the date of grant and, in some cases (see “—Limitations on Incentive Stock Options” below), may not be less than 110% of such fair market value.

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The term of stock options granted under the 2021 Plan may not exceed ten years from the date of grant and, in some cases (see “—Limitations on Incentive Stock Options” below), may not exceed five years from the date of grant. Except as otherwise provided in a participant's stock option agreement or other written agreement with us or one of our affiliates, if a participant's service relationship with us or any of our affiliates (referred to in this Proposal IV as “continuous service”) terminates (other than for cause or the participant's death or disability, as defined in the 2021 Plan), the participant may exercise any vested stock options for up to three months following the participant's termination of continuous service. Except as otherwise provided in a participant's stock option agreement or other written agreement with us or one of our affiliates, if a participant's continuous service terminates due to the participant's disability, the participant may exercise any vested stock options for up to 12 months following the participant's termination due to the participant's disability. Except as otherwise provided in a participant's stock option agreement or other written agreement with us or one of our affiliates, if a participant's continuous service terminates due to the participant's death (or the participant dies within a specified period following termination of continuous service), the participant's beneficiary may exercise any vested stock options for up to 18 months following the participant's death.

Except as explicitly provided otherwise in a participant's stock option agreement or other written agreement with us or one of our affiliates, if a participant's continuous service is terminated for cause, all stock options held by the participant will terminate upon the participant's termination of continuous service and the participant will be prohibited from exercising any stock option from and after such termination date. For this purpose, the term “cause” is defined in the 2021 Plan to mean any event which would qualify as cause for termination under the participant's employment agreement with the Company, or, if there is no such employment agreement, any of the following (i) the commission of an act of fraud, embezzlement, theft or proven dishonesty, or any other illegal act or practice (whether or not resulting in criminal prosecution or conviction), including theft or destruction of property of the Company or a subsidiary, or any other act or practice which the Committee shall, in good faith, deem to have resulted in the recipient's becoming unbondable under the Company or any subsidiary's fidelity bond; (ii) the willful engaging in misconduct which is deemed by the Committee, in good faith, to be materially injurious to the Company or any subsidiary, monetarily or otherwise, including, but not limited to, improperly disclosing trade secrets or other confidential or sensitive business information and data about the Company or any subsidiaries and competing with the Company or any subsidiaries, or soliciting employees, consultants or customers of the Company or any subsidiaries in violation of law or any employment or other agreement to which the recipient is a party; (iii) the continued failure or habitual neglect by a person who is an participant to perform his or her duties with the Company or any subsidiary; or (iv) other disregard of rules or policies of the Company or any subsidiary, or conduct evidencing willful or wanton disregard of the interests of the Company or any subsidiary.

Except as otherwise provided in a participant's stock option agreement or other written agreement with us or one of our affiliates, the term of a stock option may be extended if a participant's continuous service terminates for any reason other than for cause and, at any time during the last 30 days of the applicable post-termination exercise period, the exercise of the stock option would be prohibited by applicable laws or the sale of any Common Stock received upon such exercise would violate our insider trading policy. In no event, however, may a stock option be exercised after its original expiration date.

Acceptable forms of consideration for the purchase of our Common Stock pursuant to the exercise of a stock option under the 2021 Plan will be determined by the Plan Administrator and may include payment: (i) by cash, check, bank draft or money order payable to us; (ii) pursuant to a program developed under Regulation T as promulgated by the Federal Reserve Board; (iii) by delivery to us of shares of our Common Stock (either by actual delivery or attestation); (iv) by a net exercise arrangement (for NSOs only); or (v) in other legal consideration approved by the Plan Administrator.

Stock options granted under the 2021 Plan may become exercisable in cumulative increments, or “vest,” as determined by the Plan Administrator at the rate specified in the stock option agreement. Shares covered by different stock options granted under the 2021 Plan may be subject to different vesting schedules as the Plan Administrator may determine.

The Plan Administrator may impose limitations on the transferability of stock options granted under the 2021 Plan in its discretion. Generally, a participant may not transfer a stock option granted under the 2021 Plan other than by will or the laws of descent and distribution or, subject to approval by the Plan Administrator, pursuant to a domestic relations order. However, the Plan Administrator may permit transfer of a stock option in a manner that is not prohibited by applicable tax and securities laws. Options may not be transferred to a third party financial institution for value.

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Limitations on Incentive Stock Options

In accordance with current federal tax laws, the aggregate fair market value, determined at the time of grant, of shares of our Common Stock with respect to ISOs that are exercisable for the first time by a participant during any calendar year under all of our stock plans may not exceed \$100,000. The stock options or portions of stock options that exceed this limit or otherwise fail to qualify as ISOs are treated as NSOs. No ISO may be granted to any person who, at the time of grant, owns or is deemed to own stock

possessing more than 10% of our total combined voting power unless the following conditions are satisfied:

- the exercise price of the ISO must be at least 110% of the fair market value of the Common Stock subject to the ISO on the date of grant; and
- the term of the ISO must not exceed five years from the date of grant.

Subject to adjustment for certain changes in our capitalization, the aggregate maximum number of shares of our Common Stock that may be issued pursuant to the exercise of ISOs under the 2021 Plan is 10,000,000 shares.

Stock Appreciation Rights

Stock appreciation rights may be granted under the 2021 Plan pursuant to stock appreciation right agreements. Each stock appreciation right is denominated in Common Stock share equivalents. The strike price of each stock appreciation right will be determined by the Plan Administrator, but will in no event be less than 100% of the fair market value of the Common Stock subject to the stock appreciation right on the date of grant. The term of stock appreciation rights granted under the 2021 Plan may not exceed ten years from the date of grant. The Plan Administrator may also impose restrictions or conditions upon the vesting of stock appreciation rights that it deems appropriate. The appreciation distribution payable upon exercise of a stock appreciation right may be paid in shares of our Common Stock, in cash, in a combination of cash and stock, or in any other form of consideration determined by the Plan Administrator and set forth in the stock appreciation right agreement. Stock appreciation rights will be subject to the same conditions upon termination of continuous service and restrictions on transfer as stock options under the 2021 Plan.

Restricted Stock Awards

Restricted stock awards may be granted under the 2021 Plan pursuant to restricted stock award agreements. A restricted stock award may be granted in consideration for cash, check, bank draft or money order payable to us, the participant's services performed for us, or any other form of legal consideration acceptable to the Plan Administrator. Shares of our Common Stock acquired under a restricted stock award may be subject to forfeiture to or repurchase by us in accordance with a vesting schedule to be determined by the Plan Administrator. Rights to acquire shares of our Common Stock under a restricted stock award may be transferred only upon such terms and conditions as are set forth in the restricted stock award agreement. Upon a participant's termination of continuous service for any reason, any shares subject to restricted stock awards held by the participant that have not vested as of such termination date may be forfeited to or repurchased by us.

Restricted Stock Unit Awards

Restricted stock unit awards may be granted under the 2021 Plan pursuant to restricted stock unit award agreements. Payment of any purchase price may be made in any form of legal consideration acceptable to the Plan Administrator. A restricted stock unit award may be settled by the delivery of shares of our Common Stock, in cash, in a combination of cash and stock, or in any other form of consideration determined by the Plan Administrator and set forth in the restricted stock unit award agreement. Restricted stock unit awards may be subject to vesting in accordance with a vesting schedule to be determined by the Plan Administrator. Except as otherwise provided in a participant's restricted stock unit award agreement or other written agreement with us, restricted stock units that have not vested will be forfeited upon the participant's termination of continuous service for any reason.

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Performance Awards

The 2021 Plan allows us to grant performance awards. A performance award is an award that may vest or may be exercised, or that may become earned and paid, contingent upon the attainment of pre-determined performance goals during a performance period. A performance award may require the completion of a specified period of continuous service. The length of any performance period, the performance goals to be achieved during the performance period, and the measure of whether and to what degree such performance goals have been attained will be determined by the Plan Administrator in its discretion. In addition, to the extent permitted by applicable law and the applicable award agreement, the Plan Administrator may determine that cash may be used in payment of performance awards.

Performance goals under the 2021 Plan are, for a performance period, the one or more goals established by the Plan Administrator for the performance period based upon the performance criteria that the Plan Administrator will select.

Performance goals may be based on a Company-wide basis, with respect to one or more business units, divisions, affiliates or business segments, and in either absolute terms or relative to the performance of one or more comparable companies or the performance of one or more relevant indices. Unless specified otherwise by the Plan Administrator (i) in the award agreement at the time the award is granted or (ii) in such other document setting forth the performance goals at the time the performance goals are established, the Plan Administrator will appropriately make adjustments in the method of calculating the attainment of the performance goals for a performance period as follows: (1) to exclude restructuring and/or other nonrecurring charges; (2) to exclude exchange rate effects, as applicable, for non-U.S. dollar denominated performance goals; (3) to exclude the effects of changes to generally accepted accounting principles; (4) to exclude the effects of any statutory adjustments to corporate tax rates; (5) to exclude the effects of items that are "unusual" in nature or occur "infrequently" as determined under generally accepted accounting principles; (6) to exclude the dilutive effects of acquisitions or joint ventures; (7) to assume that any business divested by us achieved performance objectives at targeted levels during the balance of a performance period following such divestiture; (8) to exclude the effect of any change in the outstanding shares of our Common Stock by reason of any stock dividend or split, stock repurchase, reorganization, recapitalization, merger, consolidation, spin-off, combination or exchange of shares or other similar corporate change, or any distributions to common shareholders other than regular cash dividends; (9) to exclude the effects of stock based compensation and the award of bonuses under our bonus plans; (10) to exclude costs incurred in connection with potential acquisitions or divestitures that are required to be expensed under generally accepted accounting principles; (11) to exclude the goodwill and intangible asset impairment charges that are required to be recorded under generally accepted accounting principles; and (12) to exclude the effects of the timing of acceptance for review and/or approval of submissions to the U.S. Food and Drug Administration or any other regulatory body. In addition, the Plan Administrator retains the discretion to define the manner of calculating the performance criteria it selects to use for a performance period and to reduce or eliminate the compensation or economic benefit due upon the attainment of any performance goal.

Other Awards

Other forms of awards valued in whole or in part by reference to, or otherwise based on, our Common Stock may be granted either alone or in addition to other awards under the 2021 Plan. Subject to the terms of the 2021 Plan, the Plan Administrator will have sole and complete authority to determine the persons to whom and the time or times at which such other awards will be granted, the number of shares of our Common Stock to be granted and all other terms and conditions of such other awards.

Clawback Policy

Awards granted under the 2021 Plan will be subject to recoupment in accordance with any clawback policy that we are required to adopt pursuant to the listing standards of any national securities exchange or association on which our securities are listed or as is otherwise required by the Dodd-Frank Wall Street Reform and Consumer Protection Act or other applicable law, and any other clawback policy that the Company adopts. In addition, the Board of Directors may impose other clawback, recovery or recoupment provisions in an award agreement, including a reacquisition right in respect of previously acquired shares or other cash or property upon the occurrence of cause.

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Changes to Capital Structure

In the event of certain capitalization adjustments, the Plan Administrator will appropriately and proportionately adjust: (i) the class(es) and maximum number of shares of our Common Stock subject to the 2021 Plan; (ii) the class(es) and maximum number of shares of our Common Stock that may be issued pursuant to the exercise of ISOs; and (iii) the class(es) and number of shares of our Common Stock and the exercise, strike or purchase price per share of our Common Stock subject to outstanding awards.

Corporate Transaction

The following applies to each outstanding award under the 2021 Plan in the event of a corporate transaction (as defined in the 2021 Plan and described below), unless provided otherwise in the applicable award agreement, in any other written agreement between a participant and the Company, or in any director compensation policy of the Company. For purposes of this Proposal 4, the term “Transaction” will mean such corporate transaction.

In the event of a Transaction, any awards outstanding under the 2021 Plan may be assumed, continued or substituted for by any surviving or acquiring corporation (or its parent company) (such entity, the “acquiring entity”), and any reacquisition or repurchase rights held by us with respect to the award may be assigned to the acquiring entity. If the acquiring entity does not assume, continue or substitute for such awards, then with respect to any such awards that are held by participants who are employees or non-employee directors and, in each case, whose continuous service has not terminated prior to the effective time of the Transaction (such participants, the “current employee and director participants”), the vesting (and exercisability, if applicable) of such awards will be accelerated in full (and with respect to any such awards that are subject to performance-based vesting conditions or requirements, vesting will be deemed to be satisfied at the target level of performance as of the date of the Transaction) to a date prior to the effective time of the Transaction (contingent upon the effectiveness of the Transaction), and such awards will terminate if not exercised (if applicable) at or prior to the effective time of the Transaction, and any reacquisition or repurchase rights held by us with respect to such awards will lapse (contingent upon the effectiveness of the Transaction). Any such awards that are held by persons other than current employees, consultants and director participants will terminate if not exercised (if applicable) at or prior to the effective time of the Transaction, except that any reacquisition or repurchase rights held by us with respect to such awards will not terminate and may continue to be exercised notwithstanding the Transaction.

In the event an award will terminate if not exercised at or prior to the effective time of a Transaction, the Compensation Committee may provide that the holder of such award may not exercise such award but instead will receive a payment equal in value to the excess, if any, of (i) the value of the property the participant would have received upon the exercise of the award, over (ii) any exercise price payable by such holder in connection with such exercise.

Under the 2021 Plan, a “corporate transaction” generally means the consummation of any one or more of the following events: (1) a sale or other disposition of all or substantially all of our assets; (2) a sale or other disposition of at least 50% of our outstanding securities; (3) a merger, consolidation or similar transaction where the Company does not survive the transaction; or (4) a merger, consolidation or similar transaction where the Company does survive the transaction but the shares of our Common Stock outstanding immediately before such transaction are converted or exchanged into other property by virtue of the transaction. With respect to RSUs and other awards subject to Section 409A of the Code, a transaction will be a “corporate transaction” under the 2021 Plan only if it also constitutes a “change in control” for purposes of Code Section 409A.

Under Section 409A of the Code and related Treasury Regulations, a “change in control” generally means the occurrence of any one or more of the following events: (1) the acquisition by any person, entity or group of our securities representing more than 50% of the combined voting power of our then outstanding securities, other than by virtue of a merger, consolidation, or similar transaction; (2) a merger, consolidation or similar transaction in which our shareholders immediately before such transaction do not own, directly or indirectly, more than 50% of the combined voting power of the surviving entity (or the parent of the surviving entity) in substantially the same proportions as their ownership immediately prior to such transaction; (3) our shareholders approve or our Board of Directors approves our complete dissolution or liquidation, or our complete dissolution or liquidation otherwise occurs; (4) a sale, lease, exclusive license or other disposition of all or substantially all of our assets, other than to an entity, more than 50% of the combined voting power of which is owned by our shareholders in substantially the same proportions as their ownership of our outstanding voting securities immediately prior to such transaction; or (5) when a majority of our Board of Directors becomes comprised of individuals who were not serving on our Board of Directors on the date the 2021 Plan was adopted by our Compensation Committee (the “incumbent Board of Directors”), or whose nomination, appointment, or election was not approved by a majority of the incumbent Board of Directors still in office.

Plan Amendments and Termination

The Board of Directors will have the authority to amend or terminate the 2021 Plan at any time. However, except as otherwise provided in the 2021 Plan, no amendment or termination of the 2021 Plan may materially impair a participant’s rights under his or her outstanding awards without the participant’s consent. We will obtain shareholder approval of any amendment to the 2021 Plan as required by applicable law and listing requirements.

U.S. Federal Income Tax Consequences

The following is a summary of the principal United States federal income tax consequences to participants and us with respect to participation in the 2021 Plan. This summary is not intended to be exhaustive and does not discuss the income tax laws of any local, state or foreign jurisdiction in which a participant may reside. The information is based upon current federal income tax rules and therefore is subject to change when those rules change. Because the tax consequences to any participant may depend on his or her particular situation, each participant should consult the participant’s tax adviser regarding the federal, state, local and other tax consequences of the grant or exercise of an award or the disposition of stock acquired the 2021 Plan. The 2021 Plan is not qualified under the provisions of Section 401(a) of the Internal Revenue Code of 1986, as amended, (the “Code”) and is not subject to any of the provisions of the Employee Retirement Income Security Act of 1974. Our ability to realize the benefit of any tax deductions described below depends on our generation of taxable income as well as the requirement of reasonableness and the satisfaction of our tax reporting obligations.

Nonstatutory Stock Options

Generally, there is no taxation upon the grant of an NSO if the stock option is granted with an exercise price equal to or higher than the fair market value of the underlying stock on the grant date. Upon exercise, a participant will recognize ordinary income equal to the excess, if any, of the fair market value of the underlying stock on the date of exercise of the stock option over the exercise price. If the participant is employed by us, that income will be subject to withholding taxes. The participant’s tax basis in those shares will be equal to his or her fair market value on the date of exercise of the stock option, and the participant’s capital gain holding period for those shares will begin on that date.

Subject to the requirement of reasonableness, the provisions of Section 162(m) of the Code, and the satisfaction of a tax reporting obligation, we will generally be entitled to a tax deduction equal to the taxable ordinary income realized by the participant.

Incentive Stock Options

The 2021 Plan authorizes the grant of stock options that are intended to qualify as “incentive stock options,” as defined in Section 422 of the Code. Under the Code, a participant generally is not subject to ordinary income tax upon the grant or exercise of an ISO. If the participant holds a share received upon exercise of an ISO for more than two years from the date the stock option was granted and more than one year from the date the stock option was exercised, which is referred to as the required holding period, the difference, if any, between the amount realized on a sale or other taxable disposition of that share and the participant’s tax basis in that share will be long-term capital gain or loss.

If, however, a participant disposes of a share acquired upon exercise of an ISO before the end of the required holding period, which is referred to as a disqualifying disposition, the participant generally will recognize ordinary income in the year of the disqualifying disposition equal to the excess, if any, of the fair market value of the share on the date of exercise of the stock option over the exercise price. However, if the sales proceeds are less than the fair market value of the share on the date of exercise of the stock option, the amount of ordinary income recognized by the participant will not exceed the gain, if any, realized on the sale. If the amount realized on a disqualifying disposition exceeds the fair market value of the share on the date of exercise of the stock option, that excess will be short-term or long-term capital gain, depending on whether the holding period for the share exceeds one year.

For purposes of the alternative minimum tax, the amount by which the fair market value of a share of stock acquired upon exercise of an ISO exceeds the exercise price of the stock option generally will be an adjustment included in the participant's alternative minimum taxable income for the year in which the stock option is exercised. If, however, there is a disqualifying disposition of the share in the year in which the stock option is exercised, there will be no adjustment for alternative minimum tax purposes with respect to that share. In computing alternative minimum taxable income, the tax basis of a share acquired upon exercise of an ISO is increased by the amount of the adjustment taken into account with respect to that share for alternative minimum tax purposes in the year the stock option is exercised.

We are not allowed a tax deduction with respect to the grant or exercise of an ISO or the disposition of a share acquired upon exercise of an ISO after the required holding period. If there is a disqualifying disposition of a share, however, we will generally be entitled to a tax deduction equal to the taxable ordinary income realized by the participant, subject to the requirement of reasonableness, the provisions of Section 162(m) of the Code, and provided that either the employee includes that amount in income or we timely satisfy our reporting requirements with respect to that amount.

Restricted Stock Awards

Generally, the recipient of a restricted stock award will recognize ordinary income at the time the stock is received equal to the excess, if any, of the fair market value of the stock received over any amount paid by the recipient in exchange for the stock. If, however, the stock is not vested when it is received (for example, if the employee is required to work for a period of time in order to have the right to sell the stock), the recipient generally will not recognize income until the stock becomes vested, at which time the recipient will recognize ordinary income equal to the excess, if any, of the fair market value of the stock on the date it becomes vested over any amount paid by the recipient in exchange for the stock. A recipient may, however, file an election with the Internal Revenue Service, within 30 days following his or her receipt of the restricted stock award, to recognize ordinary income, as of the date the recipient receives the restricted stock award, equal to the excess, if any, of the fair market value of the stock on the date the restricted stock award is granted over any amount paid by the recipient for the stock.

The recipient's basis for the determination of gain or loss upon the subsequent disposition of shares acquired from a restricted stock award will be the amount paid for such shares plus any ordinary income recognized either when the stock is received or when the stock becomes vested.

Subject to the requirement of reasonableness, the provisions of Section 162(m) of the Code, and the satisfaction of a tax reporting obligation, we will generally be entitled to a tax deduction equal to the taxable ordinary income realized by the recipient of the restricted stock award.

Restricted Stock Unit Awards

Generally, the recipient of a restricted stock unit award structured to comply with the requirements of Section 409A of the Code or an exception to Section 409A of the Code will recognize ordinary income at the time the stock is delivered equal to the excess, if any, of the fair market value of the stock received over any amount paid by the recipient in exchange for the stock. To comply with the requirements of Section 409A of the Code, the stock subject to a restricted stock unit award subject to Section 409A may generally only be delivered upon one of the following events: a fixed calendar date (or dates), separation from service, death, disability or a change in control. If delivery occurs on another date, unless the restricted stock unit award otherwise complies with or qualifies for an exception to the requirements of Section 409A of the Code (including delivery upon vesting or achievement of a performance goal), in addition to the tax treatment described above, the recipient will owe an additional 20% federal tax and interest on any taxes owed.

The recipient's basis for the determination of gain or loss upon the subsequent disposition of shares acquired from a restricted stock unit award will be the amount paid for such shares plus any ordinary income recognized when the stock is delivered.

Subject to the requirement of reasonableness, the provisions of Section 162(m) of the Code, and the satisfaction of a tax reporting obligation, we will generally be entitled to a tax deduction equal to the taxable ordinary income realized by the recipient of the restricted stock unit award.

Stock Appreciation Rights

Generally, if a stock appreciation right is granted with an exercise price equal to or greater than the fair market value of the underlying stock on the grant date, the recipient will recognize ordinary income equal to the fair market value of the stock or cash received upon such exercise. Subject to the requirement of reasonableness, the provisions of Section 162(m) of the Code, and the satisfaction of a tax reporting obligation, we will generally be entitled to a tax deduction equal to the taxable ordinary income realized by the recipient of the stock appreciation right.

Section 162(m) Limitations

Under Section 162(m) of the Code, compensation paid to any publicly held corporation's "covered employees" that exceeds \$1 million per taxable year for any covered employee is generally non-deductible. Awards granted under the 2021 Plan will be subject to the deduction limit under Section 162(m) of the Code. These awards will not qualify for the performance-based compensation exception under Section 162(m) of the Code pursuant to the transition relief provided by the Tax Cuts and Jobs Act.

New Plan Benefits under 2021 Plan

The following table sets forth certain information regarding future benefits under the 2021 Plan.

Name and Position	Dollar Value (\$)	Number of Units
Michael O. Sullivan Interim Principal Executive Officer and Chief Financial Officer	(1)	(1)
Dr. Martin Handfield Senior Vice President, Discovery Research	(1)	(1)
All current directors who are not executive officers as a group	(2)	(2)
All current employees, including current officers who are not executive officers, as a group	(1)	(1)

- (1) Awards granted under the 2021 Plan to our executive officers and other employees are discretionary and are not subject to set benefits or amounts under the terms of the 2021 Plan, and we have not granted any awards under the 2021 Plan subject to shareholder approval of this Proposal. Accordingly, the benefits or amounts that will be received by or allocated to our executive officers and other employees under the 2021 Plan are not determinable.
- (2) Awards granted under the 2021 Plan to our non-employee directors are discretionary and are not subject to set benefits or amounts under the terms of the 2021 Plan. However, pursuant to our current Director Compensation Program, each of our current non-employee directors is eligible to receive an annual equity award as part of their compensation which is currently in the form of a stock options and the number of shares may be based upon a set dollar amount or set number of shares. This Director Compensation Program may be modified from time to time. For additional information regarding our current compensation program for non-employee directors, please see “Director Compensation Table.” Accordingly, the benefits or amounts that will be received by or allocated to our non-employee directors under the 2021 Plan are not determinable

Securities Authorized for Issuance under Equity Compensation Plans

Our 2012 Incentive Plan, which is currently our only equity compensation plan, has been approved by our shareholders. The following table sets forth certain information as of December 31, 2020 with respect to the 2012 Incentive Plan:

Plan Category	Number of Securities to be Issued Upon Exercise of Outstanding Options (A)	Weighted-Average Exercise Price of Outstanding Options (B)	Number of Securities Remaining Available for Future Issuance Under Equity Compensation Plans (Excluding Securities Reflected in Column (A)) (C)
Equity compensation plans approved by shareholders:			
2012 Equity Incentive Plan	5,801,349	\$ 0.90	2,207,901
Equity compensation plans not approved by shareholders:			
(1)			
None	—	\$ —	—
Total:	<u>5,801,349</u>	<u>\$ 0.90</u>	<u>2,207,901</u>

- (1) The Company does not have any equity compensation plans that have not been approved by shareholders.

**THE BOARD OF DIRECTORS RECOMMENDS
A VOTE IN FAVOR OF PROPOSAL IV.**

**PROPOSAL V
RATIFICATION OF THE SELECTION OF MAYER HOFFMAN MCCANN P.C.
AS THE COMPANY’S INDEPENDENT AUDITORS**

Summary

Mayer Hoffman McCann P.C. served as the Company’s independent auditors and independent registered public accounting firm for the completion of the Company’s audit for the year ended December 31, 2020. The Audit Committee has again approved the appointment of Mayer Hoffman McCann P.C. as the Company’s independent auditors for the year ending December 31, 2021 and the Board has further directed that the Company submit the selection of independent auditors and independent registered public accounting firm for 2021 for ratification by the shareholders at this Annual Meeting.

Representatives of Mayer Hoffman McCann P.C., who are expected to be present at the Annual Meeting, will have an opportunity to make a statement if they so desire and are expected to be available to respond to appropriate questions.

Although ratification is not required by the Bylaws or otherwise, the Company is submitting the selection to its shareholders for ratification as a matter of good corporate practice and because the Company values its shareholders’ views. In the event the shareholders fail to ratify the selection, the Audit Committee will reconsider whether or not to retain that firm. Even if the selection is ratified, the Audit Committee in its discretion may direct the appointment of a different auditor/independent accounting firm at any time during the year if the Audit Committee feels that such a change would be in the Company’s and the Company’s shareholders’ best interests.

Mayer Hoffman McCann P.C. leases substantially all of its personnel, who work under the control of Mayer Hoffman McCann P.C. shareholders, from wholly owned subsidiaries of CBIZ, Inc., in an alternative practice structure.

Independent Auditors’ Fees and Services

The following table provides the aggregate fees billed for professional services rendered by the Company’s principal accountants, Mayer Hoffman McCann P.C. (“MHM”), in the categories indicated during each of the past two fiscal years ended December 31:

Services Rendered	2020	2019
Audit Fees (1)	\$ 154,250	\$ 151,500
Audit-Related Fees (2)	—	—
Tax Fees (3)	6,800	12,200
All Other Fees (4)	—	—

- (1) *Audit Fees*. This category includes fees for professional services provided in conjunction with the audit of the Company's financial statements and with the audit of management's assessment of internal control over financial reporting and the effectiveness of internal control over financial reporting, review of the Company's quarterly financial statements, assistance and review of documents filed with the Securities and Exchange Commission, consents, and comfort letters and attestation services provided in connection with statutory and other regulatory filings and engagements.
- (2) *Audit-Related Fees*. This category includes fees for assurance and related professional services associated with due diligence related to mergers and acquisitions, consultation on accounting standards or transactions, internal control reviews and assistance with internal control reporting requirements, services related to the audit of employee benefit plans, and other attestation services not required by statute or regulation.
- (3) *Tax Fees*. This category includes fees for professional services provided related to tax compliance, tax planning and tax advice.
- (4) *All Other Fees*. There were no other fees paid to Mayer Hoffman McCann P.C.

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Substantially all MHM's personnel, who work under the control of MHM shareholders, are employees of wholly-owned subsidiaries of CBIZ, Inc., which provides personnel and various services to MHM in an alternative practice structure.

Pre-Approval Policy

The Audit Committee approves in advance all audit and non-audit services to be performed by the Company's independent registered public accounting firm. The Audit Committee considers whether the provision of any proposed non-audit services is consistent with the Securities and Exchange Commission rules on auditor independence and has pre-approved certain specified audit and non-audit services to be provided by MHM for up to twelve (12) months from the date of the pre-approval. If there are any additional services to be provided, a request for pre-approval must be submitted by management to the Audit Committee for its consideration.

Vote Required and Board of Directors' Recommendation

Ratification of the selection of Mayer Hoffman McCann P.C. as the Company's independent auditors for the year ending December 31, 2021 requires the affirmative vote of the holders of a majority of the shares of Common Stock voting on this Proposal V in person, or by proxy at the Annual Meeting of Shareholders. Abstentions will not be counted in the ratification of the selection of independent auditors and will have no effect on the outcome of the selection of the independent auditors.

**THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE "FOR" THE
RATIFICATION OF THE SELECTION OF MAYER HOFFMAN MCCANN P.C. AS THE COMPANY'S INDEPENDENT AUDITORS.**

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REPORT OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS

The information contained in this report shall not be deemed to be "soliciting material" or to be "filed" with the Securities and Exchange Commission, nor shall such information be incorporated by reference into any future filing under the Securities Act of 1933 or the Securities Exchange Act of 1934, except to the extent that we specifically incorporate it by reference in such filing.

The following is the report of the Audit Committee with respect to our audited financial statements for the fiscal year ended December 31, 2020, and the notes thereto.

Review with Management

The Audit Committee reviewed and discussed with management our audited financial statements for the fiscal year ended December 31, 2020 and the notes thereto. Management represented to the Audit Committee that our financial statements were prepared in accordance with generally accepted accounting principles.

Review and Discussions with Independent Registered Public Accounting Firm

The Audit Committee discussed with Mayer Hoffman McCann P.C. the matters required to be discussed by Public Company Accounting Oversight Board Auditing Standard 1301, which includes, among other items, matters related to the conduct of the audit of our financial statements.

The Audit Committee also received and reviewed written disclosures and the letter from Mayer Hoffman McCann P.C. as required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountant's communications with the audit committee concerning independence and has discussed with Mayer Hoffman McCann P.C. their independence from us.

Conclusion

Based on the review and discussions referred to above, the Audit Committee recommended to our Board of Directors that our audited financial statements be included in our Annual Report on Form 10-K for the year ended December 31, 2020 for filing with the Securities and Exchange Commission.

Submitted by the Audit Committee:

Charles L. Pope (Chair)
Dr. Frederick W. Telling
Dr. Alan Dunton

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CORPORATE GOVERNANCE

Orogenics' current corporate governance practices and policies are designed to promote shareholder value, and Orogenics is committed to the highest standards of corporate ethics and diligent compliance with financial accounting and reporting rules. Our Board provides independent leadership in the exercise of its responsibilities. Our management oversees a system of internal controls and compliance with corporate policies and applicable laws and regulations, and our employees operate in a climate of responsibility, candor and integrity. You can access information regarding our corporate governance practices on our web site at <https://ir.orogenics.com/governance-docs>.

Corporate Governance Principles

Our Board has adopted Board of Directors Corporate Governance Policy, which sets forth the principles that guide the Board's exercise of its responsibility to oversee corporate governance, maintain its independence, evaluate its own performance and the performance of our executive officers and set corporate strategy. Our Corporate Governance Policy, states that currently different individuals fill the roles of Chairman and Chief Executive Officer. Our Board may refine our Corporate Governance Principles from time to time. You can access our Corporate Governance Principles on our web site at <https://ir.oragenics.com/governance-docs>.

Code of Ethics/Standards of Business Conduct

It is our policy to conduct our operations in compliance with all applicable laws and regulations and to operate our business under the fundamental principles of honesty, integrity and ethical behavior. This policy can be found in our Company Operating Principles, which is applicable to all of our Directors, officers and employees, and which complies with the Securities and Exchange Commission's requirements and with listing standards of the NYSE American we have adopted.

Our Company Operating Principles are designed to promote honest and ethical conduct and compliance with all applicable laws, rules and regulations and to deter wrongdoing. Our Company Operating Principles are also aimed at ensuring that information we provide to the public (including our filings with and submissions to the Securities and Exchange Commission) is accurate, complete, fair, relevant, timely and understandable. Our Company Operating Principles can be accessed on our web site at www.oragenics.com/governance. We intend to disclose amendments to certain provisions of our Company Operating Principles, or waivers of such provisions granted to Directors and executive officers, on our web site in accordance with applicable Securities and Exchange Commission requirements.

Independence of Directors

Our Common Stock is listed on a national securities exchange, the NYSE American. Accordingly, in determining whether our Directors are independent, we are required to comply with the rules of the NYSE American. We also expect to continue to comply with securities and other laws and regulations regarding the independence of directors, including those adopted under Section 301 of the Sarbanes-Oxley Act and Rule 10A-3 under the Securities and Exchange Act of 1934 with respect to the independence of Audit Committee members. The NYSE American listing standards define an "independent director" generally as a person, other than an officer of a company, who does not, in the view of the company's Board of Directors, have a relationship with the Company that would interfere with the director's exercise of independent judgment. The Board has affirmatively determined that each of the following directors, constituting a majority of the Board, is independent within the meaning of the NYSE American listing standards:

Dr. Frederick W. Telling
Charles L. Pope
Dr. Alan Dunton
Robert Koski
Kimberly M. Murphy

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Such independence definition includes a series of objective tests, including that the director is not an executive officer employee of the company and has not engaged in various types of business dealings with the company. In addition, as further required by the NYSE American listing standards, the Board has made a subjective determination as to each independent director that no relationships exist which, in the opinion of the Board, would interfere with the exercise of independent judgment in carrying out the responsibilities of a director.

Board Leadership Structure

We currently separate the positions of Chief Executive Officer and Chair of the Board. Since February 2011, Dr. Telling, one of our independent Directors, has served as our Executive Chairman of the Board and since May 2, 2021 as Executive Chairman due to the resignation of the Company's President and Chief Executive Officer. The responsibilities of the Chair of the Board include: setting the agenda for each Board meeting, in consultation with the Chief Executive Officer or interim principal executive officer; presiding at executive sessions; facilitating and conducting, with the Nominating Committee, the annual self-assessments by the Board and each standing committee of the Board, including periodic performance reviews of individual Directors; and conducting, with the Compensation Committee, a formal evaluation of the Chief Executive Officer and other executive officers in the context of the annual compensation review. The responsibility of the Executive Chairman include providing leadership to the Company to enhance its effectiveness and performance and to advise the interim Principal Executive Officer on strategic initiatives, relationships with shareholders, including institutional investors, financial institutions, and analysts and serve in such capacity to carry out such functions on a temporary basis until the Board duly appoints a new President and Chief Executive Officer.

Separating the positions of Chief Executive Officer and Chair of the Board allows our Chief Executive Officer (Interim Principal Executive Officer) to focus on our day-to-day business, while allowing the Chair of the Board to lead the Board in its fundamental role of providing advice to and independent oversight of management. The Board believes that having an independent Director serve as Chair of the Board is the appropriate leadership structure for the Company at this time and demonstrates our commitment to good corporate governance.

In addition, as described in more detail below, our Board has three standing committees, each chair and each member of which is an independent Director. Our Board delegates substantial responsibility to each Board committee, which reports their activities and actions back to the Board. We believe that our independent Board committees and their chairs are an important aspect of our Board leadership structure.

Risk Oversight

Our Board, as a whole and through its committees, has responsibility for the oversight of risk management. With the oversight of our Board, our officers are responsible for the day-to-day management of the material risks Oragenics faces. In its oversight role, our Board has the responsibility to satisfy itself that the risk management processes designed and implemented by management are adequate and functioning as designed. The involvement of the Board in setting our business strategy at least annually is a key part of its oversight of risk management, its assessment of management's appetite for risk and its determination of what constitutes an appropriate level of risk for Oragenics. The Board regularly receives updates from management and outside advisors regarding certain risks the Company faces, including potential litigation and various operating risks.

In addition, our Board committees each oversee certain aspects of risk management. For example, our Audit Committee is responsible for overseeing risk management of financial matters, financial reporting, the adequacy of our risk-related internal controls, and internal investigations; our Compensation Committee oversees risks related to compensation policies and practices; and our Nominating Committee oversees governance related risks, such as Board independence and conflicts of interest, as well as management and Director succession planning. Our Board committees report their findings to the Board.

Senior management attends Board and Board committee meetings and is available to address any questions or concerns raised by the Board on risk management-related and any other matters. The Board holds periodic strategic planning sessions with senior management to discuss strategies, key challenges, and risks and opportunities for the Company.

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Meetings of the Board of Directors and Committees

Board of Directors. Our property, affairs and business are under the general management of our Board of Directors as provided by the laws of the State of Florida and our Bylaws. The Board of Directors conducts its business through meetings of the full Board and through committees of the Board. The Board of Directors has appointed standing Audit, Compensation and Nominating Committees of the Board of Directors. The Board periodically reviews the size of the Board and recommends any changes it determines to be appropriate given our needs. Under our Bylaws, the number of members on the Board may be increased or decreased by resolution of the Board.

The Board currently consists of five members. The Board has no formal policy regarding board member attendance at the Annual Meeting of Shareholders. All of our existing Directors attended the prior year's annual meeting and all of our Directors are expected to attend the current Annual Meeting of Shareholders either in person or telephonically. The Board of Directors met or unanimously consented to resolutions 24 times during the year ended December 31, 2020 ("Fiscal 2020"). All Directors attended at least 75% of the aggregate number of meetings of the Board of Directors and Committees during Fiscal 2020. In conjunction with regularly scheduled meetings, our "independent" Directors met in separate executive sessions.

Audit Committee. The Audit Committee members currently consist of Mr. Charles Pope, Dr. Frederick Telling and Dr. Alan Dunton with Mr. Pope serving as Chairman. The Board has affirmatively determined that each such person met the independence requirements for audit committee purposes based on the more stringent independence standards imposed by applicable NYSE American and Securities and Exchange Commission rules. In addition, the Board of Directors has determined that Mr. Pope is an "audit committee financial expert" as that term is defined in Item 407(d)(5) of Regulation S-K promulgated under the Securities and Exchange Act of 1934. In March 2004, the Audit Committee adopted a written charter which was modified on April 24, 2007 on December 29, 2009 and December 2019. The Company believes that its Audit Committee Charter complies with the requirements related to Sarbanes-Oxley and a current copy of the Audit Committee Charter is available on our website at www.oragenics.com. The Audit Committee met or unanimously consented to resolutions 6 times during Fiscal 2020.

The Audit Committee has the sole authority to engage and discharge, review the independence, qualifications, activities and compensation of the Company's independent registered certified public accountants. The Audit Committee reports to the Board the appointment of the independent registered certified public accountants. The Audit Committee must assure regular rotation of the lead and concurring audit partners. The Audit Committee is responsible for the oversight of the Company's financial policies, control procedures, accounting staff, and reviews and approves the Company's financial statements. The Audit Committee is responsible for the review of transactions between the Company and any Company officer, Director or entity in which a Company officer or Director has a material interest. The Audit Committee must develop and maintain procedures for the submission of complaints and concerns about accounting and auditing matters. The Audit Committee must assure CEO and CFO certifications meet their obligations by performing a review and evaluation of the Company's disclosure controls and procedures. The Audit Committee has the authority to engage the services of an outside advisor when required. The Audit Committee must receive reports from the independent registered certified public accountants on critical accounting policies, significant accounting judgments and estimates, off-balance sheet transactions and non-Generally Accepted Accounting Principles financial measures.

Compensation Committee. The Compensation Committee consists of Directors Dr. Alan Dunton, Dr. Frederick Telling and Mr. Charles Pope with Dr. Dunton serving as Chairman. The Board has determined that each current member of the Compensation Committee meets the applicable requirements for independence. None of the Compensation Committee members has ever been an officer or employee of the Company. The Compensation Committee is responsible for establishing the compensation of the Company's Directors, Chief Executive Officer and all other executive officers, including salaries, bonuses, severance arrangements, and other executive officer benefits. The Committee also administers the Company's various incentive and stock option plans and designates both the persons receiving awards and the amounts and terms of the awards. The Compensation Committee adopted a charter in March 2004 to outline its compensation, benefits and management development philosophy and to communicate to shareholders the Company's compensation policies and the reasoning behind such policies as required by the Securities and Exchange Commission. The Charter was modified on April 24, 2007, on December 29, 2009 and on June 6, 2013 and December 2019. A current copy of the Compensation Committee's charter is available on our website at www.oragenics.com. The Compensation Committee met or unanimously consented to resolutions 3 times during Fiscal 2020.

Nominating Committee. The Nominating Committee consists of Directors Charles Pope, Dr. Alan Dunton and Dr. Frederick Telling with Mr. Pope serving as Chairman. The Board has determined that each current member of the Nominating Committee meets the applicable requirements for independence. The Nominating Committee met 2 times during Fiscal 2020. The Board adopted a nominating committee charter. The charter was updated on February 12, 2014 and December 2019. A current copy of the Nominating Committee's charter is available on our website. In addition to recommending candidates to the Board for election at the Annual shareholder Meeting, the Nominating Committee oversees the evaluation of the Board as a whole and its committees, as well as individual evaluations of those Directors who are being considered for possible re-nomination to the Board. The evaluation process occurs annually and has, to date, been informal.

The Nominating Committee has not established specific minimum age, education, and years of business experience or specific types of skills for potential Director candidates, but, in general, expects qualified candidates will have ample experience and a proven record of business success and leadership. The Nominating Committee also believes it is appropriate for a member of the Company's management to participate as a member of the Board of Directors, although at present no such management member serves on the Board of Directors. The Nominating Committee will consider as candidates for Director individuals who possess a high level of ethics, integrity and values, and who are committed to representing the long-term interests of our shareholders. Such candidates must be able to make a significant contribution to the governance of the Company by virtue of their business and financial expertise, educational and professional background. The business discipline that may be sought at any given time will vary depending on the needs and strategic direction of the Company, and the disciplines represented by incumbent Directors. In evaluating candidates for nomination as a Director, the Nominating Committee will also consider other criteria, including geographical representation, independence, practical wisdom, mature judgment and having sufficient time to devote to the affairs of the Company in order to carry out the responsibilities of a Director. One or more of our Directors is required to possess the education or experience required to qualify as an audit committee financial expert as defined in the applicable rules of the Securities and Exchange Commission. The Nominating Committee does not have a formal policy with respect to diversity; however, the Board of Directors and the Nominating Committee believe that it is essential that the members of the Board of Directors represent diverse viewpoints and a diverse mix of the specific criteria above. The entire Board of Directors is polled for suggestions as to individuals meeting the aforementioned criteria. Research may also be performed to identify qualified individuals. To date the Company has not engaged third parties to identify or evaluate or assist in identifying potential nominees.

Shareholder Recommendation of Nominees. The Board does not currently have a policy with regard to the consideration of any Director candidates recommended by security holders. Given the Company's current size, stage of development, and size of the Board, the Board believes that it is not currently appropriate to establish a separate policy for security holders to submit such recommendations. Notwithstanding the lack of a formal policy regarding security holder nominations, the Board may from time to time consider candidates proposed for consideration for service on the Company's Board by security holders. The Nominating Committee will consider qualified Director nominees recommended by shareholders when such recommendations are submitted in accordance with applicable law, rule or regulation regarding Director nominations. Shareholders may submit candidates for nomination to our Board of Directors by writing to: Nominating Committee of the Board of Directors, Oragenics, Inc., 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634.

When submitting a nomination to us for consideration, a shareholder must provide certain information about each person whom the shareholder proposes to nominate for election as a Director, including: (i) the name, age, business address and residence address of the person; (ii) the principal occupation or employment of the person; (iii) the class or series and number of shares of our capital stock owned beneficially or of record by the person; and (iv) any other information relating to the person that would be required to be disclosed in a proxy statement or other filings required to be made in connection with solicitations of proxies for election of Directors pursuant to Section 14 of the Securities Exchange Act of 1934, or the Exchange Act, and the rules and regulations promulgated thereunder. Such notice must be accompanied by the proposed nominee's written consent to be named as a nominee and to serve as a Director if elected. The Board has not set any specific minimum qualifications that must be met by a nominee presented for consideration to the Board by a security holder. A Board member may become aware of a potential nominee and present such nominee to the full Board for consideration at a Board meeting. The Board would evaluate the candidate and determine whether such person should be considered for Board service based on a variety of criteria including but not limited to, whether the individual has experience in the Company's industry, potential conflicts, and the person's ability to work with existing Board members and expected contributions. The Board would evaluate a nominee submitted by a security holder in the same or similar manner as one recommended by the

Direct Shareholder Communication to Board Members

The Company does not currently have a formal process for direct shareholder communications to the Board. The basis for the Board's view that it is appropriate for the Company to not have such a formal process includes but is not limited to the following: the Company's limited financial and personnel resources, the Company's stage of operations and development and the ability for shareholders to communicate with Board members informally.

Shareholders with questions about the Company are encouraged to contact the Company's Corporate Secretary. However, if shareholders feel their questions have not been addressed, they may communicate with the Company's Board of Directors by sending their communications to an individual Director(s) or to the Company's Board of Directors, c/o Corporate Secretary, Oragenics, Inc., 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634. All shareholder communications received by the Company's Corporate Secretary in this manner will be delivered to the individual Director(s) or to the Company's Board of Directors.

The Chairman of the Board of Directors, Dr. Frederick Telling, is an independent Director and has been designated by the Board of Directors to preside at the executive sessions of the independent Directors. If interested parties wish to make a concern known to the independent Directors, they may do so in a writing addressed to the Chairman of the Board, Oragenics, Inc., 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634.

Director Compensation

The Director Compensation program for 2020 consisted of the following:

Non-employee directors

Cash Compensation. The Director compensation program for 2020 provided that all non-employee Directors would receive an annual base fee for service on the Board of \$45,000. In addition, the Chairperson of the Board and of our Audit Committee, Compensation Committee and Nominating Committee would also receive annual fees of \$40,000, \$20,000, \$15,000 and \$10,000 respectively. All non-employee Directors serving on our Audit Committee, Compensation Committee and Nominating Committee (other than as the Chairperson) would receive an annual fee of \$10,000, \$7,500, and \$5,000, respectively, in connection with such committee service. In addition, from time to time, the Board may establish special committees and in connection therewith determine the cash compensation that would be paid to the directors serving on a special committee at the time of the establishment of such committee. All fees for Board service are generally paid on or before the last business day of each quarter.

The Board is expecting to meet in-person for a minimum of four meetings each year. To the extent, the Board meets in excess of six in-person meetings an additional per meeting fee would also be considered to be paid to each director by the Board for such additional in-person meeting. To the extent the Board determines to establish a special committee or a special committee was previously established and continues to function, the Board would determine the cash compensation payable to each director serving on any such special committee.

Our Compensation Committee and our Board of Directors use market data as one means of evaluating and establishing Board remuneration. In 2019 and 2020, the Compensation Committee engaged Korn Ferry, as a compensation consultant to advise the Compensation Committee. Korn Ferry advises the Compensation Committee on matters related to executive compensation, board remuneration and related governance matters.

Equity Compensation-New Director. Equity compensation is issued to Directors upon joining our Board. Non-employee Directors receive a stock option for the purchase of shares of Company's Common Stock equating to \$60,000 with an exercise price set as the Closing price of the Company's Common Stock on the day immediately prior to the appointment to the Board, which will immediately vest and be exercisable for ten years, subject to early termination under the terms of the 2012 Equity Incentive Plan. If new directors join the Board before July 1 of the calendar year, they would receive 100% of the value; 50% of such total value if they join between July 1 and October 1; and 25% of such total value if they join after October 1 in a calendar year.

Annual Equity Compensation Awards. As part of the Director Compensation Program each non-employee director receives equity awards under the 2012 Incentive Plan. In 2020 at the time of determining such annual equity award the Board considered the view of its compensation consultant Korn Ferry and revised its annual equity awards from 4,000 shares of restricted stock and an award of 8,000 stock options to an annual award of stock options which was based upon a value of \$75,000 and equated to 156,540 stock options which were awarded under the Company's 2012 Incentive Plan at an exercise price of \$0.48 per share, the closing price on February 5, 2020. The options vested immediately. The stock option awards are subject to the standard terms and conditions of the Company's form of stock option agreement which includes earlier vesting upon a change in control of the Company.

Discretionary Awards. As part of the Director Compensation Program, the Board may also make discretionary equity-based awards from time to time under our 2012 Incentive Plan. On February 5, 2020, the Board considered the view of its compensation consultant, Korn Ferry, and made a discretionary retention stock option award in the amount of 156,540 shares which would vest on the first anniversary of the grant date provided that the recipient remains a director of the Company through the vesting date.

Minimum dollar value stock ownership requirements. Each non-employee director receiving the above equity-based awards will be subject to a minimum dollar value stock ownership holding requirement with respect to the awards received as well as all prior equity awards under the 2012 Incentive Plan which requirement is intended to align the ability to sell shares with the performance of the Company's stock price. The non-employee Directors will each be subject to a minimum dollar value stock ownership requirement equal to six times the annual Board retainer (\$270,000) which dollar threshold they would be precluded from selling shares of Company stock acquired from the Company under its 2012 Incentive Plan.

Reimbursement of Expenses. Non-employee Directors are also reimbursed for expenses incurred in connection with their attendance at Board or committee meetings and reasonable out-of-pocket business expenses associated with their Board service.

Long-term Incentive Compensation. The Company did not have a Long-Term Incentive Compensation plan in place performance in 2020 for its Non-Employee Directors.

The following table sets forth the compensation of our non-employee Directors in 2020.

Director Compensation Table

Name	Fees earned or paid in cash (1)	Stock Awards	Option awards (2)	All other compensation (3)	Total
Dr. Frederick W. Telling	\$ 107,500	—	147,148	—	\$ 254,648
Robert C. Koski	\$ 45,000	—	147,148	—	\$ 192,148

Charles L. Pope	\$	82,500	—	147,148	—	\$	229,648
Dr. Alan W. Dunton	\$	76,687	—	147,148	—	\$	223,835
Kimberly W. Murphy	\$	42,000	—	67,945	—	\$	109,945

- (1) Amounts represent cash compensation earned by our Non-employee Directors during 2020 in connection with their Board service including any service on standing or special committees.
- (2) The amounts in this column represent the aggregate grant date fair value computed in accordance with Financial Accounting Standards Board Accounting Standards Codification, Topic 718, Compensation—Stock Compensation (ASC 718). As part of the Company's non-employee Director Compensation Program, each non-employee Director received an Annual Equity Compensation award of 156,540 stock options under the Company's 2012 Incentive Plan at an exercise price of \$0.48 per share, the closing price on February 5, 2020, the date of grant. The options vested immediately. In addition, and as part of the Company's non-employee Director Compensation Program, each non-employee Director received a Discretionary award of 156,540 stock options under the Company's 2012 Incentive Plan at an exercise price of \$0.48 per share, the closing price on February 5, 2020, the date of grant, which would vest on the first anniversary of the grant date provided that the recipient remains a director of the Company through the vesting date. The stock option awards are subject to the standard terms and conditions of the Company's form of stock option agreement which includes earlier vesting upon a change in control of the Company. In May of 2020, and as part of the Company's non-employee Director Compensation Program, director Murphy received an award of 138,644 stock options under the Company's 2012 Incentive Plan at an exercise price of \$0.43 per share. As of the end of the year non-employee directors, Telling, Koski, Pope, Dunton and Murphy have aggregate options to acquire, 638,620, 638,620, 638,620, 639,120 and 138,664, respectively and there are no stock awards outstanding for any non-employee director.
- (3) No other compensation was paid to the non-employee Directors except for reimbursement for travel expenses to Board meetings and other Board related meetings.

Employee Directors

The Director Compensation Program provides that employee Directors receive no additional compensation in connection with their board service.

EXECUTIVE COMPENSATION

Compensation Discussion and Analysis

This section explains the objectives of our named executive officer compensation program, the compensation decisions we made with respect to compensation for our fiscal year ended December 31, 2020, and the factors we considered in making those decisions, and focuses on the compensation of officers who our "named executive officers" included in the Summary Compensation Table herein:

- Michael Sullivan, our Chief Financial Officer and Interim Principal Executive Officer;
- Martin Handfield, our Senior Vice President of Discovery Research; and
- Alan Joslyn, (former President and Chief Executive Officer)

The Compensation Committee of our Board of Directors is responsible for establishing and evaluating our policies governing the compensation of our executive officers, including its named executive officers. The Compensation Committee reviews and proposes recommendations to the Board of Directors regarding the compensation to be paid to the Chief Executive Officer. In addition, the Compensation Committee reviews and approves the compensation to be paid to all other executive officers. The Compensation Committee ensures that the total compensation paid to our executive officers is fair, reasonable and competitive. The Compensation Committee has, in the past, at times included the other members of our Board of Directors in its deliberations regarding the salaries of our named executive officers.

At our 2020 Annual Meeting of Shareholders, on an advisory basis, a majority of the shareholders who voted on this matter approved the compensation of our named executive officers as disclosed in our 2020 Proxy Statement. The Compensation Committee believes the views of our shareholders are an important consideration when making decisions regarding our compensation program and will continue to take the views of our shareholders into consideration when assessing our compensation program and making decisions related to the structure and amount of pay.

Business Highlights

This past year was significant for the Company as we transitioned to the development of the Terra CoV-2 vaccine candidate to prevent COVID-19. Our compensation program in 2020 reflects the challenges associated with designing a compensation program at the beginning of the year in light of the efforts directed at the enrollment in a clinical trial and then transitioning to the development of a vaccine. Despite such challenges, the Compensation Committee remains committed to a philosophy which strongly aligns pay with demonstrated performance, and is confident that the decisions made are reflective of this overarching philosophy.

Compensation Objective

Our named executive compensation programs are designed to achieve the following objectives:

- Attract, motivate and reward named executive officers whose knowledge, skills, performance and business relationships are critical to our success;
- Align the interests of our named executive officers and shareholders by motivating named executive officers to ultimately increase shareholder value as well as facilitate retention;
- Motivate our named executive officers to manage our business to meet our short term and long-range goals and reward accomplishment of these goals;
- Provide a competitive compensation package which includes some pay for performance factors.

Compensation Determination Process

We conduct an annual review of named executive officer compensation, generally in December or January. At the Compensation Committee's direction, our Chief Executive Officer prepares an executive compensation review for each named executive officer, other than himself, which may include recommendations for:

- a proposed year-end bonus, if any, based on the achievement of individual and/or corporate objectives;

- a proposed increase, if any, in base salary and target annual incentive opportunity for the upcoming year; and
- an award, if any, of stock options or stock awards for the year under review.

As part of the compensation review, our Compensation Committee also considers changes to a named executive officer's employment agreement, compensation arrangements, responsibilities or severance arrangements.

In accordance with NYSE American requirements, the Compensation Committee also meets in an executive session without the Chief Executive Officer to consider and make recommendations to our Board of Directors regarding the Chief Executive Officer's compensation, including base salary, cash bonus and year-end annual stock options. The Compensation Committee also grants year-end stock options to other named executive officers based on, among other factors, recommendations by our Chief Executive Officer.

In conjunction with the year-end annual compensation review, or as soon as practicable after the fiscal year-end, our Chief Executive Officer recommends to the Compensation Committee the corporate objectives and other criteria to be utilized for purposes of determining cash bonuses (i) for each named executive officer for the upcoming year (in accordance with that named executive officer's employment agreement), and (ii) for all other employees as a group. The Compensation Committee in its discretion may revise our Chief Executive Officer's recommendations or make its own recommendations to our Board of Directors, which may in turn suggest further revisions. At the end of the year, the Compensation Committee, in consultation with our Chief Executive Officer, reviews performance and determines the extent to which any established goals were achieved.

Setting Compensation for Named Executive Officers - Compensation Committee, Board of Directors and Chief Executive Officer

The Compensation Committee of our Board of Directors has the primary responsibility for determining compensation of our named executive officers. Our Compensation Committee recommends the compensation of our Chief Executive Officer and determines all compensation matters for our named executive officers, including base salary, bonuses, and equity compensation. Our Board of Directors, after considering the recommendations of the Compensation Committee, makes the final determination with respect to the compensation of our Chief Executive Officer. Utilizing input from our Chief Executive Officer, the Compensation Committee makes an independent decision on compensation for each other named executive officers, although our Compensation Committee has, on occasion, submitted its compensation determinations for named executive officers to our full Board of Directors for its approval.

Role of Compensation Consultant

Our Compensation Committee is authorized to engage a compensation consultant or other advisors to review our executive officers' compensation, including a benchmarking analysis against the compensation of executive officers at comparable companies, to ensure that our compensation is market competitive, with the goal of retaining and adequately motivating our senior management. In March 2019 and January of 2020, our Compensation Committee retained Korn Ferry as a compensation consultant ("Korn Ferry") to assess our current compensation programs and provide recommendations for continued improved alignment of the programs with our compensation philosophy and goals and to review and make recommendations regarding our executive and director compensation for 2019 and 2020.

Our Compensation Committee regularly evaluates the performance of its compensation consultant, considers alternative compensation consultants, and has the final authority to engage and terminate such services. The Compensation Committee has assessed the independence of Korn Ferry pursuant to SEC rules and the applicable listing standards of the NYSE American and concluded that no conflict of interest exists that would prevent Korn Ferry from serving as an independent consultant to our Compensation Committee.

During 2019 and 2020, Korn Ferry attended meetings of our Compensation Committee (both with and without management present) and provided the following services:

- consulting with the Compensation Committee chair and other members between committee meetings;
- establishing a compensation comparator peer group for use when making compensation decisions;
- providing competitive market data based on the compensation peer group for our executive officer positions and evaluating how the compensation we pay our executive officers compares both to our performance and to how the companies in our compensation peer group compensate their executives;
- reviewing and analyzing the base salary levels, annual cash bonus opportunities, and equity incentive compensation opportunities of our executive officers;
- assessing executive compensation trends within our industry, and updating on corporate governance and regulatory issues and developments;
- reviewing market equity compensation practices, including burn rate and overhang, and advising on the mix of equity award types; and
- providing competitive market data based on the compensation peer group for the non-employee members of our Board and evaluating the compensation we pay to our non-employee directors.

Benchmarking in the Context of Our Other Executive Compensation Principles

Our Compensation Committee reviews the compensation of similarly-situated executive officers at companies that we consider to be our peers, taking into consideration the experience, position and functional role, level of responsibility and uniqueness of applicable skills of both our executive officers and those of our peers, and the demand and competitiveness for attracting and retaining an individual with each executive officer's specific expertise and experience. While this analysis is helpful in determining market-competitive compensation for senior management, it is only one factor in determining our executive officers' compensation, and our Compensation Committee exercises its judgment in determining the nature and extent of its use.

For purposes of comparing our executive compensation against the competitive market, our Compensation Committee reviews and considers the compensation levels and practices of a group of comparable biotechnology companies. The companies in this compensation peer group for 2019 and 2020 were selected by our Compensation Committee in March 2019 and reviewed in January 2020, in consultation with Korn Ferry, on the basis of their similarity to us in terms of size, market capitalization, stage of development, research and development spend, industry sector, business strategy, and number of employees.

To analyze the compensation practices of the companies in our compensation peer group, Korn Ferry gathered data from public filings (primarily proxy statements) and from other sources. This market data was then used as a reference point for our Compensation Committee to assess our current compensation levels in the course of its deliberations on forms and amounts of compensation. Given our objective of attracting, retaining, motivating, and rewarding a highly-skilled team of executive officers and other employees, we aim to deliver a total compensation package that is within a competitive range around the median as compared to peers, with an emphasis on equity incentive compensation so as to more effectively tie our named executive officers and employees' interests to those of our shareholders. In light of this, when undertaking its competitive analysis, our Compensation Committee reviews data pertaining to the 25th, 50th and 75th percentiles for base salary, total cash compensation (base salary plus annual bonus) and equity compensation. This competitive analysis is one factor, among others, taken into account by our Compensation Committee in assessing current

compensation levels and recommending changes to compensation or additional awards of equity. Our Compensation Committee expects to review our compensation peer group at least annually and make adjustments to its composition, taking into account changes in both our business and the businesses of the companies in the peer group.

Our Compensation Committee believes that, given the competitiveness of our industry and our Company culture, our base compensation, annual cash bonuses and equity programs are flexible enough to reward the achievement of clearly defined corporate goals and are sufficient to retain our existing executive officers and to hire new executive officers with the appropriate qualifications and experience.

Elements of Named Executive Compensation

For 2020, the principal components of compensation for our named executive officers consisted of:

- Annual base salary;
- Annual bonus incentives; and
- Equity Incentive Awards/Option Awards.

Annual Base Salary

We provide our named executive officers with base salary to compensate them for services rendered during the year. Generally, the base salaries reflect the experience, skills, knowledge and responsibilities required of each executive officer, and reflect our executive officers' overall performance and contributions to our business.

During its review of base salaries for executives, the Compensation Committee primarily considers:

- the negotiated terms of each named executive officer's employment agreement, if any;
- an internal review of the named executive officer's compensation, both individually and relative to other named executive officers; and
- base salaries paid by comparable companies in the biopharmaceutical industry that have a similar business and financial profile.

Salary levels are considered annually as part of the company's performance review process. Merit-based increases to salaries are based on management's assessment of the individual's performance, the recommendations made by the Chief Executive Officer to the Compensation Committee, and the comparative compensation at peer companies. The factors used in determining increases in base salary include individual performance, changes in role and/or responsibility and changes in the competitive market environment. The Compensation Committee periodically reviews the base salary for each executive officer.

Annual Incentive Bonuses

We provide an opportunity for each of our named executive officers to receive an annual incentive bonus based on the satisfaction of individual and company objectives established by our Board of Directors, or if no objectives are established at the discretion of the Committee. These incentives are paid in cash. For any given year, these objectives may include individualized goals or company-wide goals that relate to operational, strategic or financial factors such as progress in developing our product candidates, achieving certain manufacturing, intellectual property, clinical and regulatory objectives, and raising certain levels of capital.

2020 Bonus Plan

The Company established performance-based bonus targets for its named executive officers in 2020 (the "2020 Bonus Plan"). The percentages were weighted for purposes of determining bonuses, if any, for the Company's executive officers with respect to 2020 performance. Under such cash bonus program, Dr. Joslyn (our former President and Chief Executive Officer), Mr. Sullivan, our Chief Financial Officer and Interim Principal Executive Officer, and Dr. Handfield our Senior Vice President of Discovery Research, were eligible for cash bonuses of up to 50%, 35% and 25% of their respective base salaries, or \$183,750, \$80,483, and \$51,345 respectively, (each a "Bonus Target").

The bonuses payable to Dr. Joslyn were to be based upon the achievement of the following objectives:

- Up to 60% of the Bonus Target for objectives related to AG013 clinical trials and development strategy;
- Up to 25% of the Bonus Target for financial performance objectives relating to the Company raising capital; and

- Up to 15% of the Bonus Target for administrative and management matters.

The bonuses payable to Mr. Sullivan were to be based upon the achievement of the following objectives:

- Up to 80% of the Bonus Target for financial performance objectives including the Company's raising capital, budgeting and regulatory compliance;
- Up to 10% of the Bonus Target for initiatives regarding Company development opportunities; and
- Up to 10% of the Bonus Target for administrative and management matters.

The bonuses payable to Dr. Handfield were to be based upon the achievement of the following objectives:

- Up to 50% of the Bonus Target for objectives related to lantibiotic program developments, including toxicology study and manufacturing;
- Up to 25% of the Bonus Target for strategic initiatives on collaboration development opportunities including diligence; and
- Up to 20% of the Bonus Target for financial performance objectives relating to grant funding; and
- Up to 5% of the Bonus Target for administrative and management matters.

The executive officers' actual bonuses for fiscal year 2020 were eligible to exceed 100% of their 2020 Bonus Target percentage in the event performance exceeded the

predetermined goals and/or upon the achievement of other specified goals, including stretch goals. Payment of bonuses to the Company's executive officers under the 2020 Bonus Plan and the actual amount of such bonus, if any, were subject to the discretion of the Committee.

Equity Incentive Compensation

We believe that successful long-term corporate performance is more likely to be achieved with a corporate culture that encourages a long-term focus by our named executive officers and other employees through the use of equity awards, the value of which depends on our stock performance. We established our 2012 Equity Incentive Plan, as amended to provide all of our employees, including our named executive officers, with incentives to help align our employees' interests with the interests of our shareholders and to enable them to participate in the long-term appreciation of our shareholder value. Additionally, equity awards provide an important retention tool for all employees, as the awards generally are subject to vesting over an extended period of time based on continued service with us.

We typically grant equity awards in connection with hiring a new employee. In addition, equity awards may also be granted for performance annually at, or soon after, the end of each year, depending on position, performance and tenure at the Company.

The determination of whether to grant stock options, as well as the size of such grants, to our named executive officers involves assessments by the Compensation Committee and our Board of Directors and, with respect to named executive officers other than himself, our Chief Executive Officer. Generally, annual equity awards are driven by our desire to retain and motivate our named executive officers, and we consider individual performance and contributions during the preceding year to the extent the Compensation Committee and our Board of Directors believe such factors are relevant. As with base salary and cash bonuses, in evaluating and determining stock option grants to our named executive officers, the Compensation Committee and our Board of Directors also considers publicly available data prepared by Korn Ferry at the request of the Compensation Committee from other similar stage companies identified by the Compensation Committee.

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We currently grant stock options or stock awards to new employees or consultants when they join our Company based upon their position with us and their relevant prior experience. The range of options that can be granted to employees is prescribed in a schedule based on employee's title and position. The awards granted by the Compensation Committee generally vest over time during the ten-year option term (although some previously granted awards vest immediately), or upon the achievement of certain milestones. Unless otherwise agreed to by us with respect to a termination without "cause" or for "good reason," vesting and exercise rights generally cease upon termination of employment, except in the case of death (subject to a one-year limitation), disability or retirement. Prior to the exercise of an option, the holder has no rights as a shareholder with respect to the shares subject to such option, including voting rights or the right to receive dividends or dividend equivalents. In addition to the initial option grants, our Compensation Committee may grant additional options to retain our employees and reward, or provide incentive for, the achievement of corporate goals and strong individual performance. Our Board of Directors has not granted our Chief Executive Officer the discretion to grant options to non-executive employees upon joining our Company, or to make grants during each annual non-executive employee review cycle.

It is our policy to award stock options at an exercise price equal to the closing price on the NYSE American Market of our Common Stock on the date of the grant. For purposes of determining the exercise price of stock options, the grant date is deemed to be the later of the first day of employment for newly hired employees, or the date on which the Compensation Committee approves the stock option grant.

We have no program, practice or plan to grant stock options, in coordination with the release of material nonpublic information. We also have not timed the release of material nonpublic information for the purpose of affecting the value of stock options or other compensation, and we have no plan to do so. We do, however, have a policy regarding the adjustment or recovery of stock option awards in connection with the restatement of our financial statements, as our stock option awards have not been tied to the achievement of specific financial statement goals.

Other Compensation

Other aspects of compensation applicable to our named executive officers consist of the following:

Retirement Benefits. We maintain a Simple Individual Retirement Arrangement plan in which all full-time employees, including our named executive officers, are eligible to participate. We provide this plan to help its employees save some amount of their cash compensation for retirement in a tax efficient manner. We do not provide an option for its employees to invest in our stock under the 401k plan. We match 100% of the employee's contribution up to a maximum of 3% of the employee's compensation.

Health and Welfare Benefits. All full-time employees, including our named executive officers, may participate in our health and welfare benefit programs, including medical, dental and vision care coverage as may be provided and applicable to all employees.

Perquisites. We do not provide perquisites or other personal benefits to our named executive officers other than those that we provide to our employees.

Employment Agreements. During 2020, we had employment agreements in effect with Dr. Alan Joslyn, Mr. Michael Sullivan, and Dr. Martin Handfield. We entered into employment agreements with these officers to ensure that they would perform their respective roles with us for an extended period of time. In addition, we also considered the critical nature of each of their positions and our need to retain them when we committed to these agreements. In June 2020, we amended Dr. Joslyn's agreement to extend the term for a two-year period. See "Employment Contracts and Change in Control Arrangements."

2020 Named Executive Officer Compensation Decisions

We believe that the total compensation paid to our named executive officers for the fiscal year ended December 31, 2020 achieved the overall objectives of our executive compensation program. In accordance with our overall objectives, we believe executive compensation for 2020 was competitive with other similarly-sized companies. The Compensation Committee took the following key compensation actions in 2020:

Base Salaries

During 2020, we made no changes in the annual base salaries of our named executive officers.

Determination of Cash Bonus-2020

We made performance-based cash bonus awards pursuant to the terms of the 2020 Bonus Plan to Dr. Joslyn, Mr. Sullivan, and Dr. Handfield of \$137,813, \$60,361, and \$38,509, respectively, based upon their performance during 2020. These performance-based cash bonus awards were made in January of 2021.

Determination of Equity Awards:

We made stock option grants to Dr. Joslyn, Mr. Sullivan, and Dr. Handfield, under the Company's 2012 Equity Incentive Plan consisting of (i) an annual grant ("Annual Award"); and (ii) a retention grant (the "Retention Award"). Dr. Joslyn, Mr. Sullivan, and Dr. Handfield, received Annual Awards which vested immediately on the date of grant to purchase 400,000, 250,000 and 220,000 shares of Company Common Stock, respectively, at an exercise price of \$0.48 per share, the closing price of the Company's Common Stock on the grant date, February 5, 2020. Each of these officers also received a separate Retention Award which is subject to time-based vesting in equal annual installments over a three-year period on the first, second and third anniversaries of the date of grant, to purchase 400,000, 250,000 and 220,000 shares of Company Common Stock, respectively, at an exercise price of \$0.48 per share, the closing price of the Company's Common Stock on the grant date, February 5, 2020. The stock option

awards are subject to the standard terms and conditions of the Company's form of stock option agreement which includes, as applicable, earlier vesting upon a change in control of the Company.

Summary Compensation Table

The following table sets forth the aggregate compensation in 2020 and 2019 for services in all capacities paid or accrued by the Company to Dr. Alan Joslyn, our former President and Chief Executive Officer, Mr. Michael Sullivan, our Chief Financial Officer and Interim Principal Executive Officer and our next most highly compensated officers who earned more than \$100,000 in total salary and bonus during the fiscal year ended December 31, 2020 (the "Named Executive Officers").

Name and principal position	Year	Salary	Bonus(2)	Stock Awards (3)	Option Awards (3)	All Other Compensation (4)	Total
Michael O. Sullivan Chief Financial Officer and Interim Principal Executive Officer (1)	2020	\$229,950	\$ 60,361	\$ —	\$235,000	\$ 6,899	\$532,210
	2019	\$229,950	\$ 76,458	\$ —	\$ —	\$ 6,899	\$313,307
Dr. Martin Handfield Senior Vice President Discovery Research	2020	\$205,380	\$ 38,509	\$ —	\$206,800	\$ 6,162	\$456,851
	2019	\$205,380	\$ 33,374	\$ —	\$ —	\$ 6,162	\$244,916
Dr. Alan Joslyn (former President and Chief Executive Officer)	2020	\$367,500	\$137,813	\$ —	\$376,000	\$ 21,326	\$902,639
	2019	\$367,500	\$ 87,282	\$ —	\$ —	\$ 33,612	\$488,394

- Dr. Joslyn resigned from his position with us as President and Chief Executive Officer on May 2, 2021 and Mr. Sullivan was appointed as our Interim Principal Executive Officer.
- The amounts in this column for 2020 represent a performance-based cash bonus award made pursuant to the terms of the 2020 Bonus Plan which was earned in 2020 and paid in early January 2021.
- The amounts in this column represent the aggregate grant date fair value computed in accordance with Financial Accounting Standards Board Accounting Standards Codification, Topic 718, Compensation—Stock Compensation (ASC 718). On February 5, 2020, Dr. Joslyn, our former President and Chief Executive Officer, Mr. Sullivan, and Dr. Handfield were awarded stock options, under the Company's 2012 Equity Incentive Plan consisting of (i) an annual grant ("Annual Award"); and (ii) a retention grant (the "Retention Award"). Dr. Joslyn, Mr. Sullivan, and Dr. Handfield, received Annual Awards which vested immediately on the date of grant to purchase 400,000, 250,000 and 220,000 shares of Company Common Stock, respectively, at an exercise price of \$0.48 per share, the closing price of the Company's Common Stock on the grant date, February 5, 2020. Each of these officers also received a separate Retention Award which is subject to time-based vesting in equal annual installments over a three-year period on the first, second and third anniversaries of the date of grant, to purchase 400,000, 250,000 and 220,000 shares of Company Common Stock, respectively, at an exercise price of \$0.48 per share, the closing price of the Company's Common Stock on the grant date, February 5, 2020. The stock option awards are subject to the standard terms and conditions of the Company's form of stock option agreement which includes, as applicable, earlier vesting upon a change in control of the Company. Under Securities and Exchange Commission rules relating to executive compensation disclosure, the amounts shown exclude the impact of estimated forfeitures related to service-based vesting conditions. Fair values relating to share grants have been determined under ASC 718 and were calculated using the Common Stock closing price on the date of grant and multiplying that price by the number of shares subject to the share grant. The equity-based compensation expense relating to the stock grants is recognized over the requisite service period of the grant. For option awards, we utilize the Black-Scholes option pricing model to determine the fair value on the date of the grant multiplied by the number of options subject to the option grants in accordance with ASC 718. The stock-based compensation expense relating to the stock option grants is recognized over the requisite service period of the grant and the amounts included in the Option Awards column do not reflect compensation actually received by the named executive officers. For information on the assumptions used to calculate the fair value of stock option grants, refer to Note 8 - "Stock Compensation Plan" in our financial statements for the year ended December 31, 2020.

- Amounts in this column for Dr. Joslyn, Mr. Sullivan and Dr. Handfield represent the Company's matching contributions to our Simple IRA retirement plan. The retirement plan requires us to match employee contributions up to the first 3% of compensation earned. For Dr. Joslyn, the amount reflected also includes \$10,301, which represents amounts reimbursed by the Company for Dr. Joslyn's expense in commuting to the Company's headquarters in Tampa, Florida. Such reimbursement amount is included in Dr. Joslyn's compensation.

The Compensation Committee believes that our future success depends, in large part, upon our ability to maintain a competitive position in attracting, retaining and motivating key personnel. The Compensation Committee utilizes the 2012 Equity Incentive Plan to provide incentives to employees. We do not have any separate long-term incentive plans that provide compensation intended to serve as incentives for performance other than awards contemplated under, or pursuant to, our 2012 Equity Incentive Plan.

Outstanding Equity Awards

The following table provides information concerning unexercised options outstanding as of December 31, 2020:

Name	Number of securities underlying unexercised options (#) exercisable	Number of securities underlying unexercised options (#) unexercisable	Option exercise price (\$)	Option expiration date
Michael O. Sullivan Chief Financial Officer	250,000	250,000(1)	0.48	2/5/2030
	250,000		0.73	9/27/2028
	18,000		1.52	6/22/2028
	17,500		3.70	6/22/2027
	20,000		13.20	3/16/2025
	4,000		8.80	12/8/2024
	2,500		8.60	10/30/2024
	4,500		12.00	2/10/2022
Dr. Martin Handfield Senior Vice President of Discovery Research	220,000	220,000(1)	0.48	2/5/2030
	220,000		0.73	9/27/2028
	16,000		1.52	6/22/2028
	14,000		3.70	6/27/2027
	15,000		13.20	3/16/2025
	4,000		8.80	12/8/2024
Dr. Alan Joslyn	400,000	400,000(1)	0.48	2/5/2030

(Former President and Chief Executive Officer)	400,000	0.73	9/27/2028
	28,000	1.52	6/22/2028
	14,000	3.70	6/22/2027
	30,000	5.50	6/6/2026

- (1) Represents awards that are time vested with each award vesting evenly on an annual basis over three years, subject to earlier vesting upon a change in control as defined in the award agreements.

Other Policies and Considerations - Employment Contracts and Change in Control Arrangements

Employment Agreements—Mr. Sullivan and Dr. Handfield

We have entered into employment agreements with our Chief Financial Officer and Interim Principal Executive Officer, Mr. Michael Sullivan and Dr. Martin Handfield, our Senior Vice-President of Research and Development (the “Employment Agreements”). The annual base salaries provided in the Employment Agreements are payable in installments consistent with our normal payroll practices. Mr. Sullivan and Dr. Handfield are also eligible under the Employment Agreements to receive annual bonuses during the term at the discretion of the Compensation Committee and the Board of Directors with Mr. Sullivan’s Employment Agreement providing for such a discretionary bonus of up to 35% of his base salary and with Dr. Handfield’s Employment Agreement providing for a discretionary bonus component, which the Compensation Committee has set as up to 25% of his base salary.

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The Employment Agreements are terminable at any time by either party and if the executive officer is involuntarily terminated by us, he shall receive his base salary and vacation pay each accrued through the date of termination, and any nonforfeitable benefits earned and payable to him under the terms of the employee handbook (which applies to all employees) and benefits available under any applicable incentive plan in which the executive participates. In addition, if the executive officer’s separation from employment is not voluntary and without cause, we would be obligated to pay the executive officer six months of his annual base salary as severance and the executive shall be entitled to out placement services. If the executive officer is terminated for cause, he shall be entitled to receive his base salary and accrued vacation due through the date of termination and any nonforfeitable benefits already earned and payable to the executive under the terms of the employee handbook or other applicable incentive plans maintained by us. Cause is defined in the Employment Agreements as any action that is illegal, immoral, or improper that reflects on the Company, the employee, or the ability of either to function optimally. If the executive officer voluntarily resigns, he shall be entitled to this base salary and accrued vacation due through the date of termination (including any mutually agreed upon notice period) and any nonforfeitable benefits already earned and payable to the executive officer employee under the terms of the employee handbook or other incentive plans maintained by us.

If the executive officer dies during the term of employment with us, his estate shall be paid his salary as it would have accrued over a period of thirty days after the executive officer’s death. We shall also extend the executive officer’s right to exercise vested stock options for six months. In the event the executive officer becomes disabled (as defined in the then applicable short and long-term disability insurance policies) we shall pay to the executive officer his salary as it would have accrued over a period of 30 days after the executive became so disabled and we shall extend the executive officer’s right to exercise vested stock options for six months.

The Employment Agreements also each include non-disclosure and Company ownership of invention provisions, as well as a provision providing for the Company to defend and indemnify the executive if the executive is named as a defendant in any lawsuit regarding any action taken within the scope of employment. In the event of a change in control, any stock options or other awards granted (other than performance awards) under our 2012 Incentive Plan shall become immediately vested in full and, in the case of stock options, exercisable in full. If the change in control results in an involuntary separation from employment of the executive officer within 180 days following a change in control, the executive officer would be entitled to (i) receive six months of salary and the extension of his benefits (excluding vacation time and paid time off) and (ii) exercise vested options for six months from the date of separation. Under the Employment Agreements, “involuntary separation of employment” means (i) termination without cause, (ii) any reduction in responsibilities of office altering the status of the executive officer as an employee, or (iii) the duplication of the executive officer’s position by an equivalent executive in an acquiring entity; and “change in control” means the sale of the entire company, or substantially all of its assets, or the sale of the business unit employing an individual which results in the termination of employment or subsequent transfer of the employment relationship to another legal entity, or entity, or single party acquiring more shares than are owned by the Koski Family Limited Partnership, including its members and their immediate families, including spouses and their children.

On February 20, 2015, we entered into an amended and restated employment agreement, effective January 1, 2015, with Mr. Sullivan (the “A&R Employment Agreement”). The terms of Mr. Sullivan’s A&R Employment Agreement were substantially similar to those of the previous agreement disclosed above except for:

1. The percentage of base salary eligible for bonus awards was set as previously disclosed for Mr. Sullivan at up to 35% of base salary.
2. A provision was added in Mr. Sullivan’s agreement to provide for the clawback of bonuses pursuant to the Board’s adoption of a clawback policy. In the A&R Employment Agreement Mr. Sullivan acknowledges and agrees that any incentive-based compensation paid to him will be subject to clawback or repayment to the extent such clawback or repayment is required by the terms of the Company’s recoupment, clawback or similar policy as may be in effect from time to time, or as required by law.

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3. A provision was added whereby Mr. Sullivan would be required to release the Company as a condition to receiving any severance benefit provided by his A&R Employment Agreement with the form of release added and attached as an exhibit to his A&R Employment Agreement.
4. The definition of a change of control in the prior agreement was revised to align it with the definition of a change in control set forth in the Company’s 2012 Incentive Plan as follows:
 - (i) Any “person” (as such term is used in Sections 13(d) and 14(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”)) becomes the “beneficial owner” (as defined in Rule 13d 3 of the Exchange Act), directly or indirectly, of securities of the Company representing fifty percent (50%) or more of the total voting power represented by the Company’s then outstanding voting securities;
 - (ii) The consummation of the sale or disposition by the Company of all or substantially all of the Company’s assets;
 - (iii) A change in the composition of the Board occurring within a two-year period, as a result of which fewer than a majority of the directors are Incumbent Directors. “Incumbent Directors” means directors who either (A) are Directors as of the effective date of this Agreement, or (B) are elected, or nominated for election, to the Board with the affirmative votes of at least a majority of the Directors at the time of such election or nomination (but will not include an individual whose election or nomination is in connection with an actual or threatened proxy contest relating to the election of directors to the Company); or

- (iv) The consummation of a merger or consolidation of the Company with any other corporation, other than a merger or consolidation which would result in the voting securities of the Company outstanding immediately prior thereto continuing to represent (either by remaining outstanding or by being converted into voting securities of the surviving entity or its parent) at least fifty percent (50%) of the total voting power represented by the voting securities of the Company or such surviving entity or its parent outstanding immediately after such merger or consolidation.

Employment Agreement—Former President and Chief Executive Officer, Dr. Joslyn

We entered into an Executive Employment Agreement dated as of June 6, 2016, with Dr. Alan Joslyn pursuant to which Dr. Joslyn serves as our President and Chief Executive. The employment term was a one-year term with an automatic 12-month extension thereafter unless either party provides the other 30 days' prior written notice of its intention not to renew the employment agreement. On May 2, 2021, Dr. Joslyn resigned as a director, as our President and Chief Executive Officer. We expect to enter into a separation agreement with Dr. Joslyn.

In connection with his initial employment agreement with us, Dr. Joslyn received a one-time signing bonus of \$25,000 upon execution of the employment agreement and is currently entitled to receive an annual base salary of \$350,000 which is subject to annual review and adjustment by the Company's Board of Directors. Dr. Joslyn was eligible to receive annual performance bonus from the Company of up to fifty percent (50%) of his annual base salary based upon appropriate Company-based and individual-based targets specified by the Compensation Committee of the Board, in its discretion, as approved by the full Board of Directors. Dr. Joslyn was also entitled to participate in our employee benefit plans on terms comparable to other full-time employees as well as four weeks paid vacation annually.

Dr. Joslyn's initial employment agreement also provided for Dr. Joslyn to be granted equity awards under the Company's 2012 Incentive Plan consisting of (i) stock options to purchase 30,000 shares of the Company's Common Stock at an exercise price equal to \$5.50 per share, and (ii) 3,000 shares of restricted stock of the Company. Performance bonuses, as well as any equity awards which are granted to Dr. Joslyn or which become vested as a result of the satisfaction of financial performance goals of the Company, are subject to the Company's policy on recoupment or clawback of executive incentive compensation.

Dr. Joslyn is subject to a covenant not to disclose our confidential information during his employment term and an assignment of intellectual property rights. Also, during his employment term and for a period of 12 months thereafter, Dr. Joslyn covenants not to compete with us and not to solicit any of our customers, vendors or employees. If Dr. Joslyn breaches any of these covenants, the Company will be entitled to injunctive relief.

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If Dr. Joslyn's employment was terminated by us for Cause (as defined in his employment agreement) or by Dr. Joslyn during the term of the agreement, he will be entitled to receive his (i) his then-current annual base salary through the date of termination; (ii) any reimbursable expenses for which he has not yet been reimbursed as of the date of termination; and (iii) any other rights and vested benefits (if any) provided under employee benefit plans and programs of the Company, determined in accordance with the applicable terms and provisions of such plans and programs ("Accrued Compensation").

If Dr. Joslyn's employment was terminated by us without "Cause", subject to his execution of a release of claims against us, and in addition to the payment of the Accrued Compensation, the Company is obligated to make payments to Dr. Joslyn within 60 days after his termination date equal to six months of his annual base salary, as in effect at the termination date, plus any earned but unpaid bonus (the "Additional Severance Payments").

Dr. Joslyn's employment agreement also contained change of control provisions providing that if Dr. Joslyn's employment with the Company is terminated by the Company without Cause during the period of ninety (90) days following a Change in Control (as that term is defined below) of the Company, in lieu of the Additional Severance Payments described above, Dr. Joslyn will be entitled to receive a severance payment equal to the sum of (i) six (6) months of his annual base salary, at the higher of the base salary rate in effect on the date of termination or the base salary rate in effect immediately before the effective date of the Change of Control, and (ii) his Performance Bonus for the year which includes the effective date of the Change in Control, payable at the target level of performance, which will be paid in a single lump sum after his execution and non-revocation of the Release. In addition, he will also receive in the same payment the amount of any performance bonus that, as of the date of termination, has been earned by Dr. Joslyn but has not yet been paid by the Company. If Dr. Joslyn holds any stock options or other stock awards granted under the Company's 2012 Incentive Plan which are not fully vested at the time his employment with the Company is terminated by the Company without Cause during the period of ninety (90) days following a Change in Control, such equity awards shall become fully vested as of the termination date. For purposes of the employment agreement, the term "Change in Control" means a transaction or series of transactions which constitutes a sale of control of the Company, a change in effective control of the Company, or a sale of all or substantially all of the assets of the Company, or a transaction which qualifies as a "change in ownership" or "change in effective control" of the Company or a "change in ownership of substantially all of the assets" of the Company under the standards set forth in Treasury Regulation section 1.409A-3(i)(5).

Dr. Joslyn's employment agreement also provided that each of the payments and benefits under the agreement are subject to compliance with Section 409A of the Code and it includes time of payment language intended to comply with Section 409A requirements. On June 8, 2018, we entered into an amendment to Dr. Joslyn's employment agreement which extended the term of his agreement to June 6, 2020. On June 5, 2020, we entered into a second amendment that extended the term for another two years.

Tax and Accounting Implications

Deductibility of Executive Compensation

The Compensation Committee takes into consideration the tax consequences of compensation to the named executive officers, but tax considerations are not a significant part of our Company's compensation policy.

Accounting for Share-Based Compensation

We account for share-based compensation in accordance with the requirements of FASB ASC Topic 718. This accounting treatment has not significantly affected our executive compensation decisions.

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Clawbacks

In order to further align management's interests with those of shareholders and to support the Company's governance practices, the Board of Directors adopted a recoupment policy applicable to annual bonuses and other short-term and long-term incentive compensation based on financial targets ("Incentive Compensation") received by current and former executive officers of the Company and such other senior executives/employees of the Company who may from time to time be deemed subject to the policy by the Board of Directors ("Covered Executive"). The policy provides that if, as a result of a restatement of the Company's financial statements due to the Company's material noncompliance with any financial reporting requirement under the securities laws, a Covered Executive received more Incentive Compensation than the Covered Executive would have received absent the incorrect financial statements, the Company shall recover said excess Incentive Compensation (defined as the excess of (i) the actual amount of Incentive Compensation paid to the Covered Executive over (ii) the Incentive Compensation that would have been paid based on the restated financial results during the three-year period preceding the date on which the Company is required to prepare such restatement). The policy also provides that if the Board of Directors makes a determination in its sole discretion that a Covered Executive engaged in Misconduct (as defined below), the Board of Directors may require reimbursement or forfeiture of all or part of the

Incentive Compensation received by the Covered Executive. The Board of Directors may use its judgment in determining the amount to be recovered. Misconduct is defined as (i) conviction of a felony, (ii) material breach of any agreement with the Company, (iii) material breach of any Company policy or code, (iv) act of theft, embezzlement or fraud, (v) misrepresentation or misstatement of financial or performance results, and (vi) any other act or event that the Board of Directors has determined that recoupment is appropriate.

Consideration of Shareholder Advisory Vote on Executive Compensation

The Compensation Committee also expects to consider the results of our shareholder advisory vote on executive compensation. At the Company's previous annual meeting, our shareholders voted in favor of the compensation of our named executive officers: approximately 95.4% of the shares represented in person or by proxy having voted in favor of the program. In light of these results, among other factors, the Compensation Committee decided to substantially continue the executive compensation program in 2020. The Board of Directors determined that shareholder advisory votes on executive compensation will be submitted to our shareholders annually until the next required advisory vote on the frequency of conducting advisory votes on executive compensation.

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SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED SHAREHOLDER MATTERS

The following table sets forth information about beneficial ownership of our Common Stock as of May 5, 2021 (unless otherwise noted) by (i) each shareholder that has indicated in public filings that the shareholder beneficially owns more than five percent of the Common Stock, (ii) each of the Company's directors and named officers and (iii) all directors and officers as a group. Except as otherwise noted, each person listed below, either alone or together with members of the person's family sharing the same household, had, to our knowledge, sole voting and investment power with respect to the shares listed next to the person's name.

Name and address(1)	Number of shares beneficially owned	Percentage of ownership (2)
Directors and officers		
Dr. Frederick W. Telling (3)	1,388,158	1.2%
Robert C. Koski (4)	2,382,964	2.0%
Charles L. Pope (5)	826,728	*%
Dr. Alan Dunton (6)	859,881	*%
Kimberly Murphy (7)	298,664	*%
Michael Sullivan (8)	664,088	*%
(All Directors and officers as a group 6 persons)	6,420,483	5.3%
5% shareholders		
Joseph Hernandez (9)	9,200,000	7.4%

* Beneficial ownership percentage is less than 1%.

- (1) Except as indicated, the address of the person named in the table is c/o Oragenics, Inc., 4902 Eisenhower Blvd., Suite 125, Tampa, Florida 33634.
- (2) In computing the number of shares beneficially owned by a person and the percentage ownership of that person, shares of the Common Stock subject to options or warrants held by that person that are currently exercisable or will become exercisable within 60 days after May 5, 2021 are deemed outstanding, while the shares are not deemed outstanding for purposes of computing percentage ownership of any other person. Except as otherwise indicated, and subject to applicable community property laws, the persons named in the table have sole voting and investment power with respect to all shares of the Common Stock held by them. Applicable percentage ownership is based on 115,638,266 shares of the Common Stock outstanding as of May 5, 2021. The inclusion in the table above of any shares deemed beneficially owned does not constitute an admission of beneficial ownership of those shares.
- (3) Includes: (i) 798,620 shares able to be acquired pursuant to stock options, and (ii) 150,000 shares able to be acquired upon the exercise of warrants.
- (4) The share amounts include: (i) 776,483 shares held by the Koski Family Limited Partnership ("KFLP") of which Mr. Koski is a general partner; (ii) 300,000 shares able to be acquired by the KFLP upon conversion of Series B Convertible Preferred Stock; (iii) 241,936 shares able to be acquired by the KFLP upon exercise of warrants; (iv) 212,839 shares owned directly by Mr. Koski; (v) 53,086 shares owned directly by trusts for which Mr. Koski serves as sole trustee as follows: the Robert Clayton Koski Trust for the benefit of Anthony James Hunter (10,760 shares); The Robert Clayton Koski Trust for the benefit of Hunter Buchanan Koski (10,760 shares); The Robert Clayton Koski Trust for the benefit of Clayton Ward Bennett (10,000 shares); and The Robert Clayton Koski Trust for the benefit of Robert Edward Koski (10,760 shares) and the Robert Clayton Koski Trust for the benefit of Elyse Margaux Koski (10,806 shares); and (vi) 798,620 shares able to be acquired pursuant to stock options. The address of the KFLP is 3525 Turtle Creek Boulevard #19B, Dallas, TX 75219.
- (5) Includes: 798,620 shares able to be acquired pursuant to stock options.
- (6) Includes: (i) 798,620 shares able to be acquired pursuant to stock options and (ii) 20,000 shares able to be acquired upon the exercise of warrants.
- (7) Includes 298,664 shares able to be acquired pursuant to stock options
- (8) Includes: 649,833 shares able to be acquired pursuant to stock options and excludes 416,667 shares subject to options that have not vested.
- (9) Based upon information provided by Mr. Hernandez in his Schedule 13D filing with the SEC on January 26, 2021, Mr. Hernandez is the beneficial owner of 9,200,000 shares of Common Stock issuable upon exercise of warrants at an exercise price of \$1.25 per share that are exercisable.

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CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

Securities and Exchange Commission rules require us to disclose any transaction or currently proposed transaction in which we are a participant and in which any related person has or will have a direct or indirect material interest involving an amount that exceeds the lesser of \$120,000 or one percent (1%) of the average of the Company's total assets as of the end of the last two completed fiscal years. A related person is any executive officer, director, nominee for director, or holder of 5% or more of the Company's Common Stock, or an immediate family member of any of those persons.

The Audit Committee of the Board of Directors (or, to the extent applicable, our disinterested directors) is responsible for reviewing all transactions between the Company and any officer or Director of the Company or any entity in which an officer of Director has a material interest. Any such transactions must be on terms no less favorable than those that could be obtained on an arms-length basis from independent third parties.

Financing Transactions

The March 25, 2019 Underwritten Public Offering

On March 25, 2019 we closed on an underwritten public offering of 16,666,668 shares of our Common stock, par value \$0.001 per share (the "Common Stock"), together with Series 1 Warrants to purchase up to an aggregate of 8,333,334 shares of our Common Stock (the "Series 1 Warrants") and Series 2 Warrants to purchase up to an aggregate of 8,333,334 shares of our Common Stock (the "Series 2 Warrants"), at a price to the public of \$0.75 per share and related warrants (the "Public Offering"). We also

granted the Underwriter a 30-day option to purchase up to an additional 2,500,000 additional shares of Common Stock (the "Option Shares") and/or Series 1 Warrants to purchase up to 1,250,000 shares of Common Stock and Series 2 Warrants to purchase up to 1,250,000 shares of Common Stock (the "Option Warrants").

Each Series 1 Warrant had an exercise price of \$0.75 per share of Common Stock and expired on the earlier of (1) the eighteen-month anniversary of the date of issuance and (2) twenty-one trading days following the Company's release of top-line data related to its Phase 2 double blind, placebo controlled clinical trial of AG013. Each Series 2 Warrant has an exercise price of \$0.90 per share of Common Stock and will expire five years following the date of issuance.

Dr. Frederick Telling, our Chairman and our former Chief Executive Officer, Dr. Alan Joslyn, participated in the Public Offering through the purchase of 100,000 shares and 66,667 shares, respectively, of the Company's Common Stock and Series 1 warrants to purchase 50,000 shares and 33,333 shares, and Series 2 warrants to purchase 50,000 shares and 33,333 shares respectively, of the Company's Common Stock. Dr. Telling and Dr. Joslyn's participation was approved by our Audit Committee.

Stock Purchase Agreement-Acquisition of Noachis Terra Inc.

On May 1, 2020, we entered into a Stock Purchase Agreement with Mr. Joseph Hernandez, the sole shareholder of Noachis Terra, pursuant to which we acquired one hundred percent (100%) of the total issued and outstanding common stock of Noachis Terra (the "Transaction"). In exchange, Mr. Hernandez, received the following: (i) cash consideration equal to \$1,925,000, of which approximately \$500,000 was applied to extinguish Noachis Terra's pre-Transaction liabilities (a portion of which were due to Mr. Hernandez); (ii) 9,200,000 restricted shares of our Common Stock; and (iii) warrants to purchase 9,200,000 shares of our Common Stock, which warrants carry an exercise price of \$1.25 per share, a five-year term, and are currently exercisable.

In addition to the above consideration, Mr. Hernandez was entitled to receive contingent consideration based upon the exercise of certain of our outstanding warrants as follows: (i) twenty percent (20%) of the cash proceeds received by the Company upon exercise of the Company's warrants carrying an exercise price of \$0.75 and \$0.90; and (ii) forty-five percent (45%) of the cash proceeds received by the Company upon exercise of the Company's warrants carrying an exercise price of \$1.00, in each case, for so long as the warrants remain outstanding. The warrants with an exercise price of \$0.75 expired on May 14, 2020 pursuant to their terms.

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Pursuant to the Stock Purchase Agreement, within thirty (30) days of the Transaction's closing, we filed with the Securities and Exchange Commission a registration statement covering the 9,200,000 shares of the Company's Common Stock and the warrants to purchase 9,200,000 shares of the Company's Common Stock, which was filed on May 29, 2020 and declared effective on June 30, 2020.

November 2020 Public Offering

On November 24, 2020, the Company announced the closing of an underwritten public offering for gross proceeds of approximately \$6.0 million, which included the full exercise of the underwriter's over-allotment option to purchase additional shares, prior to deducting underwriting discounts and commissions and offering expenses payable by the Company.

The offering was comprised of 14,189,189 shares of Common Stock at a price to the public of \$0.37 per share. The Company granted the underwriter a 45-day option to purchase up to 2,128,378 additional shares of Common Stock of the Company at the public offering price, less underwriting discounts and commissions. The underwriter exercised its option in full to purchase 2,128,378 additional shares of Common Stock, which the indicated gross proceeds reflect.

Dr. Frederick Telling who is a Director and Chairman of the Company, participated in the offering through the purchase of 100,000 shares of the Company's Common Stock. Dr. Telling's participation was approved by the Company's Audit Committee.

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DELINQUENT SECTION 16(a) REPORTS

Section 16(a) of the Securities Exchange Act of 1934 requires the Company's officers and Directors and any persons who beneficially own more than ten percent of the Company's Common Stock to file reports of ownership and changes in ownership of such securities with the Securities and Exchange Commission Officers, Directors and beneficial owners of more than ten percent of the Common Stock are required by applicable regulations to furnish the Company with copies of all Section 16(a) forms they file. Based solely on its review of copies of forms furnished to the Company and written representations from the executive officers, Directors and holders of ten percent or more of the Company's Common Stock, the Company believes, all person's subject to the reporting requirements with regard to the Common Stock complied with the applicable filing requirements during 2020.

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OTHER MATTERS

Interim Corporate Mailings

In accordance with National Instrument 54-102 of the Canadian Securities Administrators, registered and beneficial shareholders of the Company may elect annually to receive interim corporate mailings, including interim financial statements of the Company, if they so request. If you wish to receive such mailings, please complete the form in **Appendix C** and mail as instructed on the form.

Availability of Annual Report on Form 10-K

Accompanying this Proxy Statement is a copy of the Company's Annual Report on Form 10-K for 2020. Shareholders who would like additional copies of the Annual Report on Form 10-K should direct their requests in writing to:

Oragenics, Inc.
4902 Eisenhower Blvd., Suite 125
Tampa, Florida 33634
Attention: Michael Sullivan, Secretary.

Miscellaneous

Management does not know of any matters to be brought before the Annual Meeting of Shareholders other than as described in this Proxy Statement. Should any other matters properly come before the Annual Meeting of Shareholders, the persons designated as proxies will vote in accordance with their best judgment on such matters.

BY ORDER OF THE

Michael Sullivan,
Secretary

Tampa, Florida
May [], 2021

APPENDIX A
ARTICLES OF AMENDMENT TO THE
AMENDED AND RESTATED ARTICLES OF INCORPORATION
ORAGENICS, INC.

(Document Number P96000091949)

Oragenics, Inc. (the "Corporation"), does hereby certify that the Corporation's Articles of Incorporation originally filed with the Florida Department of State on November 6, 1996, as amended and restated on May 8, 2002, as further amended by those certain amendments filed October 28, 2009, September 22, 2010, August 30, 2011, June 2, 2014, January 10, 2017, May 8, 2017, November 8, 2017, December 5, 2017, December 29, 2017, January 16, 2018, June 22, 2018 and July 13, 2018 are hereby further amended pursuant to Section 607.1006 of the Florida Business Corporation Act of the State of Florida.

The Corporation does hereby further certify that this amendment was duly adopted by the Corporation's Board of Directors and by the shareholders of the Corporation in accordance with the applicable provisions of Section 607.0725 of the Florida Business Corporation Act of the State of Florida. The Corporation's Board of Directors adopted this amendment on March 31, 2021 and recommended that this amendment be adopted by the Corporation's shareholders. This amendment was adopted by the shareholders on June 30, 2021 and the number of votes cast for the amendment by the shareholders was sufficient for approval. This amendment shall become effective on June 30, 2021 at 12:01 p.m.

The Amended and Restated Articles of Incorporation of the Corporation, as amended, are amended as follows:

The first paragraph of Article II of the Amended and Restated Articles of Incorporation, as amended, shall be deleted in its entirety and replaced with the following:

"*Capital Stock*: The aggregate number of shares of all classes of capital stock which this Corporation shall have authority to issue is 300,000,000 shares, consisting of (i) 250,000,000 shares of common stock, par value \$0.001 per share ("Common Stock") and (ii) 50,000,000 shares of preferred stock, no par value ("Preferred Stock")."

The remainder of the Amended and Restated Articles of Incorporation, as amended, shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the undersigned, the Chief Financial Officer, Secretary and Treasurer of the Corporation, has executed these Articles of Amendment this 30th day of June, 2021.

Michael Sullivan, Chief Financial Officer,
Secretary and Treasurer

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APPENDIX B
ORAGENICS, INC.
2021 EQUITY INCENTIVE PLAN

1. GENERAL.

(a) Plan Purpose. The Company, by means of the Plan, seeks to secure and retain the services of Employees, Directors and Consultants, to provide incentives for such persons to exert maximum efforts for the success of the Company and any Affiliate and to provide a means by which such persons may be given an opportunity to benefit from increases in value of the Common Stock through the granting of Awards.

(b) Available Awards. The Plan provides for the grant of the following Awards: (i) Incentive Stock Options; (ii) Nonstatutory Stock Options; (iii) SARs; (iv) Restricted Stock Awards; (v) RSU Awards; (vi) Performance Awards; and (vii) Other Awards.

(c) Adoption Date. The Plan will come into existence on the Adoption Date. No Award may be granted under the Plan prior to the Adoption Date. Any Award granted prior to the Effective Date is contingent upon timely receipt of shareholder approval to the extent required under applicable tax, securities and regulatory rules, and satisfaction of any other compliance requirements.

(d) Successor to and Continuation of Prior Plans. The Plan is the successor to and continuation of the Company's 2012 Equity Incentive Plan, as amended from time to time. As of the Effective Date, (i) no additional awards may be granted under the 2012 Equity Incentive Plan; (ii) the Prior Plans' Available Reserve plus any Returning Shares will become available for issuance pursuant to Awards granted under this Plan; and (iii) all outstanding awards granted under the 2012 Equity Incentive Plan will remain subject to the terms of the 2012 Equity Incentive Plan (except to the extent such outstanding awards result in Returning Shares that become available for issuance pursuant to Awards granted under this Plan). All Awards granted under this Plan will be subject to the terms of this Plan.

2. SHARES SUBJECT TO THE PLAN.

(a) Share Reserve. Subject to adjustment in accordance with Section 2(d) and any adjustments as necessary to implement any Capitalization Adjustments, the aggregate number of shares of Common Stock that may be issued pursuant to Awards will not exceed the sum of (i) 10,000,000 new shares, plus (ii) the Prior Plans' Available Reserve; plus, (iii) the number of Returning Shares, if any, as such shares become available from time to time.

(b) Fungible Share Counting. Subject to adjustment in accordance with Section 2(d), the number of shares of Common Stock available for issuance under the Plan will be reduced by: (i) one share for each share of Common Stock issued pursuant to an Option or SAR with respect to which the exercise or strike price is at least 100% of the Fair Market Value of the Common Stock subject to the Option or SAR on the grant date (each, an "*Appreciation Award*"); and (ii) 1.20 shares for each share of Common Stock

issued pursuant to any Award (other than an Appreciation Award) (each, a “*Full Value Award*”).

(c) Aggregate Incentive Stock Option Limit. Notwithstanding anything to the contrary in Section 2(a) and subject to any adjustments as necessary to implement any Capitalization Adjustments, the aggregate maximum number of shares of Common Stock that may be issued pursuant to the exercise of Incentive Stock Options is 10,000,000 shares.

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(d) Share Reserve Operation.

(i) Limit Applies to Common Stock Issued Pursuant to Awards. For clarity, the Share Reserve is a limit on the number of shares of Common Stock that may be issued pursuant to Awards and does not limit the granting of Awards, except that the Company will keep available at all times the number of shares of Common Stock reasonably required to satisfy its obligations to issue shares pursuant to such Awards. Shares may be issued in connection with a merger or acquisition as permitted by, as applicable, Nasdaq Listing Rule 5635(c), NYSE Listed Company Manual Section 303A.08, NYSE American Company Guide Section 711 or other applicable rule, and such issuance will not reduce the number of shares available for issuance under the Plan.

(ii) Actions that Do Not Constitute Issuance of Common Stock and Do Not Reduce Share Reserve. The following actions do not result in an issuance of shares under the Plan and accordingly do not reduce the number of shares subject to the Share Reserve and available for issuance under the Plan: (1) the expiration or termination of any portion of an Award without the shares covered by such portion of the Award having been issued, (2) the settlement of any portion of an Award in cash (*i.e.*, the Participant receives cash rather than Common Stock), (3) the withholding of shares that would otherwise be issued by the Company to satisfy the exercise or strike price of an Appreciation Award; (4) the withholding of shares that would otherwise be issued by the Company to satisfy a tax withholding obligation in connection with an Appreciation Award.

(iii) Reversion of Previously Issued Shares of Common Stock to Share Reserve. The following shares of Common Stock previously issued pursuant to an Award and accordingly initially deducted from the Share Reserve will be added back to the Share Reserve and again become available for issuance under the Plan: (1) any shares that are forfeited back to or repurchased by the Company because of a failure to meet a contingency or condition required for the vesting of such shares; (2) any shares that are reacquired by the Company to satisfy the exercise or strike price of an Appreciation Award; and (3) any shares that are reacquired by the Company to satisfy a tax withholding obligation in connection with an Appreciation Award. For each share subject to a Full Value Award that is added back to the Share Reserve pursuant to this subsection, the number of shares of Common Stock available for issuance under the Plan will increase by 1.20 shares.

(iv) Shares Not Available For Subsequent Issuance. Any shares of Common Stock reacquired or withheld (or not issued) by the Company to satisfy the purchase price of a Full Value Award will no longer be available for issuance under the Plan, including any shares subject to a Full Value Award that are not delivered to a Participant because such Full Value Award is settled through a reduction of shares subject to such Full Value Award. In addition, any shares reacquired or withheld (or not issued) by the Company to satisfy a tax withholding obligation in connection with a Full Value Award, or any shares repurchased by the Company on the open market with the proceeds from the purchase price of a Full Value Award will no longer be available for issuance under the Plan.

3. ELIGIBILITY AND LIMITATIONS.

(a) Eligible Award Recipients. Subject to the terms of the Plan, Employees, Directors and Consultants are eligible to receive Awards.

(b) Specific Award Limitations.

(i) Limitations on Incentive Stock Option Recipients. Incentive Stock Options may be granted only to Employees of the Company or a “parent corporation” or “subsidiary corporation” thereof (as such terms are defined in Sections 424(e) and (f) of the Code).

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(ii) Incentive Stock Option \$100,000 Limitation. To the extent that the aggregate Fair Market Value (determined at the time of grant) of Common Stock with respect to which Incentive Stock Options are exercisable for the first time by any Optionholder during any calendar year (under all plans of the Company and any Affiliates) exceeds \$100,000 (or such other limit established in the Code) or otherwise does not comply with the rules governing Incentive Stock Options, the Options or portions thereof that exceed such limit (according to the order in which they were granted) or otherwise do not comply with such rules will be treated as Nonstatutory Stock Options, notwithstanding any contrary provision of the applicable Option Agreement(s).

(iii) Limitations on Incentive Stock Options Granted to Ten Percent Shareholders. A Ten Percent Shareholder may not be granted an Incentive Stock Option unless (i) the exercise price of such Option is at least 110% of the Fair Market Value on the date of grant of such Option and (ii) the Option is not exercisable after the expiration of five years from the date of grant of such Option.

(iv) Limitations on Nonstatutory Stock Options and SARs. Nonstatutory Stock Options and SARs may not be granted to Employees, Directors and Consultants who are providing Continuous Service only to any “parent” of the Company (as such term is defined in Rule 405) unless the stock underlying such Awards is treated as “service recipient stock” under Section 409A because the Awards are granted pursuant to a corporate transaction (such as a spin off transaction) or unless such Awards otherwise comply with the distribution requirements of Section 409A.

(c) Aggregate Incentive Stock Option Limit. The aggregate maximum number of shares of Common Stock that may be issued pursuant to the exercise of Incentive Stock Options is the number of shares specified in Section 2(c).

(d) Non-Employee Director Compensation Limit. The aggregate value of all Awards granted to any individual for service as a Non-Employee Director with respect to any calendar year will not exceed (i) \$300,000 in total value or (ii) in the event such Non-Employee Director is first appointed or elected to the Board during such calendar year, \$500,000 in total value, in each case calculating the value of any equity awards based on the grant date fair value of such equity awards for financial reporting purposes.

4. OPTIONS.

Each Option will have such terms and conditions as determined by the Board. Each Option will be designated in writing as an Incentive Stock Option or Nonstatutory Stock Option at the time of grant; provided, however, that if an Option is not so designated, then such Option will be a Nonstatutory Stock Option, and the shares purchased upon exercise of each type of Option will be separately accounted for. The terms and conditions of separate Options need not be identical; provided, however, that each Option Agreement will conform (through incorporation of provisions hereof by reference in the Award Agreement or otherwise) to the substance of each of the following provisions:

(a) Term. Subject to Section 3(b) regarding Ten Percent Shareholders, no Option will be exercisable after the expiration of ten years from the date of grant of such Award or such shorter period specified in the Award Agreement.

(b) Exercise or Strike Price. Subject to Section 3(b) regarding Ten Percent Shareholders, the exercise or strike price of each Option will not be less than 100% of the Fair Market Value on the date of grant of such Award. Notwithstanding the foregoing, an Option may be granted with an exercise or strike price lower than 100% of the Fair

(c) Exercise Procedure and Payment of Exercise Price for Options. In order to exercise an Option, the Participant must provide notice of exercise to the Plan Administrator in accordance with the procedures specified in the Option Agreement or otherwise provided by the Company. The Board has the authority to grant Options that do not permit all of the following methods of payment (or otherwise restrict the ability to use certain methods) and to grant Options that require the consent of the Company to utilize a particular method of payment. The exercise price of an Option may be paid, to the extent permitted by Applicable Law and as determined by the Board, by one or more of the following methods of payment to the extent set forth in the Option Agreement:

(i) by cash or check, bank draft or money order payable to the Company;

(ii) pursuant to a “cashless exercise” program developed under Regulation T as promulgated by the Federal Reserve Board that, prior to the issuance of the Common Stock subject to the Option, results in either the receipt of cash (or check) by the Company or the receipt of irrevocable instructions to pay the exercise price to the Company from the sales proceeds;

(iii) by delivery to the Company (either by actual delivery or attestation) of shares of Common Stock that are already owned by the Participant free and clear of any liens, claims, encumbrances or security interests, with a Fair Market Value on the date of exercise that does not exceed the exercise price, provided that (1) at the time of exercise the Common Stock is publicly traded, (2) any remaining balance of the exercise price not satisfied by such delivery is paid by the Participant in cash or other permitted form of payment, (3) such delivery would not violate any Applicable Law or agreement restricting the redemption of the Common Stock, (4) any certificated shares are endorsed or accompanied by an executed assignment separate from certificate, and (5) such shares have been held by the Participant for any minimum period necessary to avoid adverse accounting treatment as a result of such delivery;

(iv) if the Option is a Nonstatutory Stock Option, by a “net exercise” arrangement pursuant to which the Company will reduce the number of shares of Common Stock issuable upon exercise by the largest whole number of shares with a Fair Market Value on the date of exercise that does not exceed the exercise price, provided that (1) such shares used to pay the exercise price will not be exercisable thereafter and (2) any remaining balance of the exercise price not satisfied by such net exercise is paid by the Participant in cash or other permitted form of payment; or

(v) in any other form of consideration that may be acceptable to the Board and permissible under Applicable Law.

(d) Transferability. Options may not be transferred to third party financial institutions for value. The Board may impose such additional limitations on the transferability of an Option as it determines. In the absence of any such determination by the Board, the following restrictions on the transferability of Options will apply, provided that except as explicitly provided herein, no Option may be transferred for consideration and *provided, further*, that if an Option is an Incentive Stock Option, such Option may be deemed to be a Nonstatutory Stock Option as a result of such transfer:

(i) Restrictions on Transfer. An Option will not be transferable, except by will or by the laws of descent and distribution, and will be exercisable during the lifetime of the Participant only by the Participant; provided, however, that the Board may permit transfer of an Option in a manner that is not prohibited by applicable tax and securities laws upon the Participant’s request, including to a trust if the Participant is considered to be the sole beneficial owner of such trust (as determined under Section 671 of the Code and applicable state law) while such Option is held in such trust, provided that the Participant and the trustee enter into a transfer and other agreements required by the Company.

(ii) Domestic Relations Orders. Notwithstanding the foregoing, subject to the execution of transfer documentation in a format acceptable to the Company and subject to the approval of the Board or a duly authorized Officer, an Option may be transferred pursuant to a domestic relations order.

(e) Vesting. The Board may impose such restrictions on or conditions to the vesting and/or exercisability of an Option as determined by the Board. Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, vesting of Options will cease upon termination of the Participant’s Continuous Service.

(f) Termination of Continuous Service for Cause. Except as explicitly otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, if a Participant’s Continuous Service is terminated for Cause, the Participant’s Options will terminate and be forfeited immediately upon such termination of Continuous Service, and the Participant will be prohibited from exercising any portion (including any vested portion) of such Awards on and after the date of such termination of Continuous Service and the Participant will have no further right, title or interest in such forfeited Award, the shares of Common Stock subject to the forfeited Award, or any consideration in respect of the forfeited Award.

(g) Post-Termination Exercise Period Following Termination of Continuous Service for Reasons Other than Cause. Subject to Section 4(h), if a Participant’s Continuous Service terminates for any reason other than for Cause, the Participant may exercise his or her Options to the extent vested, but only within the following period of time or, if applicable, such other period of time provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate; provided, however, that in no event may such Award be exercised after the expiration of its maximum term (as set forth in Section 4(a)):

(i) three months following the date of such termination if such termination is a termination without Cause (other than any termination due to the Participant’s Disability or death);

(ii) 12 months following the date of such termination if such termination is due to the Participant’s Disability;

(iii) 18 months following the date of such termination if such termination is due to the Participant’s death; or

(iv) 18 months following the date of the Participant’s death if such death occurs following the date of such termination but during the period such Award is otherwise exercisable (as provided in (i) or (ii) above).

Following the date of such termination, to the extent the Participant does not exercise such Award within the applicable Post-Termination Exercise Period (or, if earlier, prior to the expiration of the maximum term of such Award), such unexercised portion of the Award will terminate, and the Participant will have no further right, title or interest in the terminated Award, the shares of Common Stock subject to the terminated Award, or any consideration in respect of the terminated Award.

(h) Restrictions on Exercise; Extension of Exercisability. A Participant may not exercise an Option at any time that the issuance of shares of Common Stock upon such exercise would violate Applicable Law. Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, if a Participant’s Continuous Service terminates for any reason other than for Cause and, at any time during the last thirty days of the applicable Post-Termination Exercise Period: (i) the exercise of the Participant’s Option would be prohibited solely because the issuance of shares of Common Stock upon such exercise would violate Applicable Law, or (ii) the immediate sale of any shares of Common Stock issued upon such exercise would violate the Company’s Trading Policy, then the applicable Post-

Termination Exercise Period will be extended to the last day of the calendar month that commences following the date the Award would otherwise expire, with an additional extension of the exercise period to the last day of the next calendar month to apply if any of the foregoing restrictions apply at any time during such extended exercise period, generally without limitation as to the maximum permitted number of extensions); provided, however, that in no event may such Award be exercised after the expiration of its maximum term (as set forth in Section 4(a)).

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(i) Whole Shares. Options may be exercised only with respect to whole shares of Common Stock or their equivalents.

5. STOCK APPRECIATION RIGHTS.

Each SAR will have such terms and conditions as determined by the Board. Each SAR will be denominated in shares of Common Stock equivalents. The terms and conditions of separate SARs need not be identical; provided, however, that each SAR Agreement will conform (through incorporation of provisions hereof by reference in the Award Agreement or otherwise) to the substance of each of the following provisions:

(a) Term. Subject to Section 3(b) regarding Ten Percent Shareholders, no SAR will be exercisable after the expiration of ten years from the date of grant of such Award or such shorter period specified in the Award Agreement.

(b) Exercise or Strike Price. Subject to Section 3(b) regarding Ten Percent Shareholders, the exercise or strike price of each SAR will not be less than 100% of the Fair Market Value on the date of grant of such Award.

(c) Exercise Procedure and Payment of Appreciation Distribution for SARs. In order to exercise any SAR, the Participant must provide notice of exercise to the Plan Administrator in accordance with the SAR Agreement. The appreciation distribution payable to a Participant upon the exercise of a SAR will not be greater than an amount equal to the excess of (i) the aggregate Fair Market Value on the date of exercise of a number of shares of Common Stock equal to the number of Common Stock equivalents that are vested and being exercised under such SAR, over (ii) the strike price of such SAR. Such appreciation distribution may be paid to the Participant in the form of Common Stock or cash (or any combination of Common Stock and cash) or in any other form of payment, as determined by the Board and specified in the SAR Agreement.

(d) Transferability. SARs may not be transferred to third party financial institutions for value. The Board may impose such additional limitations on the transferability of an SAR as it determines. In the absence of any such determination by the Board, the following restrictions on the transferability of SARs will apply, provided that except as explicitly provided herein, no SAR may be transferred for consideration:

(i) Restrictions on Transfer. An SAR will not be transferable, except by will or by the laws of descent and distribution, and will be exercisable during the lifetime of the Participant only by the Participant; provided, however, that the Board may permit transfer of an SAR in a manner that is not prohibited by applicable tax and securities laws upon the Participant's request, including to a trust if the Participant is considered to be the sole beneficial owner of such trust (as determined under Section 671 of the Code and applicable state law) while such SAR is held in such trust, provided that the Participant and the trustee enter into a transfer and other agreements required by the Company.

(ii) Domestic Relations Orders. Notwithstanding the foregoing, subject to the execution of transfer documentation in a format acceptable to the Company and subject to the approval of the Board or a duly authorized Officer, an SAR may be transferred pursuant to a domestic relations order.

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(e) Vesting. The Board may impose such restrictions on or conditions to the vesting and/or exercisability of an SAR as determined by the Board. Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, vesting of SARs will cease upon termination of the Participant's Continuous Service.

(f) Termination of Continuous Service for Cause. Except as explicitly otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, if a Participant's Continuous Service is terminated for Cause, the Participant's SARs will terminate and be forfeited immediately upon such termination of Continuous Service, and the Participant will be prohibited from exercising any portion (including any vested portion) of such Awards on and after the date of such termination of Continuous Service and the Participant will have no further right, title or interest in such forfeited Award, the shares of Common Stock subject to the forfeited Award, or any consideration in respect of the forfeited Award.

(g) Post-Termination Exercise Period Following Termination of Continuous Service for Reasons Other than Cause. Subject to Section 5(h), if a Participant's Continuous Service terminates for any reason other than for Cause, the Participant may exercise his or her SARs to the extent vested, but only within the following period of time or, if applicable, such other period of time provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate; provided, however, that in no event may such Award be exercised after the expiration of its maximum term (as set forth in Section 5(a) above):

(i) three months following the date of such termination if such termination is a termination without Cause (other than any termination due to the Participant's Disability or death);

(ii) 12 months following the date of such termination if such termination is due to the Participant's Disability;

(iii) 18 months following the date of such termination if such termination is due to the Participant's death; or

(iv) 18 months following the date of the Participant's death if such death occurs following the date of such termination but during the period such Award is otherwise exercisable (as provided in (i) or (ii) above).

Following the date of such termination, to the extent the Participant does not exercise such Award within the applicable Post-Termination Exercise Period (or, if earlier, prior to the expiration of the maximum term of such Award), such unexercised portion of the Award will terminate, and the Participant will have no further right, title or interest in the terminated Award, the shares of Common Stock subject to the terminated Award, or any consideration in respect of the terminated Award.

(h) Restrictions on Exercise; Extension of Exercisability. A Participant may not exercise an SAR at any time that the issuance of shares of Common Stock upon such exercise would violate Applicable Law. Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, if a Participant's Continuous Service terminates for any reason other than for Cause and, at any time during the last thirty days of the applicable Post-Termination Exercise Period: (i) the exercise of the Participant's SAR would be prohibited solely because the issuance of shares of Common Stock upon such exercise would violate Applicable Law, or (ii) the immediate sale of any shares of Common Stock issued upon such exercise would violate the Company's Trading Policy, then the applicable Post-Termination Exercise Period will be extended to the last day of the calendar month that commences following the date the Award would otherwise expire, with an additional extension of the exercise period to the last day of the next calendar month to apply if any of the foregoing restrictions apply at any time during such extended exercise period, generally without limitation as to the maximum permitted number of extensions); provided, however, that in no event may such Award be exercised after the expiration of its maximum term (as set forth in Section 5(a)).

(i) **Whole Shares.** Options and SARs may be exercised only with respect to whole shares of Common Stock or their equivalents.

6. RESTRICTED STOCK AND RESTRICTED STOCK UNITS

(a) **Restricted Stock Awards.** Each Restricted Stock Award will have such terms and conditions as determined by the Board; provided, however, that each Restricted Stock Award Agreement will conform (through incorporation of the provisions hereof by reference in the Award Agreement or otherwise) to the substance of each of the following provisions:

(i) **Form of Award.** To the extent consistent with the Company's Bylaws, at the Board's election, shares of Common Stock subject to a Restricted Stock Award may be (i) held in book entry form subject to the Company's instructions until such shares become vested or any other restrictions lapse, or (ii) evidenced by a certificate, which certificate will be held in such form and manner as determined by the Board. Unless otherwise determined by the Board, a Participant will have voting and other rights as a shareholder of the Company with respect to any shares subject to a Restricted Stock Award.

(ii) **Consideration.** A Restricted Stock Award may be granted in consideration for (A) cash or check, bank draft or money order payable to the Company, (B) past services to the Company or an Affiliate, or (C) any other form of consideration (including future services) as the Board may determine and permissible under Applicable Law.

(iii) **Vesting.** The Board may impose such restrictions on or conditions to the vesting of a Restricted Stock Award as determined by the Board. Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, vesting of Restricted Stock Awards will cease upon termination of the Participant's Continuous Service.

(iv) **Termination of Continuous Service.** Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, if a Participant's Continuous Service terminates for any reason, the Company may receive through a forfeiture condition or a repurchase right any or all of the shares of Common Stock held by the Participant under his or her Restricted Stock Award that have not vested as of the date of such termination as set forth in the Restricted Stock Award Agreement.

(v) **Dividends.** Dividends may be paid or credited, as applicable, with respect to any shares of Common Stock subject to a Restricted Stock Award, as determined by the Board and specified in the Award Agreement; *provided, however*, that (i) no dividends or dividend equivalents may be paid with respect to any such shares before the date such shares have vested under the terms of such Award Agreement, (ii) any dividends or dividend equivalents that are credited with respect to any such shares will be subject to all of the terms and conditions applicable to such shares under the terms of such Award Agreement (including, but not limited to, any vesting conditions), and (iii) any dividends or dividend equivalents that are credited with respect to any such shares will be forfeited to the Company on the date, if any, such shares are forfeited to or repurchased by the Company due to a failure to meet any vesting conditions under the terms of such Award Agreement.

(b) **Restricted Stock Unit Awards.** Each RSU Award will have such terms and conditions as determined by the Board; provided, however, that each RSU Award Agreement will conform (through incorporation of the provisions hereof by reference in the Award Agreement or otherwise) to the substance of each of the following provisions:

(i) **Form of Award.** A RSU Award represents a Participant's right to be issued on a future date the number of shares of Common Stock that is equal to the number of restricted stock units subject to the RSU Award. As a holder of a RSU Award, a Participant is an unsecured creditor of the Company with respect to the Company's unfunded obligation, if any, to issue shares of Common Stock in settlement of such Award and nothing contained in the Plan or any RSU Agreement, and no action taken pursuant to its provisions, will create or be construed to create a trust of any kind or a fiduciary relationship between a Participant and the Company or an Affiliate or any other person. A Participant will not have voting or any other rights as a shareholder of the Company with respect to any RSU Award (unless and until shares are actually issued in settlement of a vested RSU Award).

(ii) **Consideration.** Unless otherwise determined by the Board at the time of grant, a RSU Award will be granted in consideration for the Participant's services to the Company or an Affiliate, such that the Participant will not be required to make any payment to the Company (other than such services) with respect to the grant or vesting of the RSU Award, or the issuance of any shares of Common Stock pursuant to the RSU Award. If, at the time of grant, the Board determines that any consideration must be paid by the Participant (in a form other than the Participant's services to the Company or an Affiliate) upon the issuance of any shares of Common Stock in settlement of the RSU Award, such consideration may be paid in any form of consideration as the Board may determine and permissible under Applicable Law.

(iii) **Vesting.** The Board may impose such restrictions on or conditions to the vesting of an RSU Award as determined by the Board. Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, vesting of RSU Awards will cease upon termination of the Participant's Continuous Service.

(iv) **Termination of Continuous Service.** Except as otherwise provided in the Award Agreement or other written agreement between a Participant and the Company or an Affiliate, if a Participant's Continuous Service terminates for any reason, any portion of his or her RSU Award that has not vested will be forfeited upon such termination and the Participant will have no further right, title or interest in the RSU Award, the shares of Common Stock issuable pursuant to the RSU Award, or any consideration in respect of the RSU Award.

(v) **Dividend Equivalents.** Dividend equivalents may be paid or credited, as applicable, with respect to any shares of Common Stock subject to a RSU Award, as determined by the Board and specified in the Award Agreement; *provided, however*, that (i) no dividend equivalents may be paid with respect to any such shares subject to an RSU Award before the date such shares have vested under the terms of such Award Agreement, (ii) any dividend equivalents that are credited with respect to any such shares will be subject to all of the terms and conditions applicable to such RSU Award and the covered shares under the terms of such Award Agreement (including, but not limited to, any vesting conditions), and (iii) any dividend equivalents that are credited with respect to any such shares subject to an RSU Award will be forfeited to the Company on the date, if any, such RSU Award is forfeited to by the Company due to a failure to meet any vesting conditions under the terms of such Award Agreement.

(vi) **Settlement of RSU Awards.** A RSU Award may be settled by the issuance of shares of Common Stock or cash (or any combination thereof) or in any other form of payment, as determined by the Board and specified in the RSU Award Agreement. At the time of grant, the Board may determine to impose such restrictions or conditions that delay such delivery to a date following the vesting of the RSU Award.

(c) **Time and Performance Vesting.** The Committee, in its sole discretion, may impose such restrictions on the vesting of the Participant's Restricted Stock Award or

Restricted Stock Units as it may deem advisable or appropriate, in accordance with this Section 6(c).

(i) Service Vesting. The Committee may condition the vesting of a Participant's Restricted Stock Award or Restricted Stock Units upon the Participant's continued performance of services for the Company through a specified vesting date or dates. If the Participant's Continuous Service terminates before such vesting date, the relevant Restricted Stock Award and/or Restricted Stock Units shall be forfeited, except as may otherwise be provided in the Award Agreement.

(ii) Performance Vesting. Alternatively, the Committee may, in its discretion, condition the vesting of all or a portion of the Participant's Restricted Stock Award or Restricted Stock Units upon completion of based upon the achievement of specific Performance Goals (Company-wide, divisional, or individual) or any other basis determined by the Committee in its discretion

(d) Performance Awards. With respect to any RSU Award or other Award designated as a Performance Award, the length of any Performance Period, the Performance Goals to be achieved during the Performance Period, the other terms and conditions of such Award, and the measure of whether and to what degree such Performance Goals have been attained will be determined by the Board.

(e) Other Awards. Other forms of Awards valued in whole or in part by reference to, or otherwise based on, Common Stock, including the appreciation in value thereof (e.g., options or stock rights with an exercise price or strike price less than 100% of the Fair Market Value at the time of grant) may be granted either alone or in addition to Awards provided for under Section 4 and the preceding provisions of this Section 5. Subject to the provisions of the Plan, the Board will have sole and complete discretion to determine the persons to whom and the time or times at which such Other Awards will be granted, the number of shares of Common Stock (or the cash equivalent thereof) to be granted pursuant to such Other Awards and all other terms and conditions of such Other Awards.

7. ADJUSTMENTS UPON CHANGES IN COMMON STOCK; OTHER CORPORATE EVENTS.

(a) Capitalization Adjustments. In the event of a Capitalization Adjustment, the Board shall appropriately and proportionately adjust: (i) the class(es) and maximum number of shares of Common Stock subject to the Plan pursuant to Section 2(a), (ii) the class(es) and maximum number of shares that may be issued pursuant to the exercise of Incentive Stock Options pursuant to Section 2(a), and (iii) the class(es) and number of securities and exercise price, strike price or purchase price of Common Stock subject to outstanding Awards. The Board shall make such adjustments, and its determination shall be final, binding and conclusive. Notwithstanding the foregoing, no fractional shares or rights for fractional shares of Common Stock shall be created in order to implement any Capitalization Adjustment. The Board shall determine an appropriate equivalent benefit, if any, for any fractional shares or rights to fractional shares that might be created by the adjustments referred to in the preceding provisions of this Section.

(b) Dissolution or Liquidation. Except as otherwise provided in the Award Agreement, in the event of a dissolution or liquidation of the Company, all outstanding Awards (other than Awards consisting of vested and outstanding shares of Common Stock not subject to a forfeiture condition or the Company's right of repurchase) will terminate immediately prior to the completion of such dissolution or liquidation, and the shares of Common Stock subject to the Company's repurchase rights or subject to a forfeiture condition may be repurchased or reacquired by the Company notwithstanding the fact that the holder of such Award is providing Continuous Service, provided, however, that the Board may determine to cause some or all Awards to become fully vested, exercisable and/or no longer subject to repurchase or forfeiture (to the extent such Awards have not previously expired or terminated) before the dissolution or liquidation is completed but contingent on its completion.

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(c) Corporate Transaction. The following provisions will apply to Awards in the event of a Corporate Transaction unless otherwise provided in the instrument evidencing the Award or any other written agreement between the Company or any Affiliate and the Participant or unless otherwise expressly provided by the Board at the time of grant of an Award.

(i) Awards May Be Assumed. In the event of a Corporate Transaction, any surviving corporation or acquiring corporation (or the surviving or acquiring corporation's parent company) may assume or continue any or all Awards outstanding under the Plan or may substitute similar awards for Awards outstanding under the Plan (including but not limited to, awards to acquire the same consideration paid to the shareholders of the Company pursuant to the Corporate Transaction), and any reacquisition or repurchase rights held by the Company in respect of Common Stock issued pursuant to Awards may be assigned by the Company to the successor of the Company (or the successor's parent company, if any), in connection with such Corporate Transaction. A surviving corporation or acquiring corporation (or its parent) may choose to assume or continue only a portion of an Award or substitute a similar award for only a portion of an Award, or may choose to assume or continue the Awards held by some, but not all Participants. The terms of any assumption, continuation or substitution will be set by the Board.

(ii) Awards Held by Current Participants. In the event of a Corporate Transaction in which the surviving corporation or acquiring corporation (or its parent company) does not assume or continue such outstanding Awards or substitute similar awards for such outstanding Awards, then with respect to Awards that have not been assumed, continued or substituted and that are held by Participants whose Continuous Service has not terminated prior to the effective time of the Corporate Transaction (referred to as the "*Current Participants*"), the vesting of such Awards (and, with respect to Options and Stock Appreciation Rights, the time when such Awards may be exercised) will be accelerated in full to a date prior to the effective time of such Corporate Transaction (contingent upon the effectiveness of the Corporate Transaction) as the Board determines (or, if the Board does not determine such a date, to the date that is five (5) days prior to the effective time of the Corporate Transaction), and such Awards will terminate if not exercised (if applicable) at or prior to the effective time of the Corporate Transaction, and any reacquisition or repurchase rights held by the Company with respect to such Awards will lapse (contingent upon the effectiveness of the Corporate Transaction). With respect to the vesting of Performance Awards that will accelerate upon the occurrence of a Corporate Transaction pursuant to this subsection (ii) and that have multiple vesting levels depending on the level of performance, unless otherwise provided in the Award Agreement, the vesting of such Performance Awards will accelerate at 100% of the target level upon the occurrence of the Corporate Transaction. With respect to the vesting of Awards that will accelerate upon the occurrence of a Corporate Transaction pursuant to this subsection (ii) and are settled in the form of a cash payment, such cash payment will be made no later than 30 days following the occurrence of the Corporate Transaction.

(iii) Awards Held by Persons other than Current Participants. In the event of a Corporate Transaction in which the surviving corporation or acquiring corporation (or its parent company) does not assume or continue such outstanding Awards or substitute similar awards for such outstanding Awards, then with respect to Awards that have not been assumed, continued or substituted and that are held by persons other than Current Participants, such Awards will terminate if not exercised (if applicable) prior to the occurrence of the Corporate Transaction; provided, however, that any reacquisition or repurchase rights held by the Company with respect to such Awards will not terminate and may continue to be exercised notwithstanding the Corporate Transaction.

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(iv) Payment for Awards in Lieu of Exercise. Notwithstanding the foregoing, in the event an Award will terminate if not exercised prior to the effective time of a Corporate Transaction, the Board may provide, in its sole discretion, that the holder of such Award may not exercise such Award but will receive a payment, in such form as may be determined by the Board, equal in value, at the effective time, to the excess, if any, of (1) the value of the property the Participant would have received upon the exercise of the Award (including, at the discretion of the Board, any unvested portion of such Award), over (2) any exercise price payable by such holder in connection with such exercise.

(d) Appointment of Shareholder Representative. As a condition to the receipt of an Award under this Plan, a Participant will be deemed to have agreed that the Award will be subject to the terms of any agreement governing a Corporate Transaction involving the Company, including, without limitation, a provision for the appointment of a shareholder representative that is authorized to act on the Participant's behalf with respect to any escrow, indemnities and any contingent consideration.

(e) No Restriction on Right to Undertake Transactions. The grant of any Award under the Plan and the issuance of shares pursuant to any Award does not affect or restrict in any way the right or power of the Company or the shareholders of the Company to make or authorize any adjustment, recapitalization, reorganization or other change in the Company's capital structure or its business, any merger or consolidation of the Company, any issue of stock or of options, rights or options to purchase stock or of bonds, debentures, preferred or prior preference stocks whose rights are superior to or affect the Common Stock or the rights thereof or which are convertible into or exchangeable for Common Stock, or the dissolution or liquidation of the Company, or any sale or transfer of all or any part of its assets or business, or any other corporate act or proceeding, whether of a similar character or otherwise.

8. ADMINISTRATION.

(a) Administration by Compensation Committee. The Compensation Committee of the Board will administer the Plan unless and until the Board delegates administration of the Plan to a different Committee or Committees of the Board.

(b) Powers of Committee. The Committee will have the power, subject to, and within the limitations of, the express provisions of the Plan:

(i) To determine from time to time (1) which of the persons eligible under the Plan will be granted Awards; (2) when and how each Award will be granted; (3) what type or combination of types of Award will be granted; (4) the provisions of each Award granted (which need not be identical), including the time or times when a person will be permitted to receive an issuance of Common Stock or other payment pursuant to an Award; (5) the number of shares of Common Stock or cash equivalent with respect to which an Award will be granted to each such person; and (6) the Fair Market Value applicable to an Award.

(ii) To construe and interpret the Plan and Awards granted under it, and to establish, amend and revoke rules and regulations for its administration. The Committee, in the exercise of this power, may correct any defect, omission or inconsistency in the Plan or in any Award Agreement, in a manner and to the extent it deems necessary or expedient to make the Plan or Award fully effective.

(iii) To settle all controversies regarding the Plan and Awards granted under it.

(iv) To accelerate the time at which an Award may first be exercised or the time during which an Award or any part thereof will vest, notwithstanding the provisions in the Award Agreement stating the time at which it may first be exercised or the time during which it will vest.

(v) To prohibit the exercise of any Option, SAR or other exercisable Award during a period of up to 30 days prior to the consummation of any pending stock dividend, stock split, combination or exchange of shares, merger, consolidation or other distribution (other than normal cash dividends) of Company assets to shareholders, or any other change affecting the shares of Common Stock or the share price of the Common Stock including any Corporate Transaction, for reasons of administrative convenience.

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(vi) To approve forms of Award Agreements for use under the Plan and to amend the terms of any one or more Awards, including, but not limited to, amendments to provide terms more favorable to the Participant than previously provided in the Award Agreement, subject to any specified limits in the Plan that are not subject to Board or Committee discretion; *provided however*, that, a Participant's rights under any Award will not be Materially Impaired by any such amendment unless (1) the Company requests the consent of the affected Participant, and (2) such Participant consents in writing.

(vii) Generally, to exercise such powers and to perform such acts as the Committee deems necessary or expedient to promote the best interests of the Company and that are not in conflict with the provisions of the Plan or Awards.

(viii) To adopt such procedures and sub-plans as are necessary or appropriate to permit and facilitate participation in the Plan by, or take advantage of specific tax treatment for Awards granted to, Employees, Directors or Consultants who are foreign nationals or employed outside the United States (provided that Board approval will not be necessary for immaterial modifications to the Plan, and Committee approval will not be necessary for immaterial modifications to any Award Agreement, deemed necessary or desirable to ensure or facilitate compliance with the laws of the relevant foreign jurisdiction).

(c) Rule 16b-3 Compliance. To the extent an Award is intended to qualify for the exemption from Section 16(b) of the Exchange Act that is available under Rule 16b-3 of the Exchange Act, the Award will be granted by the Board or a Committee that consists solely of two or more Non-Employee Directors, as determined under Rule 16b-3(b) (3) of the Exchange Act and thereafter any action establishing or modifying the terms of the Award will be approved by the Board or a Committee meeting such requirements to the extent necessary for such exemption to remain available.

(d) Effect of Committee's Decision. All determinations, interpretations and constructions made by the Committee in good faith will not be subject to review by any person and will be final, binding and conclusive on all persons.

(e) Cancellation and Re-Grant of Awards. Neither the Board nor any Committee will have the authority to: (i) reduce the exercise price or strike price of any outstanding Options or SARs under the Plan, or (ii) cancel any outstanding Options or SARs that have an exercise price or strike price greater than the current Fair Market Value in exchange for cash or other Awards under the Plan, unless the shareholders of the Company have approved such an action within twelve months prior to such an event.

(f) Delegation to an Officer. The Committee may delegate to one or more Officers the authority to do one or both of the following (i) designate Employees who are not Officers to be recipients of Options and SARs (and, to the extent permitted by Applicable Law, other types of Awards) and, to the extent permitted by Applicable Law, the terms thereof, and (ii) determine the number of shares of Common Stock to be subject to such Awards granted to such Employees; provided, however, that the resolutions or charter adopted by the Board or any Committee evidencing such delegation will specify the total number of shares of Common Stock that may be subject to the Awards granted by such Officer and that such Officer may not grant an Award to himself or herself. Any such Awards will be granted on the applicable form of Award Agreement most recently approved for use by the Committee, unless otherwise provided in the resolutions approving the delegation authority. Notwithstanding anything to the contrary herein, neither the Board nor any Committee may delegate to an Officer who is acting solely in the capacity of an Officer (and not also as a Director) the authority to determine the Fair Market Value of shares of the Common Stock.

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9. TAX WITHHOLDING

(a) Withholding Authorization. As a condition to acceptance of any Award under the Plan, a Participant authorizes withholding from payroll and any other amounts payable to such Participant, and otherwise agrees to make adequate provision for (including), any sums required to satisfy any U.S. federal, state, local and/or foreign tax or social insurance contribution withholding obligations of the Company or an Affiliate, if any, which arise in connection with the grant, exercise, vesting or settlement of such Award, as applicable. Accordingly, a Participant may not be able to exercise an Award even though the Award is vested, and the Company shall have no obligation to issue shares of Common Stock subject to an Award, unless and until such obligations are satisfied.

(b) Satisfaction of Withholding Obligation. To the extent permitted by the terms of an Award Agreement, the Company may, in its sole discretion, satisfy any U.S.

federal, state, local and/or foreign tax or social insurance withholding obligation relating to an Award by any of the following means or by a combination of such means: (i) causing the Participant to tender a cash payment; (ii) withholding shares of Common Stock from the shares of Common Stock issued or otherwise issuable to the Participant in connection with the Award; (iii) withholding cash from an Award settled in cash; (iv) withholding payment from any amounts otherwise payable to the Participant; (v) by allowing a Participant to effectuate a “cashless exercise” pursuant to a program developed under Regulation T as promulgated by the Federal Reserve Board, or (vi) by such other method as may be set forth in the Award Agreement.

(c) No Obligation to Notify or Minimize Taxes; No Liability to Claims. Except as required by Applicable Law the Company has no duty or obligation to any Participant to advise such holder as to the time or manner of exercising such Award. Furthermore, the Company has no duty or obligation to warn or otherwise advise such holder of a pending termination or expiration of an Award or a possible period in which the Award may not be exercised. The Company has no duty or obligation to minimize the tax consequences of an Award to the holder of such Award and will not be liable to any holder of an Award for any adverse tax consequences to such holder in connection with an Award. As a condition to accepting an Award under the Plan, each Participant (i) agrees to not make any claim against the Company, or any of its Officers, Directors, Employees or Affiliates related to tax liabilities arising from such Award or other Company compensation and (ii) acknowledges that such Participant was advised to consult with his or her own personal tax, financial and other legal advisors regarding the tax consequences of the Award and has either done so or knowingly and voluntarily declined to do so. Additionally, each Participant acknowledges any Option or SAR granted under the Plan is exempt from Section 409A only if the exercise or strike price is at least equal to the “fair market value” of the Common Stock on the date of grant as determined by the Internal Revenue Service and there is no other impermissible deferral of compensation associated with the Award. Additionally, as a condition to accepting an Option or SAR granted under the Plan, each Participant agrees not make any claim against the Company, or any of its Officers, Directors, Employees or Affiliates in the event that the Internal Revenue Service asserts that such exercise price or strike price is less than the “fair market value” of the Common Stock on the date of grant as subsequently determined by the Internal Revenue Service.

(d) Withholding Indemnification. As a condition to accepting an Award under the Plan, in the event that the amount of the Company’s and/or its Affiliate’s withholding obligation in connection with such Award was greater than the amount actually withheld by the Company and/or its Affiliates, each Participant agrees to indemnify and hold the Company and/or its Affiliates harmless from any failure by the Company and/or its Affiliates to withhold the proper amount.

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10. MISCELLANEOUS.

(a) Source of Shares. The stock issuable under the Plan will be shares of authorized but unissued or reacquired Common Stock, including shares repurchased by the Company on the open market or otherwise.

(b) Use of Proceeds from Sales of Common Stock. Proceeds from the sale of shares of Common Stock pursuant to Awards will constitute general funds of the Company.

(c) Corporate Action Constituting Grant of Awards. Corporate action constituting a grant by the Company of an Award to any Participant will be deemed completed as of the date of such corporate action, unless otherwise determined by the Board or the Committee, regardless of when the instrument, certificate, or letter evidencing the Award is communicated to, or actually received or accepted by, the Participant. In the event that the corporate records (e.g., Committee consents, Board consents, resolutions or minutes) documenting the corporate action approving the grant contain terms (e.g., exercise price, vesting schedule or number of shares) that are inconsistent with those in the Award Agreement or related grant documents as a result of a clerical error in the Award Agreement or related grant documents, the corporate records will control and the Participant will have no legally binding right to the incorrect term in the Award Agreement or related grant documents.

(d) Shareholder Rights. No Participant will be deemed to be the holder of, or to have any of the rights of a holder with respect to, any shares of Common Stock subject to such Award unless and until (i) such Participant has satisfied all requirements for exercise of the Award pursuant to its terms, if applicable, and (ii) the issuance of the Common Stock subject to such Award is reflected in the records of the Company.

(e) No Employment or Other Service Rights. Nothing in the Plan, any Award Agreement or any other instrument executed thereunder or in connection with any Award granted pursuant thereto will confer upon any Participant any right to continue to serve the Company or an Affiliate in the capacity in effect at the time the Award was granted or affect the right of the Company or an Affiliate to terminate at will and without regard to any future vesting opportunity that a Participant may have with respect to any Award (i) the employment of an Employee with or without notice and with or without cause, (ii) the service of a Consultant pursuant to the terms of such Consultant’s agreement with the Company or an Affiliate, or (iii) the service of a Director pursuant to the Bylaws of the Company or an Affiliate, and any applicable provisions of the corporate law of the state or foreign jurisdiction in which the Company or the Affiliate is incorporated, as the case may be. Further, nothing in the Plan, any Award Agreement or any other instrument executed thereunder or in connection with any Award will constitute any promise or commitment by the Company or an Affiliate regarding the fact or nature of future positions, future work assignments, future compensation or any other term or condition of employment or service or confer any right or benefit under the Award or the Plan unless such right or benefit has specifically accrued under the terms of the Award Agreement and/or Plan.

(f) Change in Time Commitment. In the event a Participant’s regular level of time commitment in the performance of his or her services for the Company and any Affiliates is reduced (for example, and without limitation, if the Participant is an Employee of the Company and the Employee has a change in status from a full-time Employee to a part-time Employee or takes an extended leave of absence) after the date of grant of any Award to the Participant, the Board may determine, to the extent permitted by Applicable Law, to (i) make a corresponding reduction in the number of shares or cash amount subject to any portion of such Award that is scheduled to vest or become payable after the date of such change in time commitment, and (ii) in lieu of or in combination with such a reduction, extend the vesting or payment schedule applicable to such Award. In the event of any such reduction, the Participant will have no right with respect to any portion of the Award that is so reduced or extended.

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(g) Execution of Additional Documents. As a condition to accepting an Award under the Plan, the Participant agrees to execute any additional documents or instruments necessary or desirable, as determined in the Plan Administrator’s sole discretion, to carry out the purposes or intent of the Award, or facilitate compliance with securities and/or other regulatory requirements, in each case at the Plan Administrator’s request.

(h) Electronic Delivery and Participation. Any reference herein or in an Award Agreement to a “written” agreement or document will include any agreement or document delivered electronically, filed publicly at www.sec.gov (or any successor website thereto) or posted on the Company’s intranet (or other shared electronic medium controlled by the Company to which the Participant has access). By accepting any Award the Participant consents to receive documents by electronic delivery and to participate in the Plan through any on-line electronic system established and maintained by the Plan Administrator or another third party selected by the Plan Administrator. The form of delivery of any Common Stock (e.g., a stock certificate or electronic entry evidencing such shares) shall be determined by the Company.

(i) Clawback/Recovery. All Awards granted under the Plan will be subject to recoupment in accordance with any clawback policy that the Company is required to adopt pursuant to the listing standards of any national securities exchange or association on which the Company’s securities are listed or as is otherwise required by the Dodd-Frank Wall Street Reform and Consumer Protection Act or other Applicable Law and any clawback policy that the Company otherwise adopts, to the extent applicable and permissible under Applicable Law. In addition, the Board may impose such other clawback, recovery or recoupment provisions in an Award Agreement as the Board determines necessary or appropriate, including but not limited to a reacquisition right in respect of previously acquired shares of Common Stock or other cash or property upon the occurrence of Cause. No recovery of compensation under such a clawback policy will be an event giving rise to a Participant’s right to voluntarily terminate employment upon a “resignation for good reason,” or for a “constructive termination” or any similar term under any plan of or agreement with the Company.

(j) Securities Law Compliance. A Participant will not be issued any shares in respect of an Award unless either (i) the shares are registered under the Securities Act; or (ii) the Company has determined that such issuance would be exempt from the registration requirements of the Securities Act. Each Award also must comply with other Applicable Law governing the Award, and a Participant will not receive such shares if the Company determines that such receipt would not be in material compliance with Applicable Law.

(k) Transfer or Assignment of Awards; Issued Shares. Except as expressly provided in the Plan or the form of Award Agreement, Awards granted under the Plan may not be transferred or assigned by the Participant. After the vested shares subject to an Award have been issued, or in the case of Restricted Stock and similar awards, after the issued shares have vested, the holder of such shares is free to assign, hypothecate, donate, encumber or otherwise dispose of any interest in such shares provided that any such actions are in compliance with the provisions herein, the terms of the Trading Policy and Applicable Law.

(l) Effect on Other Employee Benefit Plans. The value of any Award granted under the Plan, as determined upon grant, vesting or settlement, shall not be included as compensation, earnings, salaries, or other similar terms used when calculating any Participant's benefits under any employee benefit plan sponsored by the Company or any Affiliate, except as such plan otherwise expressly provides. The Company expressly reserves its rights to amend, modify, or terminate any of the Company's or any Affiliate's employee benefit plans.

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(m) Section 409A. Unless otherwise expressly provided for in an Award Agreement, the Plan and Award Agreements will be interpreted to the greatest extent possible in a manner that makes the Plan and the Awards granted hereunder exempt from Section 409A, and, to the extent not so exempt, in compliance with the requirements of Section 409A. If the Board determines that any Award granted hereunder is not exempt from and is therefore subject to Section 409A, the Award Agreement evidencing such Award will incorporate the terms and conditions necessary to avoid the consequences specified in Section 409A(a)(1) of the Code, and to the extent an Award Agreement is silent on terms necessary for compliance, such terms are hereby incorporated by reference into the Award Agreement. Notwithstanding anything to the contrary in this Plan (and unless the Award Agreement specifically provides otherwise), if the shares of Common Stock are publicly traded, and if a Participant holding an Award that constitutes "deferred compensation" under Section 409A is a "specified employee" for purposes of Section 409A, no distribution or payment of any amount that is due because of a "separation from service" (as defined in Section 409A without regard to alternative definitions thereunder) will be issued or paid before the date that is six months and one day following the date of such Participant's "separation from service" or, if earlier, the date of the Participant's death, unless such distribution or payment can be made in a manner that complies with Section 409A, and any amounts so deferred will be paid in a lump sum on the day after such six month period elapses, with the balance paid thereafter on the original schedule.

(n) Choice of Law. This Plan and any controversy arising out of or relating to this Plan shall be governed by, and construed in accordance with, the internal laws of the State of Florida without regard to conflict of law principles that would result in any application of any law other than the law of the State of Florida.

11. COVENANTS OF THE COMPANY. COMPLIANCE WITH LAW.

The Company will seek to obtain from each regulatory commission or agency, as may be deemed to be necessary, having jurisdiction over the Plan such authority as may be required to grant Awards and to issue and sell shares of Common Stock upon exercise or vesting of the Awards; provided, however, that this undertaking will not require the Company to register under the Securities Act the Plan, any Award or any Common Stock issued or issuable pursuant to any such Award. If, after reasonable efforts and at a reasonable cost, the Company is unable to obtain from any such regulatory commission or agency the authority that counsel for the Company deems necessary or advisable for the lawful issuance and sale of Common Stock under the Plan, the Company will be relieved from any liability for failure to issue and sell Common Stock upon exercise or vesting of such Awards unless and until such authority is obtained. A Participant is not eligible for the grant of an Award or the subsequent issuance of Common Stock pursuant to the Award if such grant or issuance would be in violation of any Applicable Law.

12. SEVERABILITY.

If all or any part of the Plan or any Award Agreement is declared by any court or governmental authority to be unlawful or invalid, such unlawfulness or invalidity shall not invalidate any portion of the Plan or such Award Agreement not declared to be unlawful or invalid. Any Section of the Plan or any Award Agreement (or part of such a Section) so declared to be unlawful or invalid shall, if possible, be construed in a manner which will give effect to the terms of such Section or part of a Section to the fullest extent possible while remaining lawful and valid.

13. AMENDMENT OF TERMINATION OF THE PLAN.

(a) Termination. The Board may suspend or terminate the Plan at any time. No Incentive Stock Options may be granted after the tenth anniversary of the earlier of (i) the Adoption Date, or (ii) the Effective Date. No Awards may be granted under the Plan while the Plan is suspended or after it is terminated.

(b) Amendment. The Board, in its sole discretion, may amend the Plan in any respect the Board deems necessary or advisable; provided, however that shareholder approval will be required for any amendment to the extent required by Applicable Law.

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(c) Effect on Prior Awards. No Participant's rights under any Award granted before the amendment or termination of the Plan will be Materially Impaired by any amendment, suspension, or termination of the Plan unless (1) the Company requests the consent of the affected Participant, and (2) such Participant consents in writing, provided that such consent shall not be required if the Board determines, in its sole and absolute discretion, that the amendment, suspension or termination: (a) is required or advisable in order for the Company, the Plan or the Award to satisfy applicable law, to meet the requirements of any accounting standard or to avoid any adverse accounting treatment, or (b) in connection with any transaction or event described in Section 7(c), is in the best interests of the Company or its shareholders.

14. DEFINITIONS.

As used in the Plan, the following definitions apply to the capitalized terms indicated below:

(a) "Acquiring Entity" means the surviving or acquiring corporation (or its parent company) in connection with a Corporate Transaction.

(b) "Adoption Date" means the date the Plan is first approved by the Board or Compensation Committee.

(c) "Affiliate" means, at the time of determination, any "parent" or "subsidiary" of the Company as such terms are defined in Rule 405 promulgated under the Securities Act. The Board may determine the time or times at which "parent" or "subsidiary" status is determined within the foregoing definition.

(d) "Applicable Law" means shall mean any applicable securities, federal, state, foreign, material local or municipal or other law, statute, constitution, principle of common law, resolution, ordinance, code, edict, decree, rule, listing rule, regulation, judicial decision, ruling or requirement issued, enacted, adopted, promulgated, implemented or otherwise put into effect by or under the authority of any Governmental Body (including under the authority of any applicable self-regulating organization such as the Nasdaq Stock Market, New York Stock Exchange, or the Financial Industry Regulatory Authority).

(e) "Award" means any right to receive Common Stock, cash or other property granted under the Plan (including an Incentive Stock Option, a Nonstatutory Stock

Option, a Restricted Stock Award, a RSU Award, a SAR, a Performance Award or any Other Award).

(f) **“Award Agreement”** means a written agreement between the Company and a Participant evidencing the terms and conditions of an Award. The Award Agreement generally consists of the Grant Notice and the agreement containing the written summary of the general terms and conditions applicable to the Award and which is provided to a Participant along with the Grant Notice.

(g) **“Board”** means the Board of Directors of the Company (or its designee). Any decision or determination made by the Board shall be a decision or determination that is made in the sole discretion of the Board (or its designee), and such decision or determination shall be final and binding on all Participants.

(h) **“Capitalization Adjustment”** means any change that is made in, or other events that occur with respect to, the Common Stock subject to the Plan or subject to any Award after the Effective Date without the receipt of consideration by the Company through merger, consolidation, reorganization, recapitalization, reincorporation, stock dividend, dividend in property other than cash, large nonrecurring cash dividend, stock split, reverse stock split, liquidating dividend, combination of shares, exchange of shares, change in corporate structure or any similar equity restructuring transaction, as that term is used in Statement of Financial Accounting Standards Board Accounting Standards Codification Topic 718 (or any successor thereto). Notwithstanding the foregoing, the conversion of any convertible securities of the Company will not be treated as a Capitalization Adjustment.

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(i) **“Cause”** has the meaning ascribed to such term in any written agreement between the Participant and the Company defining such term and, in the absence of such agreement, such term means, with respect to a Participant, the occurrence of any of the following events: (i) the commission of an act of fraud, embezzlement, theft or proven dishonesty, or any other illegal act or practice (whether or not resulting in criminal prosecution or conviction), including theft or destruction of property of the Company or a subsidiary, or any other act or practice which the Committee shall, in good faith, deem to have resulted in the recipient’s becoming unbondable under the Company or any subsidiary’s fidelity bond; (ii) the willful engaging in misconduct which is deemed by the Committee, in good faith, to be materially injurious to the Company or any subsidiary, monetarily or otherwise, including, but not limited to, improperly disclosing trade secrets or other confidential or sensitive business information and data about the Company or any subsidiaries and competing with the Company or any subsidiaries, or soliciting employees, consultants or customers of the Company or any subsidiaries in violation of law or any employment or other agreement to which the recipient is a party; (iii) the continued failure or habitual neglect by a person who is a Participant to perform his or her duties with the Company or any subsidiary; or (iv) other disregard of rules or policies of the Company or any subsidiary, or conduct evidencing willful or wanton disregard of the interests of the Company or any subsidiary.

(j) **“Code”** means the Internal Revenue Code of 1986, as amended, including any applicable regulations and guidance thereunder.

(k) **“Committee”** means the Compensation Committee and any other committee of Directors to whom authority has been delegated by the Board or Compensation Committee in accordance with the Plan.

(l) **“Common Stock”** means the common stock of the Company.

(m) **“Company”** means **Oragenics, Inc.**, a Florida corporation.

(n) **“Compensation Committee”** means the Compensation Committee of the Board.

(o) **“Consultant”** means any person, including an advisor, who is (i) engaged by the Company or an Affiliate to render consulting or advisory services and is compensated for such services, or (ii) serving as a member of the board of directors of an Affiliate and is compensated for such services. However, service solely as a Director, or payment of a fee for such service, will not cause a Director to be considered a “Consultant” for purposes of the Plan. Notwithstanding the foregoing, a person is treated as a Consultant under this Plan only if a Form S-8 Registration Statement under the Securities Act is available to register either the offer or the sale of the Company’s securities to such person.

(p) **“Continuous Service”** means that the Participant’s service with the Company or an Affiliate, whether as an Employee, Director or Consultant, is not interrupted or terminated. A change in the capacity in which the Participant renders service to the Company or an Affiliate as an Employee, Director or Consultant or a change in the Entity for which the Participant renders such service, provided that there is no interruption or termination of the Participant’s service with the Company or an Affiliate, will not terminate a Participant’s Continuous Service; provided, however, that if the Entity for which a Participant is rendering services ceases to qualify as an Affiliate, as determined by the Board, such Participant’s Continuous Service will be considered to have terminated on the date such Entity ceases to qualify as an Affiliate. For example, a change in status from an Employee of the Company to a Consultant of an Affiliate or to a Director will not constitute an interruption of Continuous Service. To the extent permitted by law, the Board or the chief executive officer of the Company, in that party’s sole discretion, may determine whether Continuous Service will be considered interrupted in the case of (i) any leave of absence approved by the Board or chief executive officer, including sick leave, military leave or any other personal leave, or (ii) transfers between the Company, an Affiliate, or their successors. Notwithstanding the foregoing, a leave of absence will be treated as Continuous Service for purposes of vesting in an Award only to such extent as may be provided in the Company’s leave of absence policy, in the written terms of any leave of absence agreement or policy applicable to the Participant, or as otherwise required by law. In addition, to the extent required for exemption from or compliance with Section 409A, the determination of whether there has been a termination of Continuous Service will be made, and such term will be construed, in a manner that is consistent with the definition of “separation from service” as defined under Treasury Regulation Section 1.409A-1(h) (without regard to any alternative definition thereunder).

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(q) **“Corporate Transaction”** means the consummation, in a single transaction or in a series of related transactions, of any one or more of the following events, provided, however, to the extent necessary to avoid adverse personal income tax consequences to the Participant under Section 409A of the Code in connection with an Award, such transaction or series of transactions, also constitutes a Section 409A Change in Control:

(i) a sale or other disposition of all or substantially all, as determined by the Board, of the consolidated assets of the Company and its Subsidiaries;

(ii) a sale or other disposition of at least 50% of the outstanding securities of the Company;

(iii) a merger, consolidation or similar transaction following which the Company is not the surviving corporation; or

(iv) a merger, consolidation or similar transaction following which the Company is the surviving corporation but the shares of Common Stock outstanding immediately preceding the merger, consolidation or similar transaction are converted or exchanged by virtue of the merger, consolidation or similar transaction into other property, whether in the form of securities, cash or otherwise.

(r) **“Director”** means a member of the Board.

(s) **“determine” or “determined”** means as determined by the Board or the Committee (or its designee) in its sole discretion.

(t) **“Disability”** means, with respect to a Participant, such Participant is unable to engage in any substantial gainful activity by reason of any medically determinable

physical or mental impairment which can be expected to result in death or which has lasted or can be expected to last for a continuous period of not less than 12 months, as provided in Section 22(e)(3) of the Code, and will be determined by the Board on the basis of such medical evidence as the Board deems warranted under the circumstances.

(u) “**Effective Date**” means the date of the annual meeting of shareholders of the Company held in 2021 provided this Plan is approved by the Company’s shareholders at such meeting.

(v) “**Employee**” means any person employed by the Company or an Affiliate. However, service solely as a Director, or payment of a fee for such services, will not cause a Director to be considered an “Employee” for purposes of the Plan.

(w) “**Employer**” means the Company or the Affiliate of the Company that employs the Participant.

(x) “**Entity**” means a corporation, partnership, limited liability company or other entity.

(y) “**Exchange Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

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(z) “**Fair Market Value**” means, as of any date, unless otherwise determined by the Board, the value of the Common Stock (as determined on a per share or aggregate basis, as applicable) determined as follows:

(i) If the Common Stock is listed on any established stock exchange or traded on any established market, the Fair Market Value will be the closing sales price for such stock as quoted on such exchange or market (or the exchange or market with the greatest volume of trading in the Common Stock) on the date of determination, as reported in a source the Board deems reliable.

(ii) If there is no closing sales price for the Common Stock on the date of determination, then the Fair Market Value will be the closing selling price on the last preceding date for which such quotation exists.

(iii) In the absence of such markets for the Common Stock, or if otherwise determined by the Board, the Fair Market Value will be determined by the Board in good faith and in a manner that complies with Sections 409A and 422 of the Code.

(aa) “**Governmental Body**” means any: (a) nation, state, commonwealth, province, territory, county, municipality, district or other jurisdiction of any nature; (b) federal, state, local, municipal, foreign or other government; (c) governmental or regulatory body, or quasi-governmental body of any nature (including any governmental division, department, administrative agency or bureau, commission, authority, instrumentality, official, ministry, fund, foundation, center, organization, unit, body or Entity and any court or other tribunal, and for the avoidance of doubt, any Tax authority) or other body exercising similar powers or authority; or (d) self-regulatory organization (including the Nasdaq Stock Market, New York Stock Exchange, and the Financial Industry Regulatory Authority).

(bb) “**Grant Notice**” means the notice provided to a Participant that he or she has been granted an Award under the Plan and which includes the name of the Participant, the type of Award, the date of grant of the Award, number of shares of Common Stock subject to the Award or potential cash payment right, (if any), the vesting schedule for the Award (if any) and other key terms applicable to the Award.

(cc) “**Incentive Stock Option**” means an option granted pursuant to Section 4 of the Plan that is intended to be, and qualifies as, an “incentive stock option” within the meaning of Section 422 of the Code.

(dd) “**Materially Impair**” means any amendment to the terms of the Award that materially adversely affects the Participant’s rights under the Award. A Participant’s rights under an Award will not be deemed to have been Materially Impaired by any such amendment if the Board, in its sole discretion, determines that the amendment, taken as a whole, does not materially impair the Participant’s rights. For example, the following types of amendments to the terms of an Award do not Materially Impair the Participant’s rights under the Award: (i) imposition of reasonable restrictions on the minimum number of shares subject to an Option that may be exercised; (ii) to maintain the qualified status of the Award as an Incentive Stock Option under Section 422 of the Code; (iii) to change the terms of an Incentive Stock Option in a manner that disqualifies, impairs or otherwise affects the qualified status of the Award as an Incentive Stock Option under Section 422 of the Code; (iv) to clarify the manner of exemption from, or to bring the Award into compliance with or qualify it for an exemption from, Section 409A; or (v) to comply with other Applicable Laws.

(ee) “**Non-Employee Director**” means a Director who either (i) is not a current employee or officer of the Company or an Affiliate, does not receive compensation, either directly or indirectly, from the Company or an Affiliate for services rendered as a consultant or in any capacity other than as a Director (except for an amount as to which disclosure would not be required under Item 404(a) of Regulation S-K promulgated pursuant to the Securities Act (“**Regulation S-K**”)), does not possess an interest in any other transaction for which disclosure would be required under Item 404(a) of Regulation S-K, and is not engaged in a business relationship for which disclosure would be required pursuant to Item 404(b) of Regulation S-K; or (ii) is otherwise considered a “non-employee director” for purposes of Rule 16b-3.

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(ff) “**Nonstatutory Stock Option**” means any option granted pursuant to Section 4 of the Plan that does not qualify as an Incentive Stock Option.

(gg) “**Officer**” means a person who is an officer of the Company within the meaning of Section 16 of the Exchange Act.

(hh) “**Option**” means an Incentive Stock Option or a Nonstatutory Stock Option to purchase shares of Common Stock granted pursuant to the Plan.

(ii) “**Option Agreement**” means a written agreement between the Company and the Optionholder evidencing the terms and conditions of the Option grant. The Option Agreement includes the Grant Notice for the Option and the agreement containing the written summary of the general terms and conditions applicable to the Option and which is provided to a Participant along with the Grant Notice. Each Option Agreement will be subject to the terms and conditions of the Plan.

(jj) “**Optionholder**” means a person to whom an Option is granted pursuant to the Plan or, if applicable, such other person who holds an outstanding Option.

(kk) “**Other Award**” means an award based in whole or in part by reference to the Common Stock which is granted pursuant to the terms and conditions of Section 6(c).

(ll) “**Other Award Agreement**” means a written agreement between the Company and a holder of an Other Award evidencing the terms and conditions of an Other Award grant. Each Other Award Agreement will be subject to the terms and conditions of the Plan.

(mm) “**Own,**” “**Owned,**” “**Owner,**” “**Ownership**” means that a person or Entity will be deemed to “Own,” to have “Owned,” to be the “Owner” of, or to have acquired “Ownership” of securities if such person or Entity, directly or indirectly, through any contract, arrangement, understanding, relationship or otherwise, has or shares voting power, which includes the power to vote or to direct the voting, with respect to such securities.

(nn) "**Participant**" means an Employee, Director or Consultant to whom an Award is granted pursuant to the Plan or, if applicable, such other person who holds an outstanding Award.

(oo) "**Performance Award**" means a Restricted Stock Unit Award or other Award that may vest or may be exercised or a cash award that may vest or become earned and paid contingent upon the attainment during a Performance Period of certain Performance Goals and which is granted under the terms and conditions of Section 5 pursuant to such terms as are approved by the Board or the Committee. In addition, to the extent permitted by Applicable Law and set forth in the applicable Award Agreement, the Committee may determine that cash or other property may be used in payment of Performance Awards. Performance Awards that are settled in cash or other property are not required to be valued in whole or in part by reference to, or otherwise based on, the Common Stock.

(pp) "**Performance Criteria**" means the one or more criteria that the Board or Committee will select for purposes of establishing the Performance Goals for a Performance Period. The Performance Criteria that will be used to establish such Performance Goals may be based on any measure of performance selected by the Board or Committee.

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(qq) "**Performance Goals**" means, for a Performance Period, the one or more goals established by the Board or Committee for the Performance Period based upon the Performance Criteria. Performance Goals may be based on a Company-wide basis, with respect to one or more business units, divisions, Affiliates, or business segments, and in either absolute terms or relative to the performance of one or more comparable companies or the performance of one or more relevant indices. Unless specified otherwise by the Board (i) in the Award Agreement at the time the Award is granted or (ii) in such other document setting forth the Performance Goals at the time the Performance Goals are established, the Board or Committee will appropriately make adjustments in the method of calculating the attainment of Performance Goals for a Performance Period as follows: (1) to exclude restructuring and/or other nonrecurring charges; (2) to exclude exchange rate effects; (3) to exclude the effects of changes to generally accepted accounting principles; (4) to exclude the effects of any statutory adjustments to corporate tax rates; (5) to exclude the effects of items that are "unusual" in nature or occur "infrequently" as determined under generally accepted accounting principles; (6) to exclude the dilutive effects of acquisitions or joint ventures; (7) to assume that any business divested by the Company achieved performance objectives at targeted levels during the balance of a Performance Period following such divestiture; (8) to exclude the effect of any change in the outstanding shares of Common Stock of the Company by reason of any stock dividend or split, stock repurchase, reorganization, recapitalization, merger, consolidation, spin-off, combination or exchange of shares or other similar corporate change, or any distributions to common shareholders other than regular cash dividends; (9) to exclude the effects of stock based compensation and the award of bonuses under the Company's bonus plans; (10) to exclude costs incurred in connection with potential acquisitions or divestitures that are required to be expensed under generally accepted accounting principles; (11) to exclude the goodwill and intangible asset impairment charges that are required to be recorded under generally accepted accounting principles; and (12) to exclude the effects of the timing of acceptance for review and/or approval of submissions to the U.S. Food and Drug Administration or any other regulatory body. In addition, the Committee retains the discretion to reduce or eliminate the compensation or economic benefit due upon attainment of Performance Goals and to define the manner of calculating the Performance Criteria it selects to use for such Performance Period. Partial achievement of the specified criteria may result in the payment or vesting corresponding to the degree of achievement as specified in the Award Agreement or the written terms of a Performance Cash Award.

(rr) "**Performance Period**" means the period of time selected by the Committee or the Board over which the attainment of one or more Performance Goals will be measured for the purpose of determining a Participant's right to vesting or exercise of an Award. Performance Periods may be of varying and overlapping duration, at the sole discretion of the Committee or the Board.

(ss) "**Plan**" means this Oragenics, Inc. 2021 Equity Incentive Plan.

(tt) "**Plan Administrator**" means the person, persons, and/or third-party administrator designated by the Company to administer the day to day operations of the Plan and the Company's other equity incentive programs.

(uu) "**Post-Termination Exercise Period**" means the period following termination of a Participant's Continuous Service within which an Option or SAR is exercisable, as specified in Section 4(g) or Section 5(g), as applicable.

(vv) "**Prior Plan Available Reserve**" means the number of shares available for the grant of new awards under the Prior Plan as of the date immediately prior to the Effective Date.

(ww) "**Prior Plan**" mean the Oragenics, Inc. 2012 Equity Incentive Plan, as amended from time to time.

(xx) "**Restricted Stock Award**" or "**RSA**" means an Award of shares of Common Stock which is granted pursuant to the terms and conditions of Section 6(a).

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(yy) "**Restricted Stock Award Agreement**" means a written agreement between the Company and a holder of a Restricted Stock Award evidencing the terms and conditions of a Restricted Stock Award grant. The Restricted Stock Award Agreement includes the Grant Notice for the Restricted Stock Award and the agreement containing the written summary of the general terms and conditions applicable to the Restricted Stock Award and which is provided to a Participant along with the Grant Notice. Each Restricted Stock Award Agreement will be subject to the terms and conditions of the Plan.

(zz) "**Returning Shares**" means shares subject to outstanding stock awards granted under the Prior Plan and that following the Effective Date: (A) are not issued because such stock award or any portion thereof expires or otherwise terminates without all of the shares covered by such stock award having been issued; (B) are not issued because such stock award or any portion thereof is settled in cash; (C) are forfeited back to or repurchased by the Company because of the failure to meet a contingency or condition required for the vesting of such shares; (D) are withheld or reacquired to satisfy the exercise, strike or purchase price; or (E) are withheld or reacquired to satisfy a tax withholding obligation.

(aaa) "**RSU Award**" or "**RSU**" means an Award of restricted stock units representing the right to receive an issuance of shares of Common Stock which is granted pursuant to the terms and conditions of Section 6(b).

(bbb) "**RSU Award Agreement**" means a written agreement between the Company and a holder of a RSU Award evidencing the terms and conditions of a RSU Award grant. The RSU Award Agreement includes the Grant Notice for the RSU Award and the agreement containing the written summary of the general terms and conditions applicable to the RSU Award and which is provided to a Participant along with the Grant Notice. Each RSU Award Agreement will be subject to the terms and conditions of the Plan.

(ccc) "**Rule 16b-3**" means Rule 16b-3 promulgated under the Exchange Act or any successor to Rule 16b-3, as in effect from time to time.

(ddd) "**Rule 405**" means Rule 405 promulgated under the Securities Act.

(eee) "**Section 409A**" means Section 409A of the Code and the regulations and other guidance thereunder.

(fff) "**Section 409A Change in Control**" means a change in the ownership or effective control of the Company, or in the ownership of a substantial portion of the

Company's assets, as provided in Section 409A(a)(2)(A)(v) of the Code and Treasury Regulations Section 1.409A-3(i)(5) (without regard to any alternative definition thereunder).

(ggg) "*Securities Act*" means the Securities Act of 1933, as amended.

(hhh) "*Share Reserve*" means the number of shares available for issuance under the Plan as set forth in Section 2(a).

(iii) "*Stock Appreciation Right*" or "*SAR*" means a right to receive the appreciation on Common Stock that is granted pursuant to the terms and conditions of Section 5.

(jjj) "*SAR Agreement*" means a written agreement between the Company and a holder of a SAR evidencing the terms and conditions of a SAR grant. The SAR Agreement includes the Grant Notice for the SAR and the agreement containing the written summary of the general terms and conditions applicable to the SAR and which is provided to a Participant along with the Grant Notice. Each SAR Agreement will be subject to the terms and conditions of the Plan.

(kkk) "*Subsidiary*" means, with respect to the Company, (i) any corporation of which more than 50% of the outstanding capital stock having ordinary voting power to elect a majority of the board of directors of such corporation (irrespective of whether, at the time, stock of any other class or classes of such corporation will have or might have voting power by reason of the happening of any contingency) is at the time, directly or indirectly, Owned by the Company, and (ii) any partnership, limited liability company or other entity in which the Company has a direct or indirect interest (whether in the form of voting or participation in profits or capital contribution) of more than 50%.

(lll) "*Ten Percent Shareholder*" means a person who Owns (or is deemed to Own pursuant to Section 424(d) of the Code) stock possessing more than 10% of the total combined voting power of all classes of stock of the Company or any Affiliate.

(mmm) "*Trading Policy*" means the Company's policy permitting certain individuals to sell Company shares only during certain "window" periods and/or otherwise restricts the ability of certain individuals to transfer or encumber Company shares, as in effect from time to time.

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APPENDIX C

REQUEST FOR INTERIM FINANCIAL STATEMENTS

Oragenics, Inc.

Request for Interim Financial Statements

In accordance with National Instrument 54-102 of the Canadian Securities Administrators, registered and beneficial shareholders of the subject Corporation may elect annually to receive interim corporate mailings, including interim financial statements of the Corporation, if they so request. If you wish to receive such mailings, please complete and return this form to:

Oragenics, Inc.
Investor Relations
4902 Eisenhower Blvd., Suite 125
Tampa, Florida 33634

NAME:

ADDRESS:

POSTAL CODE:

I confirm that I am an owner of common stock of the Corporation.

SIGNATURE OF
SHAREHOLDER:

DATE:

CUSIP: 684023203

SCRIP COMPANY CODE: ORGQ

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APPENDIX D

PROXY CARD

PROXY FOR THE ANNUAL MEETING OF SHAREHOLDERS OF ORAGENICS, INC.

TO BE HELD AT THE OFFICES OF SHUMAKER, LOOP, & KENDRICK, BANK OF AMERICA PLAZA, 101 E KENNEDY BLVD SUITE 2800, TAMPA, FL 33602 ON WEDNESDAY JUNE 30, 2021, AT 9:00 A.M., EASTERN TIME.

The undersigned shareholder of Oragenics, Inc. (the "Company"), Tampa, Florida, hereby constitutes and appoints Mike Sullivan with full power of substitution or in the place of the foregoing, Frederick Telling as proxy holder, for and on behalf of the undersigned shareholder with the power of substitution to attend, act and vote the number of shares of Common Stock which the undersigned would be entitled to vote if personally present at the Annual Meeting of Shareholders of Shareholders or at any adjournments thereof, upon the proposals described in the Notice to the Holders of Common Stock of the Annual Meeting of Shareholders and Proxy Statement, both dated May [], 2021, the receipt of which is acknowledged, in the manner specified below. The proxies, in their discretion, are further authorized to vote on any shareholder proposals not submitted to the Company for a vote of the shareholders at the Annual Meeting of Shareholders within a reasonable time prior to the mailing of the proxy materials, as well as on the election of any person as a Director if a Director nominee named in Proposal I is unable to serve or for good cause will not serve, and on matters incident to the conduct of the Annual Meeting of Shareholders. At the present time, the Board of Directors knows of no other business to be presented to a vote of the shareholders at the Annual Meeting of Shareholders.

This Proxy, when properly executed, will be voted in the manner directed by the undersigned shareholder. **If no direction is made, this Proxy will be voted FOR the election of the Directors listed on the reverse side and FOR Proposals II, III, IV and V.**

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS OF ORAGENICS, INC. AND MAY BE REVOKED BY THE SHAREHOLDER PRIOR TO ITS EXERCISE. The undersigned reserves the right to revoke this Proxy at any time prior to the Proxy being voted at the Meeting. The Proxy may be revoked by delivering a signed revocation to the Company at any time prior to the Meeting, by submitting a later-dated Proxy, or by attending the Meeting in person and casting a ballot. The undersigned hereby revokes any proxy previously given to vote such shares at the Meeting.

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PROXY

A. PROPOSALS – The Board of Directors recommends a vote FOR all the nominees listed and FOR Proposals II, III, IV and V.

Proposal I: Election of Directors. On the proposal to elect the following Directors to serve until the indicated Annual Meeting of Shareholders of the Company and until their successors are elected and qualified:

Dr. Frederick W. Telling	For <input type="checkbox"/>	Withhold Authority <input type="checkbox"/>
Robert C. Koski	For <input type="checkbox"/>	Withhold Authority <input type="checkbox"/>
Charles L. Pope	For <input type="checkbox"/>	Withhold Authority <input type="checkbox"/>
Dr. Alan Dunton	For <input type="checkbox"/>	Withhold Authority <input type="checkbox"/>
Kimberly M. Murphy	For <input type="checkbox"/>	Withhold Authority <input type="checkbox"/>

Proposal II: Advisory vote on executive compensation.

For Against Abstain

Proposal III: To approve the adoption of an amendment to Company's Articles of Incorporation to increase the number of authorized shares of Common Stock from 200 million shares to 250 million shares.

For Against Abstain

Proposal IV: To approve the Company's 2021 Equity Incentive Plan.

For Against Abstain

Proposal V: Ratification of the selection of Mayer Hoffman McCann P.C. as the Company's independent auditors for the year ending December 31, 2021.

For Against Abstain

B. Authorized Signatures – This section must be completed for your vote to be counted. — Date and Sign Below.

Please sign exactly as your name appears on your stock certificate and date. Where shares are held jointly, each shareholder should sign. When signing as executor, administrator, trustee, or guardian, please give full title as such. If a corporation, please sign in full corporate name by president or other authorized officer. If a partnership, please sign in full partnership name by authorized person.

Shares Held: _____

Signature of Shareholder _____

Signature of Shareholder (If held jointly) _____

Dated: _____

THIS PROXY FORM IS NOT VALID UNLESS IT IS SIGNED.

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