

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

SCHEDULE 14A INFORMATION

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

Sophiris Bio 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)(1) 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):

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1. Amount Previously Paid:

2. Form, Schedule or Registration Statement No.:

3. Filing Party:

4. Date Filed:

Sophiris Bio Inc.
1258 Prospect Street
La Jolla, CA 92037

NOTICE OF ANNUAL GENERAL MEETING OF SHAREHOLDERS

To Be Held On June 27, 2019

Dear Shareholder:

You are cordially invited to attend the 2019 Annual General Meeting of Shareholders (the "Annual Meeting") of Sophiris Bio Inc., a British Columbia corporation (the "Company"). The Annual Meeting will be held on Thursday, June 27, 2019 at 11:00 a.m. local time at the offices of Cooley LLP located at 4401 Eastgate Mall, San Diego, California 92121 for the following purposes:

1. To receive the audited financial statements of the Company from the financial year ended December 31, 2018 and accompanying report of the independent registered public accounting firm.
2. To elect the six director nominees named herein to hold office until the 2020 Annual General Meeting of the Shareholders.
3. To approve, on an advisory basis, the compensation of the Company's named executive officers, as disclosed in the proxy statement accompanying this Notice.
4. To indicate, on an advisory basis, the preferred frequency of shareholder advisory votes on the compensation for the Company's named executive officers.
5. To appoint PricewaterhouseCoopers LLP as the independent registered public accounting firm of the Company for its fiscal year ending December 31, 2019.
6. To conduct any other business as may properly be brought before the Annual Meeting or any adjournment or postponement thereof.

These items of business are more fully described in the proxy statement accompanying this Notice.

The record date for the Annual Meeting is April 30, 2019. Only shareholders of record at the close of business on that date may vote at the Annual Meeting or any adjournment or postponement thereof.

By Order of the Board of Directors,

/s/ Randall E. Woods
Randall E. Woods
Chief Executive Officer and President

La Jolla, California
April 30, 2019

You are cordially invited to attend the Annual Meeting in person. Whether or not you expect to attend the Annual Meeting, please complete, sign, date and return the proxy card mailed to you, or vote over the telephone or the internet as instructed in these materials, as promptly as possible in order to ensure your representation at the Annual Meeting. A return envelope is enclosed for your convenience. Even if you have voted by proxy, you may still vote in person if you attend the Annual Meeting. Please note, however, that if your shares are held of record by a brokerage firm, bank or other similar organization and you wish to vote at the Annual Meeting, you must follow the instructions of your intermediary to submit your voting instructions or attend the Annual Meeting in person.

We will be using the U.S. Securities and Exchange Commission Notice and Access model, which allows us to deliver proxy materials via the Internet, as the primary means of furnishing proxy materials. We believe Notice and Access provides shareholders with a convenient method to access the proxy materials and vote while reducing the costs of printing and distributing the proxy materials. We have elected to mail to shareholders a Notice of Internet Availability of Proxy Materials ("Notice") containing instructions on how to access our proxy statement, how to vote via the Internet and how to request a printed set of the proxy materials at no charge. The Notice also contains instructions on how to receive a paper copy of the proxy materials.

The Notice for the Annual Meeting to be held on June 27, 2019, the Proxy Statement and the 2018 Annual Report on Form 10-K are available at <http://investor.sophirisbio.com/node/5881> and www.sedar.com.

Sophiris Bio Inc.
1258 Prospect Street
La Jolla, California 92037

**PROXY STATEMENT
FOR THE 2019 ANNUAL GENERAL MEETING OF SHAREHOLDERS**

To be held on June 27, 2019

QUESTIONS AND ANSWERS ABOUT THESE PROXY MATERIALS AND VOTING

Why did I receive a notice regarding the availability of proxy materials on the internet?

Pursuant to rules adopted by the U.S. Securities and Exchange Commission (the “SEC”), we have elected to provide access to our proxy materials over the internet. Accordingly, we have sent you a Notice of Internet Availability of Proxy Materials (the “Notice”) because the Board of Directors (sometimes referred to as the “Board”) of Sophiris Bio Inc. (sometimes referred to as “we,” “us,” the “Company” or Sophiris) is soliciting your proxy to vote at the 2019 Annual General Meeting of Shareholders (the “Annual Meeting”), including at any adjournments or postponements of the Annual Meeting. All shareholders will have the ability to access the proxy materials on the website referred to in the Notice or request to receive a printed set of the proxy materials. Instructions on how to access the proxy materials over the internet or to request a printed copy may be found in the Notice.

We intend to mail the Notice on or about May 17, 2019 to all shareholders of record entitled to vote at the Annual Meeting.

Will I receive any other proxy materials by mail?

We may send you a proxy card, along with a second Notice, on or after June 7, 2019.

How do I attend the Annual Meeting?

The meeting will be held on Thursday, June 27, 2019 at 11:00 am local time at the offices of Cooley LLP located at 4401 Eastgate Mall, San Diego, California 92121. Information on how to vote in person at the Annual Meeting is discussed below.

For directions to the Annual Meeting, please visit the following web address: <http://goo.gl/maps/6G7tFuZNgAS2>.

Who can vote at the Annual Meeting?

Only shareholders of record at the close of business on April 30, 2019 will be entitled to vote at the Annual Meeting. On this record date, there were 30,217,140 common shares outstanding and entitled to vote.

Shareholder of Record: Shares Registered in Your Name

If, on April 30, 2019 your shares were registered directly in your name with the Company’s transfer agent, Computershare, then you are a shareholder of record. As a shareholder of record, you may vote in person at the meeting or vote by proxy. Whether or not you plan to attend the meeting, we urge you to vote your shares by proxy over the Internet or by telephone by following the instructions provided below, or, if you requested to receive printed proxy materials, you may vote by marking, dating and signing the enclosed proxy card and returning it in the postage-paid envelope provided.

Beneficial Owner: Non-Objecting Beneficial Owner

If, on April 30, 2019 your shares were held, not in your name, but rather in an account at a brokerage firm, bank, dealer or other similar organization, and you have given your brokerage firm, bank dealer or other similar organization permission to release your name and address to us you are considered a Non-Objecting Beneficial Owner (“NOBO”). The organization holding your account is considered to be the shareholder of record for purposes of voting at the Annual Meeting.

Only shareholders of record or their proxyholders are entitled to attend and vote at the Annual Meeting. As a beneficial owner, you have the right to direct your broker or other agent regarding how to vote the shares in your account. As a NOBO, you may vote using the voting instruction form sent to you by your broker or other agent or, in order to attend the Annual Meeting in person, you need to either request and obtain a valid proxy from your broker or other agent or otherwise give timely notice in writing to the Company, Computershare, or your intermediary, in accordance with applicable securities laws, so that you are appointed as proxyholder. We urge you to fill out and return voting instruction form sent to you by your broker or other agent to ensure your vote is counted or to take steps to have yourself appointed as proxyholder to attend the Annual Meeting in person.

Beneficial Owner: Objecting Beneficial Owner

If, on April 30, 2019 your shares were held, not in your name, but rather in an account at a brokerage firm, bank, dealer or other similar organization, and you have not given your brokerage firm, bank dealer or other similar organization permission to release your name and address to us then you are considered an Objecting Beneficial Owner (“OBO”). As an OBO you are the beneficial owner of shares held in “street name” and certain proxy materials are being forwarded to you by that organization. We are paying the costs of forwarding these materials to you. The organization holding your account is considered to be the shareholder of record for purposes of voting at the Annual Meeting.

Only shareholders of record or their proxyholders are entitled to attend and vote at the Annual Meeting. As a beneficial owner, you have the right to direct your broker or other agent regarding how to vote the shares in your account. You are also invited to attend the Annual Meeting. However, as an OBO, since you are not the shareholder of record and the Company has no way of verifying that you are a Beneficial Owner, you may not vote your shares in person at the meeting unless you request and obtain a valid proxy from your broker or other agent or otherwise give timely notice in writing to your intermediary, in accordance with applicable securities laws, so that you are appointed as proxyholder. We urge you to fill out and return voting instruction form sent to you by your broker or other agent to ensure your vote is counted or to take steps to have yourself appointed as proxyholder to attend the Annual Meeting in person.

What am I voting on?

There are four matters scheduled for a vote:

- Election of six directors (Proposal 1);
- Advisory approval of the compensation of the Company’s named executive officers, as disclosed in this proxy statement in accordance with SEC rules (Proposal 2);
- Advisory indication of the preferred frequency of shareholder advisory votes on the compensation of the Company’s named executive officers (Proposal 3); and
- Appointment of PricewaterhouseCoopers LLP as the independent registered public accounting firm of the Company for the fiscal year ending December 31, 2019 (Proposal 4).

What if another matter is properly brought before the meeting?

The Board of Directors knows of no other matters that will be presented for consideration at the Annual Meeting. If any other matters are properly brought before the meeting, it is the intention of the persons named in the accompanying proxy to vote on those matters in accordance with their best judgment.

How do I vote?

You may either vote “For” all the nominees to the Board of Directors or you may “Withhold” your vote for any nominee you specify. With regard to your advisory vote on how frequently we should solicit stockholder advisory approval of executive compensation, you may vote for any one of the following: one year, two years or three years, or you may abstain from voting on that matter. For each of the other matters to be voted on, you may vote “For” or “Against” or abstain from voting.

The procedures for voting are fairly simple:

Shareholder of Record: Shares Registered in Your Name

If you are a shareholder of record, you may vote in person at the Annual Meeting or vote by proxy over the Internet or by telephone by following the instructions provided below, or, if you requested to receive printed proxy materials, you may vote by marking, dating and signing the enclosed proxy card and returning it in the postage-paid envelope provided. Whether or not you plan to attend the meeting, we urge you to vote by proxy to ensure your vote is counted. You may still attend the meeting and vote in person even if you have already voted by proxy.

- To vote in person, come to the Annual Meeting and we will give you a ballot when you arrive.
- To vote using the proxy card, simply complete, sign and date the proxy card that may be delivered and return it promptly in the envelope provided. If you return your signed proxy card to us before the Annual Meeting, we will vote or withhold your shares from voting as you direct and, if you specify a choice with respect to any matter to be acted upon, your securities will be voted accordingly.
- To vote over the telephone, dial toll-free 1-800-690-6903 using a touch-tone phone and follow the recorded instructions. You will be asked to provide the company number and control number from the Notice. Your vote must be received by 11:59 p.m. Eastern Time on June 26, 2019 to be counted.
- To vote through the internet, go to www.proxyvote.com to complete an electronic proxy card. You will be asked to provide the company number and control number from the Notice. Your vote must be received by 11:59 p.m. Eastern Time on June 26, 2019 to be counted.
- You have the right to appoint a person (who does not need to be a shareholder) to attend the Annual Meeting and act on your behalf other than the persons designated in the accompanying form of proxy. To exercise this right, strike out the printed names of the individuals specified as proxyholders and insert the name of your nominee in the blank space provided or complete another proper form of proxy.

Beneficial Owners: Shares Registered in the Name of Broker or Bank

If you are a Non-Objecting Beneficial Owner or an Objecting Beneficial Owner of shares registered in the name of your broker, bank, or other agent, you should have received the Notice containing voting instructions from that organization rather than from Sophiris. Simply follow the voting instructions in the Notice to ensure that your vote is counted. To vote in person at the Annual Meeting, you must obtain a valid proxy from your broker, bank or other agent or otherwise give timely notice in writing to your intermediary, in accordance with applicable securities law. Follow the instructions from your broker or bank included with these proxy materials, or contact your broker or bank to request a proxy form.

How many votes do I have?

On each matter to be voted upon where a poll is conducted, you have one vote for each common share you own as of April 30, 2019. At the Annual Meeting, votes will be conducted by show of hands unless a poll is demanded by a shareholder, the Chairman directs a vote or if more than 5% of the votes submitted by proxy or voting instruction form on the matter are "Against" or "Withhold."

What happens if I do not vote?

Shareholder of Record: Shares Registered in Your Name

If you are a shareholder of record and do not vote by completing your proxy card, by telephone, through the internet or in person at the annual meeting, your shares will not be voted.

Beneficial Owner: Shares Registered in the Name of Broker or Bank

If you are a beneficial owner and do not instruct your broker, bank, or other agent how to vote your shares, or to have yourself appointed as proxyholder to attend the Annual Meeting in person, your broker, bank or other agent may still be able to vote your shares in its discretion. In this regard, under the rules of the New York Stock Exchange (“NYSE”), brokers, banks and other securities intermediaries that are subject to NYSE rules may use their discretion to vote “uninstructed” shares with respect to matters to be considered “routine” under NYSE rules, but not with respect to “non-routine” matters. The ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for fiscal year 2019 (Proposal 4) is considered a routine matter and, as such, brokers and other nominees may vote on that proposal in the absence of specific instructions from the beneficial owner. The election of the six director nominees (Proposal 1), the advisory approval of executive compensation of our named executive officers (Proposal 2) and the preferred frequency of advisory votes to approve executive compensation of our named executive officers (Proposal 3) are considered non-routine matters and brokers and other nominees may not vote your shares on those proposals in the absence of your voting instructions.

If you are a beneficial owner of shares held in street name, in order to ensure your shares are voted in the way you would prefer, you must provide voting instructions to your broker, bank or other agent by the deadline provided in the materials you receive from your broker, bank or other agent.

What are “broker non-votes”?

A broker non-vote occurs when a nominee (typically a broker or bank) holding shares for a beneficial owner (typically referred to as shares being held in “street name”) submits a proxy for those shares, but indicates on the proxy that it does not have authority to vote those shares on particular proposals because it has not received specific voting instructions from the beneficial owner for those proposals.

What if I return a proxy card or otherwise vote but do not make specific choices?

If you are the shareholder of record and you return a signed and dated proxy card or otherwise vote without marking voting selections, your shares will be voted, as applicable, “For” the election of all six nominees for director (Proposal 1), “For” the advisory approval of executive compensation of our named executive officers (Proposal 2), for “One Year” as the preferred frequency of advisory votes to approve executive compensation of our named executive officers (Proposal 3) and “For” the appointment of PricewaterhouseCoopers LLP as independent registered public accounting firm of the Company for the fiscal year ending December 31, 2019 (Proposal 4). If any other matter is properly presented at the meeting, your proxyholder (one of the individuals named on your proxy card) will vote your shares using his or her best judgment.

Who is paying for this proxy solicitation?

We will pay for the entire cost of soliciting proxies. In addition to these proxy materials, our directors and employees, Broadridge and Computershare may also solicit proxies in person, by telephone, or by other means of communication. Directors and employees will not be paid any additional compensation for soliciting proxies, but a third party solicitor may be paid a fee if it solicits proxies at the Company’s request. We may also reimburse brokerage firms, banks and other agents for the cost of forwarding proxy materials to beneficial shareholders.

What does it mean if I receive more than one Notice?

If you receive more than one Notice, your shares may be registered in more than one name or in different accounts. Please follow the voting instructions on the Notice to ensure that all of your shares are voted.

Can I change my vote after submitting my proxy?

Shareholder of Record: Shares Registered in Your Name

Yes. You can revoke your proxy at any time before the final vote at the Annual Meeting. If you are the record holder of your shares, you may revoke your proxy in any one of the following ways:

- You may submit another properly completed proxy card with a later date.
 - You may send a timely written notice that you are revoking your proxy to Sopheris Bio Inc. at 1258 Prospect Street, La Jolla, California 92037, Attention: Corporate Secretary or to our registered office at 2900-550 Burrard Street, Vancouver, British Columbia, V6C 0A3.
 - You may attend the Annual Meeting and vote in person. Simply attending the meeting will not, by itself, revoke your proxy.
 - You may revoke your proxy in any other manner allowed by law.
-

Your most current proxy card is the one that is counted.

Beneficial Owner: Shares Registered in the Name of Broker or Bank

If your shares are held by your broker or bank as a nominee or agent, you should follow the instructions provided by your broker or bank in order to change your vote.

How are votes counted?

Votes will be counted by the inspector of election (scrutineer) appointed for the meeting, who will separately count the votes “For,” “Withhold” and broker non-votes with respect to the proposals to elect our nominees for director (Proposal 1), the votes “For,” “Against,” abstentions and broker non-votes with respect to proposal regarding the advisory vote on the compensation of the Company’s named executive officers (Proposal 2), the votes “One Year,” “Two Years,” “Three Years”, abstentions and broker non-votes with respect to the proposal regarding frequency of shareholder advisory votes to approve executive compensation (Proposal 3), and the votes “For” and “Against,” and abstentions with respect to the appointment of the independent registered public accounting firm (Proposal 4).

Abstentions will be counted towards the vote total for Proposal 2 regarding the advisory vote on the compensation of our named executive officers and Proposal 4 regarding the appointment of the independent registered public accounting firm and will have the same effect as “Against” votes. For Proposal 3 regarding the frequency of shareholder advisory votes to approve executive compensation, abstentions will be counted towards the vote total, and will have the same effect as votes against each of the proposed voting frequencies. Broker non-votes will have no effect and will not be counted towards the vote total for any proposal.

How many votes are needed to approve each proposal?

- Proposal 1: For the election of directors, the six nominees receiving the most “For” votes from the holders of shares present in person or represented by proxy and entitled to vote on the election of directors will be elected. Broker non-votes will have no effect.
- Proposal 2: For the advisory approval of the compensation of the Company’s named executive officers, the proposal will be considered to be approved if it receives “For” votes from the holders of a majority of shares present in person or represented by proxy and entitled to vote on the matter. If you mark your proxy to “Abstain” from voting, it will have the same effect as an “Against” vote. Broker non-votes will have no effect.
- Proposal 3: For the advisory vote on the frequency of shareholder advisory votes on executive compensation, the frequency receiving the votes of the holders of a majority of shares present in person or represented by proxy and entitled to vote on the matter will be considered the frequency preferred by the shareholders. If you mark your proxy to “Abstain” from voting, it will have the same effect as an “Against” vote on each of the proposed voting frequencies. Broker non-votes will have no effect.
- Proposal 4: For the appointment of PricewaterhouseCoopers LLP as the independent registered public accounting firm of the Company for its fiscal year ending December 31, 2019, the resolution must receive at least one “For” vote from the holders of shares present and in person or represented by proxy and entitled to vote on the matter.

What is the quorum requirement?

A quorum of shareholders is necessary to hold a valid Annual Meeting. Under the Company’s Articles, a quorum is two persons who are, or who represent by proxy, shareholders who, in the aggregate, hold at least 5% of the issued and outstanding shares entitled to vote at the Annual Meeting. Notwithstanding the quorum provisions of the Company’s Articles, pursuant to the rules of the Nasdaq Stock Market (“Nasdaq”), the Company is required to have a minimum quorum of at least one third of the outstanding shares represented by shareholders present at the Annual Meeting or by proxy. On the record date, there were 30,217,140 shares outstanding and entitled to vote. Thus 10,072,380 shares must be represented by shareholders present at the Annual Meeting or by proxy to have a quorum.

Your shares will be counted towards the quorum only if you submit a valid proxy (or one is submitted on your behalf by your broker) or you vote in person at the Annual Meeting. Abstentions and broker non-votes will be counted towards the quorum requirement. If there is no quorum, either the chairman of the Annual Meeting or a majority of the votes present at the Annual Meeting may adjourn the meeting to another date.

How can I find out the results of the voting at the Annual Meeting?

Preliminary voting results will be announced at the Annual Meeting. In addition, final voting results will be published in a current report on Form 8-K that we expect to file with the SEC within four business days after the Annual Meeting. If final voting results are not available to us in time to file a Form 8-K within four business days after the Annual Meeting, we intend to file a Form 8-K to publish preliminary results and, within four business days after the final results are known to us, file an additional Form 8-K to publish the final results. We will also file a report on voting results on the System for Electronic Document Analysis and Retrieval ("SEDAR") at www.sedar.com.

What is the deadline to submit a proposal for inclusion in the proxy materials for the 2020 Annual Meeting of the Shareholders?

Shareholder proposals should be addressed to Sophiris Bio Inc., Attn: Corporate Secretary, 1258 Prospect Street, La Jolla, CA 92037 or to our registered office, care of Fasken Martineau DuMoulin LLP, Attn: Sophiris Bio Inc., 2900-550 Burrard Street, Vancouver, British Columbia V6C 0A3. To be eligible for inclusion in the proxy materials for the 2020 Annual General Meeting of the Shareholders, a shareholder proposal must be received by the Company by the close of business on March 27, 2020, must be less than 1,000 words in length and must be signed by qualified shareholders of the Company who hold, in aggregate, shares that are equal to (i) at least 1% of the issued and outstanding common shares of the Company by number or (ii) that have a fair market value of more than \$2,000.

Shareholder proposals to be submitted to our proxy statement for our 2020 Annual General Meeting of the Shareholders must be received by us on or before January 18, 2020 pursuant to Rule 14a-8 of the Exchange Act of 1934, as amended (the "Exchange Act"). Alternatively, direct shareholder nominations must be made in accordance with the provisions governing shareholder proposals under the *Business Corporations Act* (British Columbia) (the "BCBCA"). To be eligible for consideration for the 2020 Annual General Meeting of the Shareholders under the BCBCA, a shareholder nomination must be received by the Company by the close of business on March 27, 2020.

PROPOSAL 1

ELECTION OF DIRECTORS

Our Board of Directors consists of six directors. There are six nominees for director this year. Directors of the Company are elected at each annual general meeting of the Company and hold office until the next annual general meeting of the Company, unless the office is earlier vacated in accordance with the Articles of the Company or the BCBCA or he or she becomes disqualified to act as a director. Each of the nominees listed below is currently a director of the Company who was previously elected by the shareholders. It is the Company's policy to invite nominees for directors to attend the annual meeting. Two of our six directors attended the 2018 Annual General Meeting in-person.

Directors are elected by a plurality of the votes of the holders of shares present at the annual general meeting in person or represented by proxy and entitled to vote on the election of directors. Accordingly, the six nominees receiving the highest number of "For" votes will be elected.

The Board of Directors adopted a policy that requires, in an uncontested election of directors, any nominee for election as a director who receives a greater number of votes "Withheld" votes than "For" votes to tender his or her resignation to the Board promptly following the Annual Meeting. The Corporate Governance and Nomination Committee will consider the offer of resignation and make a recommendation to the Board on whether to accept it. In considering whether or not to recommend acceptance of the resignation, the Corporate Governance and Nomination Committee will consider all factors deemed relevant by members of such Committee. The Corporate Governance and Nomination Committee will be expected to recommend acceptance of the resignation except in situations where the relevant factors considered would warrant the applicable director continuing to serve on the Board. The Board will make its final decision and announce it in a news release within 90 days following the Annual Meeting. A director who tenders his resignation pursuant to this policy will not participate in any meeting of the Board or the Corporate Governance and Nomination Committee at which the resignation is considered.

Nominees

The Board of Directors does not contemplate that any of its nominees will be unable to serve as a director. If any vacancies occur in the slate of nominees before the Annual Meeting, then the proxyholders named in the accompanying form of proxy intend to exercise discretionary authority to vote the shares represented by proxy for the election of any other persons as directors.

The Corporate Governance and Nomination Committee has identified and evaluated nominees who have high personal and professional integrity, have demonstrated ability and sound judgment and are effective, in conjunction with the other nominees to the Board, in collectively serving the long-term interests of the Company's shareholders.

The following is a brief biography of each nominee for director and a discussion of the specific experience, qualifications, attributes or skills of each nominee that led the Board of Directors to recommend that person as a nominee for director, as of the date of this proxy statement.

| Name, Place of Residence and Offices Held | Age | Period Served as Director | Number and Type of Securities Held as of December 31, 2018 ⁽¹⁾ |
|---|------------|----------------------------------|--|
| Dr. Lars Ekman California, USA <i>Chairman and Director</i> | 69 | November 2010 to present | 64,750 stock options |
| Jim Heppell British Columbia, Canada <i>Director</i> | 63 | May 2003 to present | 14,070 common shares ^(*) 64,750 stock options |
| Dr. Allison Hulme California, USA <i>Chief Operating Officer, Head of Research and Development and Director</i> | 56 | October 2016 to present | 607,948 stock options |
| Dr. John (Jack) Geltosky Pennsylvania, USA <i>Director</i> | 73 | September 2008 to present | 64,750 stock options |
| Gerald T. Proehl California, USA <i>Director</i> | 60 | March 2014 to present | 10,000 common shares ^(*) 74,627 stock options |
| Randall E. Woods California, USA <i>Chief Executive Officer, President and Director</i> | 67 | October 2012 to present | 27,500 common shares ^(*) 1,053,953 stock options |

(1) Number and type of securities held include securities which the nominee may be deemed to be a beneficial owner.

(*) Represents beneficial ownership of less than 1% of our outstanding common shares.

Dr. Lars Ekman, Chairman

Dr. Ekman has been our Chairman since September 2012 and prior to that was our Executive Chairman from April 2011 to August 2012. Dr. Ekman has been a member of our Board since November 2010. He served as our President from April 2011 to August 2012. Dr. Ekman also currently serves as an executive partner of Sofinnova, a venture capital fund, a position he has held since April 2008. From January 2001 to December 2007, Dr. Ekman was Executive Vice President and President of Research & Development at Elan Pharmaceuticals, a neuroscience-focused biotechnology company. Prior to joining Elan, Dr. Ekman was Executive Vice President, Research and Development at Schwartz Pharma AG, a biopharmaceutical company, from February 1997 to January 2001. Prior to joining Schwartz, Dr. Ekman served in various senior executive roles at Pharmacia (now Pfizer), a pharmaceutical company, for over 16 years. Dr. Ekman is the Chairman of the Board of Directors of Prothena Biosciences Limited and Amarin Corporation plc. Dr. Ekman serves on the Board of Directors of Spark Therapeutics, Inc. and Ultragenyx Pharmaceutical Inc. Dr. Ekman is a board certified surgeon with a Ph.D. in experimental biology. He obtained his Ph.D. and M.D. from the University of Gothenburg, Sweden. Based on Dr. Ekman's senior management experience in the biopharmaceutical industry, his scientific background and his knowledge of and perspective on the company, the Board believes Dr. Ekman has the appropriate set of skills to serve on our Board.

Jim Heppell, Director

Mr. Heppell was our founding Chief Executive Officer and President and has served on our Board since May 2003. From July 2005 to December 2014, Mr. Heppell was the President and co-founder of BC Advantage Funds (VCC) Ltd., a venture capital corporation located in British Columbia. Prior to his involvement with BC Advantage Funds, Mr. Heppell was co-founder, Chief Executive Officer and President of Catalyst Corporate Finance Lawyers, a boutique corporate finance law firm representing life science and technology companies. Mr. Heppell serves on the Board of Directors of Emerald Health Therapeutics. Mr. Heppell has a B.Sc. degree in Microbiology and an LL.B. from the University of British Columbia. Based on Mr. Heppell's experience investing in and building life science companies as well as his experience serving on the boards of other public and private life science companies, the Board believes Mr. Heppell has the appropriate set of skills to serve on our Board.

Dr. Allison Hulme, Chief Operating Officer, Head of Research and Development and Director

Dr. Hulme has been our Chief Operating Officer and Head of Research and Development since April 2011 and a member of our Board since October 2016. Dr. Hulme brings over 20 years of drug development experience to the company. From January 2005 to October 2009, Dr. Hulme served as Executive Vice President of Autoimmune, Tysabri, Global Development and Head of Autoimmune and Tysabri Franchise at Elan Corporation, plc (also known as Elan Pharmaceuticals), a neuroscience-focused biotechnology company. She served as Executive Vice President and head of global development at Elan Pharmaceuticals from October 1995 to January 2005. Previously, Dr. Hulme held several positions in clinical research at Glaxo Wellcome Pharmaceuticals and served as lecturer at Luton University. Dr. Hulme holds a first class honors Degree in Science from Luton University and a Ph.D. from Cranfield Institute of Technology. Based on Dr. Hulme's extensive experience in drug development, specifically the management of clinical trials, the Board believes Dr. Hulme has the appropriate set of skills to serve on our Board.

Dr. John (Jack) Geltosky, Director

Dr. Geltosky has served on our Board since September 2008. He is currently Managing Director of JEG and Associates, LLC, a business development consultancy firm focused on biotech and pharmaceuticals, a position he has held since September 2011. From October 2007 to September 2011, Dr. Geltosky served as Senior Vice President of Business Development for Arizona Technology Enterprises, the technology transfer arm of Arizona State University. Prior to Arizona Technology Enterprises, Dr. Geltosky was Vice President of External Science, Technology and Licensing at Bristol Myers Squibb, or BMS, a public pharmaceuticals company, where he was responsible for the acquisition and licensing of, as well as coordinating due diligence efforts on, potential in- and out-licensing candidates. Prior to joining BMS, Dr. Geltosky was President and Chief Executive Officer of Message Pharmaceuticals, Inc., a pharmaceutical company. Prior to Message Pharmaceuticals, he was Vice President, Scientific Licensing, Worldwide Business Development at SmithKline Beecham (now GlaxoSmithKline). For 10 years, Dr. Geltosky held roles of increasing responsibility within Johnson & Johnson. Dr. Geltosky began his career as a research scientist at E.I. DuPont. Dr. Geltosky holds a B.S. in chemistry from Memphis State University and a Ph.D. in biochemistry from the California Institute of Technology. Based on Dr. Geltosky's senior management experience in the biotechnology industry and his scientific background as well as his experience evaluating drug candidates, the Board believes Dr. Geltosky has the appropriate set of skills to serve on our Board.

Gerald T. Proehl, Director

Mr. Proehl has served on our Board since March 2014. He is currently director, President and Chief Executive Officer of Dermata Therapeutics, LLC, a privately held company targeting diseases in dermatology, a position he has held since May 2015. From January 2002, until its acquisition by Salix Pharmaceuticals, in January 2014, Mr. Proehl served as the President, Chief Executive Officer and director of Santarus, Inc. From March 2000 through December 2001, Mr. Proehl was the President and Chief Operating Officer of Santarus. From April 1999 to March 2000, Mr. Proehl served as Vice President, Marketing and Business Development of Santarus. Prior to joining Santarus, Mr. Proehl was with Hoechst Marion Roussel, Inc., a global pharmaceutical company, for 14 years. At Hoechst Marion Roussel, Mr. Proehl served in various capacities in multiple therapeutic areas and was responsible for the marketing of gastrointestinal products Carafate and Pentasa, among products in several other therapeutic areas. Mr. Proehl serves on the Board of Directors of Tenax Therapeutics, Inc. Mr. Proehl holds a B.S. in education from the State University of New York at Cortland, an M.A. in exercise physiology from Wake Forest University and an M.B.A. from Rockhurst College. Based on Mr. Proehl's senior management experience in the biopharmaceutical industry and his extensive experience in commercial and business development in the pharmaceutical sector, the Board believes Mr. Proehl has the appropriate set of skills to serve on our Board.

Randall E. Woods, Chief Executive Officer, President and Director

Mr. Woods has been our Chief Executive Officer and President since August 2012 and a member of our Board since October 2012 and brings with him more than 40 years of biotech and pharmaceutical leadership experience. Prior to joining Sophiris, Mr. Woods was serving as a consultant to a number of private biotechnology companies. From September 2007 until September 2011, Mr. Woods was President and Chief Executive Officer of Sequel Pharmaceuticals, a private biotechnology company. Mr. Woods was the President and Chief Executive Officer of NovaCardia, Inc., a pharmaceutical company focused on cardiovascular diseases, until its acquisition by Merck & Co. From May 1996 until July 2003 and prior to NovaCardia, Mr. Woods was President and Chief Executive Officer of Corvas International, Inc., a publicly held biopharmaceutical company focused on cardiovascular disease and cancer, until its acquisition by Dendreon Corporation in July 2003. Before joining Corvas, he served as President of Boehringer Mannheim's U.S. pharmaceutical operations from March 1994 until March 1996 and was Vice President of Marketing and Sales at Boehringer Mannheim from December 1993 to February 1994. Prior to that he spent 20 years at Eli Lilly & Company in various sales and marketing positions from 1973 to December 1993. Mr. Woods is a past Chairman for the advisory board of UC San Diego's Sulpizio Family Cardiovascular Center and is a past Chairman of the Board of Directors for BIOCOM, a life science industry association in Southern California. Mr. Woods serves on the Board of Directors of Arena Pharmaceuticals. He received his B.S. in biology and chemistry from Ball State University and an M.B.A. in marketing from Western Michigan University. Based on Mr. Woods' expertise and extensive experience in biotechnology and service as our Chief Executive Officer and President, the Board believes Mr. Woods has the appropriate set of skills to serve on our Board.

The Board of Directors Recommends a Vote "FOR" Each Nominee

INFORMATION REGARDING THE BOARD OF DIRECTORS AND CORPORATE GOVERNANCE

Independence of the Board of Directors

As required under the Nasdaq listing standards, a majority of the members of a listed company's Board of Directors must qualify as "independent," as affirmatively determined by the Board of Directors. The Board consults with the Company's counsel to ensure that the Board's determinations are consistent with relevant securities and other laws and regulations regarding the definition of "independent," including those set forth in pertinent listing standards of Nasdaq, as in effect from time to time.

Our Board has undertaken a review of its composition, the composition of its committees and the independence of each director. Based upon information requested from and provided by each director concerning his background, employment and affiliations, including family relationships, our Board has determined that four of our six directors, Drs. Ekman and Geltosky and Messrs. Heppell and Proehl, are independent directors, as defined by Rule 5605(a)(2) of the Nasdaq Listing Rules.

Board Leadership Structure

Our Board has an independent Chairman, Lars Ekman. Our Board believes that separation of the positions of Chairman of the Board and Chief Executive Officer reinforces the independence of the Board in its oversight of the business and affairs of the Company. In addition, the Board believes that having an independent Chairman of the Board creates an environment that is more conducive to objective evaluation and oversight of management's performance, increasing management accountability and improving the ability of the Board to monitor whether management's actions are in the best interests of the Company and its shareholders. As a result, the Company believes that having an independent Chairman can enhance the effectiveness of the Board as a whole.

Our Board believes that Dr. Ekman's history as our former President and his tenure as a director make him well suited for the role of Chairman of the Board. Because of his experience with our Company, Dr. Ekman possesses a detailed knowledge of our business and strategy and he is able to efficiently communicate and oversee the implementation of feedback from the Board to members of the management team. In addition, our Board believes that Dr. Ekman possesses the leadership skills and integrity that are appropriate to be Chairman of the Board, and he is able to effectively moderate the Board's discussions and build a consensus among different points of view. On a regular basis, the independent directors are given an opportunity to meet privately and, at a minimum, the Board meets quarterly without the presence of employee-directors.

Role of the Board in Risk Oversight

One of the key functions of our Board is informed oversight of our risk management process. The Board does not have a standing risk management committee, but rather administers this oversight function directly through the Board as a whole, as well as through various standing committees of our Board that address risks inherent in their respective areas of oversight. In particular, our Board is responsible for monitoring and assessing strategic risk exposure and our Audit Committee is responsible for considering and discussing our major financial risk exposures and the steps our management has taken to monitor and control these exposures, including guidelines and policies to govern the process by which risk assessment and management is undertaken. The Audit Committee also monitors compliance with legal and regulatory requirements. Our Corporate Governance and Nomination Committee monitors the effectiveness of our corporate governance practices, including whether they are successful in preventing illegal or improper conduct. Our Compensation Committee assesses and monitors whether any of our compensation policies and programs has the potential to encourage excessive risk-taking.

Meetings of the Board of Directors

The Board met six times during the last fiscal year, four times in executive session. All directors attended at least 75% of the aggregate number of meetings of the Board and of the committees on which they served.

Information Regarding Committees of the Board of Directors

The Board has three committees: an Audit Committee, a Compensation Committee and a Corporate Governance and Nomination Committee. The following table provides Committee membership at December 31, 2018 and meeting information for 2018 for each of the Board committees:

| Name | Audit | Compensation | Corporate Governance and Nomination |
|-----------------------------|--------------|---------------------|--|
| Lars Ekman, Ph.D., M.D. | X | | X |
| John (Jack) Geltosky, Ph.D. | X | X* | |
| Jim Heppell | | X | X* |
| Gerald T. Proehl | X* | X | X |
| Total meetings in 2018 | 4 | 1 | 1 |

* Committee Chairperson

Below is a description of each committee of the Board. Each of the committees has authority to engage legal counsel or other experts or consultants, as it deems appropriate to carry out its responsibilities. The Board has determined that each member of each committee meets the applicable Nasdaq rules and regulations regarding “independence” and that each member is free of any relationship that would impair his or her individual exercise of independent judgment with regard to the Company.

Audit Committee

Our Audit Committee currently consists of Mr. Proehl (chair) and Drs. Ekman and Geltosky. Our Board has determined that each of Mr. Proehl and Drs. Ekman and Geltosky are independent directors under Nasdaq Listing Rules and under Rule 10A-3 under the Exchange Act. Each member of our audit committee can read and understand fundamental financial statements in accordance with Nasdaq audit committee requirements and is financially literate, as required by Canadian securities laws. In arriving at this determination, the Board has examined each Audit Committee member’s scope of experience and the nature of their employment in the corporate finance sector.

The functions of the Audit Committee, as set out in a written charter adopted by our Board, include:

- recommending the following to the Board: (i) the independent registered public accounting firm to be nominated for the purpose of preparing or issuing an auditor’s report or performing other audit, review or attest services for the company; and (ii) the compensation of the independent registered public accounting firm;
- overseeing the work of the independent registered public accounting firm engaged for the purpose of preparing or issuing an auditor’s report or performing other audit, review or attest services for the company, including the resolution of disagreements between management and the independent registered public accounting firm regarding financial reporting;
- pre-approving all non-audit services to be provided to the company or its subsidiary entities by our independent registered public accounting firm in accordance with the pre-approval process noted below;
- reviewing our financial statements, management’s discussion and analysis of financial condition and results of operations and annual and quarterly earnings press releases before the Company publicly discloses this information;
- ensuring that adequate procedures are in place for the review of our public disclosure of financial information extracted or derived from our financial statements, and periodically assessing the adequacy of those procedures;
- establishing procedures for: (i) the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls or auditing matters; and (ii) the confidential, anonymous submission by employees of the Company of concerns regarding questionable account or auditing matters; and
- reviewing and approving our hiring policies regarding partners, employees and former partners and employees of the present and former independent registered public accounting firm of the Company.

Our Board has determined that Mr. Proehl qualifies as an Audit Committee financial expert within the meaning of SEC regulations and meets the financial sophistication requirements of the Nasdaq Listing Rules. In making this determination, our Board has considered formal education and the nature and scope of experience that Mr. Proehl previously had with public companies. Both our independent registered public accounting firm and management periodically meet privately with our Audit Committee.

Our Board has adopted a written charter for the Audit Committee that is available on our website at <http://investor.sophirisbio.com/node/5836>.

REPORT OF THE AUDIT COMMITTEE OF THE BOARD OF DIRECTORS ⁽¹⁾

The primary purpose of the Audit Committee is to oversee our financial reporting processes on behalf of our Board. The Audit Committee's functions are more fully described in its charter, which is available on our website at <http://investor.sophirisbio.com/node/5836>. Management has the primary responsibility for our financial statements and reporting processes, including our systems of internal controls. In fulfilling its oversight responsibilities, the Audit Committee reviewed and discussed with management Sophiris' audited financial statements as of and for the year ended December 31, 2018.

The Audit Committee has discussed with PricewaterhouseCoopers LLP, the Company's independent registered public accounting firm, the matters required to be discussed by Auditing Standards No. 1301, *Communications with Audit Committees*, as adopted by the Public Company Accounting Oversight Board ("PCAOB"). The Audit Committee received the written disclosures and the letter from PwC required by the applicable requirements of the PCAOB regarding the independent auditor's communications with the Audit Committee concerning independence. In addition, the Audit Committee discussed with PwC that firm's independence from the Company. Finally, the Audit Committee discussed with PricewaterhouseCoopers LLP, with and without management present, the scope and results of PricewaterhouseCoopers LLP's audit of such financial statements.

Based on these reviews and discussions, the Audit Committee has recommended to our Board that such audited financial statements be included in our Annual Report on Form 10-K for the year ended December 31, 2018 for filing with the SEC. The Audit Committee also has recommended to the Board that PricewaterhouseCoopers LLP be engaged as our independent registered public accounting firm for the fiscal year ended December 31, 2019. Shareholders are being asked to reappoint PricewaterhouseCoopers LLP at the Annual Meeting.

Audit Committee

Gerald T. Proehl, Chairman

Lars Ekman, Ph.D., M.D.

John (Jack) Geltosky, Ph.D.

- (1) The material in this report is not "soliciting material," is not deemed "filed" with the SEC, and is not to be incorporated by reference into any filing of Sophiris under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, whether made before or after the date hereof and irrespective of any general incorporation language in any such filing.
-

Compensation Committee

Our Compensation Committee currently consists of Dr. Geltosky (chair) and Messrs. Heppell and Proehl. Our Board has determined that each of Dr. Geltosky and Messrs. Heppell and Proehl are independent under the Nasdaq Listing Rules and Canadian securities laws, is a “non-employee director” as defined in Rule 16b-3 promulgated under the Exchange Act and is an “outside director” as that term is defined in Section 162(m) of the Internal Revenue Code of 1986, as amended (the “Code”). The functions of the Compensation Committee, as set forth in the committee’s written charter adopted by our Board, include:

- establishing and monitoring our long-range plans and programs for attracting, retaining, developing and motivating employees;
- reviewing recommendations for the appointment of persons to senior executive positions;
- considering terms of employment and matters of compensation, including assessing the achievement of corporate as well as individual objectives for the purpose of calculating annual cash bonuses and recommending awards under our incentive stock option plan for the Chief Executive Officer and senior executive officers to the Board for approval;
- reviewing and approving all employment agreements, separation and severance agreements and other compensatory contracts, arrangements, prerequisites and payments for senior executive officers to ensure such agreements are consistent with our general compensation goals; and
- periodically reviewing our incentive-compensation and equity-based plans and making recommendations to the Board regarding such plans.

Our Board has adopted a written charter for the Compensation Committee that is available on our website at <http://investor.sophirisbio.com/node/5836>.

Compensation Committee Processes and Procedures

Typically, the Compensation Committee meets at least annually and with greater frequency if necessary. The agenda for each meeting is usually developed by the Chair of the Compensation Committee, in consultation with the Chief Executive Officer. The Compensation Committee meets regularly in executive session. However, from time to time, various members of management and other employees as well as outside advisors or consultants may be invited by the Compensation Committee to make presentations, to provide financial or other background information or advice or to otherwise participate in Compensation Committee meetings. The Chief Executive Officer may not participate in, or be present during, any deliberations or determinations of the Compensation Committee regarding his compensation. The charter of the Compensation Committee grants the Compensation Committee full access to all books, records, facilities and personnel of the Company, as well as authority to obtain, at the expense of the Company, advice and assistance from internal and external legal, accounting or other advisors and consultants and other external resources that the Compensation Committee considers necessary or appropriate in the performance of its duties. In particular, the Compensation Committee has the sole authority to retain compensation consultants to assist in its evaluation of executive and director compensation, including the authority to approve the consultant’s reasonable fees and other retention terms.

During the past fiscal year, the Compensation Committee did not independently engage an outside compensation consultant because it had employed an outside compensation consulting firm, Frederic W. Cook, to review our executive compensation program in December 2016 and our non-employee director compensation program in 2017 that it used in making compensation decisions for 2017 and did not believe that the compensation environment had changed materially since that review and the Compensation Committee desired to preserve Company cash while the Board assessed the Company’s funding alternatives.

Historically, the Compensation Committee has recommended to the Board most of the significant adjustments to annual compensation, determined bonus and equity awards and established new performance objectives at one or more meetings held around the end of each fiscal year and all compensation decisions are reviewed and approved by the entire Board. Generally, the Compensation Committee’s process comprises two related elements: the determination of compensation levels and the establishment of performance objectives for the current year. For executives other than the Chief Executive Officer, the Compensation Committee solicits and considers evaluations and recommendations submitted to the Committee by the Chief Executive Officer. In the case of the Chief Executive Officer, the evaluation of his performance is conducted by the Compensation Committee, which determines any adjustments to his compensation as well as awards to be granted. For all executives as part of its deliberations, the Compensation Committee may review and consider, as appropriate, materials such as financial reports and projections, operational data, tax and accounting information, executive share ownership information, company share performance data, analyses of historical executive compensation levels and current Company-wide compensation levels and recommendations of the Chief Executive Officer.

Corporate Governance and Nomination Committee

Our Corporate Governance and Nomination Committee currently consists of Messrs. Heppell (chair) and Proehl and Dr. Ekman. Our Board has determined that each of Messrs. Heppell and Proehl and Dr. Ekman are independent under the Nasdaq Listing Rules and Canadian securities laws, is a “non-employee director” as defined in Rule 16b-3 promulgated under the Exchange Act and is an “outside director” as that term is defined in Section 162(m) of the Code.

The functions of the Corporate Governance and Nomination Committee, as set forth in the committee’s written charter adopted by our Board, include, among other things:

- nominating a balanced mix of Board members with appropriate experience and expertise who will best serve the interests of the company and enhance shareholder value;
- reviewing director candidates properly submitted by the Company’s shareholders;
- reviewing and evaluating the Board’s committee structure and recommending to the Board for its approval directors qualified to serve as members of each committee;
- regularly reviewing issues and developments related to corporate governance;
- reviewing succession planning;
- assessing the performance of the Board, all committees thereof and individual directors; and
- ensuring that the company’s policies on continuous disclosure and communications with analysts are updated as required and are provided to all new directors and senior officers.

The Corporate Governance and Nomination Committee will consider director candidates recommended by shareholders. Candidates recommended by the Company’s shareholders shall be evaluated in the same manner as all other director nominees. Ultimately, the Corporate Governance and Nomination Committee will select the most qualified candidates and make its recommendations to the full Board, who will formally decide whether to nominate the recommended candidates for election or appointment to the Board.

Shareholders may recommend nominees for consideration by the Corporate Governance and Nomination Committee by submitting the names and supporting information as specified below to:

Chair of the Corporate Governance and Nomination Committee
Sophiris Bio Inc.
1258 Prospect Street
La Jolla, California 92037

Submissions with respect to recommended nominees for director should include a current résumé and curriculum vitae of the candidate, a statement describing the candidate’s relevant qualifications, including any specific public company experience within the Company’s industry, and contact information for the nominee and the nominee’s personal and professional references. The submission should also include the name and address of the shareholder who is submitting the nominee for consideration, the number of shares of the Company which are owned, directly or indirectly, and/or controlled by the submitting shareholder (and the name of the registered holder of such shares, if the submitting shareholder is not a registered holder), a description of any arrangement or understanding between the submitting shareholder and the nominee and a description of any known or potential conflicts of interest or related party transactions that may exist as between the Company and either the nominee or the shareholder submitting the nominee for consideration.

Our Board has adopted a written charter for the Corporate Governance and Nomination Committee that is available on our website at <http://investor.sophirisbio.com/node/5836>.

Other Matters Regarding the Board of Directors and Corporate Governance

Shareholder Communications with the Board of Directors

The Company's Board has adopted a formal process by which shareholders may communicate with the Board or any of its directors. Shareholders who wish to communicate with the Board may do so by sending written communications addressed to the Corporate Secretary of Sophiris Bio Inc. at 1258 Prospect Street, La Jolla, California 92037, Attention: Corporate Secretary. Each communication must set forth: the name and address of the Company shareholder on whose behalf the communication is sent; and, the number of Company shares that are owned beneficially by such shareholder as of the date of the communication. Each communication will be reviewed by the Company's Secretary to determine whether it is appropriate for presentation to the Board or such director. Communications determined by the Company's Secretary to be appropriate for presentation to the Board or such director will be submitted to the Board or such director on a periodic basis.

Code of Business Conduct and Ethics

The Company has adopted a written Code of Business Conduct and Ethics that applies to our directors, officers and employees, including our principal executive officer, principal financial officer, principal accounting officer or controller, or person performing similar functions. A copy of the Code of Business Conduct and Ethics is available on our website at <http://investor.sophirisbio.com/node/5836>. If the Company makes any substantive amendments to the Code of Business Conduct and Ethics or grants any waiver from a provision of the Code of Business Conduct and Ethics to any executive officer or director, the Company will promptly disclose the nature of the amendment or waiver on its website.

Corporate Cease Trade Orders or Bankruptcies

During the ten years preceding the date of this proxy statement, no nominee for director of the Company is currently or has been:

- (a) a director, chief executive officer or chief financial officer of any company that:
 - (i) was the subject of a cease trade, an order similar to a cease trade order or an order that denied such company access to any exemption under securities legislation that was in effect for a period of more than thirty consecutive days (an "Order") while the proposed director was acting in the capacity as director, chief executive officer or chief financial officer; or
 - (ii) was subject to such an Order that was issued after the proposed director ceased to be a director, chief executive officer or chief financial officer in the company that was the subject of the Order and which resulted from an event that occurred while that person was acting in the capacity as director, chief executive officer or chief financial officer; or
 - (b) a director or executive officer of any company that, while that person was acting in that capacity, or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver manager or trustee appointed to hold the assets of that company.
-

Individual Bankruptcies

During the ten years preceding the date of this proxy statement, no nominee for director of the Company has become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of that individual.

Penalties and Sanctions

None of the proposed nominees for election as a director of the Company has been subject to any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority, has entered into a settlement agreement with any securities regulatory authority or has been subject to any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable securityholder in deciding whether to vote for the proposed director.

Disclosure of Corporate Governance Practices

National Instrument 58-101 *Disclosure of Corporate Governance Practices* requires companies to disclose the corporate governance practices that they have adopted. A description of the corporate governance practices adopted by the Company is set out in the attached Appendix "A".

PROPOSAL 2

ADVISORY VOTE ON EXECUTIVE COMPENSATION

Under the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”) and Section 14A of the Exchange Act, the Company’s shareholders are entitled to vote to approve, on an advisory basis, the compensation of the Company’s named executive officers as disclosed in this proxy statement in accordance with SEC rules.

This vote is not intended to address any specific item of compensation, but rather the overall compensation of the Company’s named executive officers and the philosophy, policies and practices described in this proxy statement. The compensation of the Company’s named executive officers subject to the vote is disclosed in the “Executive and Director Compensation” section of this proxy statement including the compensation tables and the related narrative disclosure. As discussed in those disclosures, the Company believes that its compensation policies and decisions are designed to promote a long-term connection between pay and performance. Compensation of the Company’s named executive officers is designed to enable the Company to attract and retain talented and experienced executives to lead the Company successfully in a competitive environment.

The Board is asking the shareholders to indicate their support for the compensation of the Company’s named executive officers as described in this proxy statement by casting a non-binding advisory vote “FOR” the following resolution:

“RESOLVED, that the compensation paid to the Company’s named executive officers, as disclosed pursuant to Item 402 of Regulation S-K, including the compensation tables and narrative discussion is hereby APPROVED.”

Because the vote is advisory, it is not binding on the Board of Directors or the Company. Nevertheless, the views expressed by the shareholders, whether through this vote or otherwise, are important to management and the Board and, accordingly, the Board and the Compensation Committee intend to consider the results of this vote in making determinations in the future regarding executive compensation arrangements.

Vote Required

Approval of this proposal requires the vote of the holders of a majority of the shares present in person or represented by proxy and entitled to vote on this matter at the Annual Meeting. Abstentions and broker non-votes will be counted toward a quorum for this proposal, and abstentions will have the same effect as “Against” votes.

The Board of Directors Recommends a Vote “FOR” this Proposal 2

PROPOSAL 3

ADVISORY VOTE ON THE FREQUENCY OF SOLICITATION OF ADVISORY STOCKHOLDER APPROVAL OF EXECUTIVE COMPENSATION

The Dodd-Frank Act, and Section 14A of the Exchange Act, enable the Company's shareholders, at least once every six years, to indicate their preference regarding how frequently the Company should solicit a non-binding advisory vote on the compensation of the Company's named executive officers as disclosed in the Company's proxy statement. Accordingly, the Company is asking its shareholders to indicate whether they would prefer an advisory vote every year, every other year or every three years. Alternatively, shareholders may abstain from casting a vote. For the reasons described below, the Board recommends that the stockholders select a frequency of one year.

Our Board of Directors has determined that holding an advisory vote on executive compensation every year is the most appropriate policy for us at this time and recommends that shareholders vote for future advisory votes on executive compensation to occur every year. While our executive compensation program is designed to promote a long-term connection between pay and performance, our Board of Directors recognizes that executive compensation disclosures are made annually. Our Board of Directors considered that an annual advisory vote on executive compensation will allow our shareholders to provide us with their direct input on our compensation philosophy, policies and practices as disclosed in the proxy statement every year. However, shareholders should note that because the advisory vote on executive compensation occurs well into the compensation year, and because the different elements of our executive compensation program are designed to operate as part of an integrated program, it may not be appropriate or feasible to modify our executive compensation program in consideration of any one year's advisory vote on executive compensation by the time of the following year's annual meeting of shareholders.

We understand that our shareholders may have different views as to what is the best approach for us, and we look forward to hearing from our shareholders on this proposal.

Accordingly, our Board of Directors is asking stockholders to indicate their preferred voting frequency by voting for every year, every two years or every three years.

While our Board of Directors believes that its recommendation is appropriate at this time, the shareholders are not voting to approve or disapprove that recommendation, but are instead asked to indicate their preferences, on an advisory basis, as to whether the non-binding advisory vote on the approval of our executive officer compensation practices should be held every year, every two years or every three years. We will consider the frequency approved by the highest number of votes cast by shareholders entitled to vote on this proposal to be the frequency preferred by our shareholders.

Our Board of Directors and the Compensation Committee value the opinions of our shareholders in this matter, and, to the extent there is any significant vote in favor of one frequency over the other options, our Board will consider the shareholders' concerns and evaluate any appropriate next steps. However, because this vote is advisory and, therefore, not binding on us or our Board of Directors, our Board may decide that it is in the best interests of our shareholders that we hold an advisory vote on executive compensation more or less frequently than the frequency preferred by our shareholders. The vote will not be construed to create or imply any change or addition to our fiduciary duties or those of our Board.

The Board of Directors Recommends a Vote of "One Year" for this Proposal 3

PROPOSAL 4

APPOINTMENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Audit Committee and the Board have recommended that PricewaterhouseCoopers LLP be reappointed as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2019. Representatives of PricewaterhouseCoopers, LLP are expected to be present at the Annual Meeting. They will have an opportunity to make a statement if they so desire and will be available to respond to appropriate questions. PricewaterhouseCoopers LLP has audited the Company's financial statements since 2013. BCBCA requires the shareholders of the Company to appoint the Independent Registered Public Accounting Firm for the Company.

The Board of Directors Recommends a Vote "FOR" this Proposal

Principal Accountant Fees and Services

PricewaterhouseCoopers LLP was first appointed as the independent registered public accounting firm of the Company for our financial statement audit for the year ended December 31, 2012, effective January 10, 2013, in connection with the relocation of the head office of the Company to La Jolla, California.

The following is a summary of the aggregate fees billed to the Company by PricewaterhouseCoopers LLP for professional services rendered for 2018 and 2017. All fees described below were pre-approved by the Audit Committee.

| | For the Years Ended December 31, | |
|---------------------------|----------------------------------|--------|
| | 2018 | 2017 |
| | (in thousands) | |
| Audit Fees ⁽¹⁾ | \$ 628 | \$ 428 |
| Tax Fees | - | - |
| Total Fees | \$ 628 | \$ 428 |

(1) Audit fees consist of fees billed for professional services by PricewaterhouseCoopers LLP for audit and quarterly reviews of our financial statements. Audit fees also include fees for services associated with periodic reports and other documents filed with the SEC, such as fees related to our S-3 and S-8 registration statements, including documents issued in connection with those filings such as consents and comfort letters.

Pre-Approval Policies and Procedures

The Audit Committee pre-approves all audit and non-audit services rendered by our independent registered public accounting firm, PricewaterhouseCoopers LLP. The Audit Committee has not adopted a formal written policy for the pre-approval of audit and non-audit services, but generally pre-approves specified services in the defined categories of audit services, audit-related services, tax services and other services up to specified amounts. Pre-approval may also be given as part of the Audit Committee's approval of the scope of the engagement of the independent registered public accounting firm or on an individual explicit case-by-case basis before the independent registered public accounting firm is engaged to provide each service. The pre-approval of services may also be given by Mr. Proehl, the Chair of the Audit Committee who has been delegated pre-approval authority by the Audit Committee, but the pre-approval decision must be communicated to the full Audit Committee at its next scheduled meeting.

EXECUTIVE OFFICERS

The following table sets forth certain information regarding our executive officers:

| Name | Age | Position(s) |
|----------------------|------------|---|
| Randall E. Woods | 67 | Chief Executive Officer, President and Director |
| Allison Hulme, Ph.D. | 56 | Chief Operating Officer and Head of Research and Development and Director |
| Peter T. Slover | 44 | Chief Financial Officer |

Randall E. Woods, Chief Executive Officer, President and Director

Mr. Woods has been our Chief Executive Officer and President since August 2012 and a member of our Board since October 2012 and brings with him more than 40 years of biotech and pharmaceutical leadership experience. Prior to joining Sophiris, Mr. Woods was serving as a consultant to a number of private biotechnology companies. From September 2007 until September 2011, Mr. Woods was President and Chief Executive Officer of Sequel Pharmaceuticals, a private biotechnology company. Mr. Woods was the President and Chief Executive Officer of NovaCardia, Inc., a pharmaceutical company focused on cardiovascular diseases, until its acquisition by Merck & Co. From May 1996 until July 2003 and prior to NovaCardia, Mr. Woods was President and Chief Executive Officer of Corvas International, Inc., a publicly held biopharmaceutical company focused on cardiovascular disease and cancer, until its acquisition by Dendreon Corporation in July 2003. Before joining Corvas, he served as President of Boehringer Mannheim's U.S. pharmaceutical operations from March 1994 until March 1996 and was Vice President of Marketing and Sales at Boehringer Mannheim from December 1993 to February 1994. Prior to that he spent 20 years at Eli Lilly & Company in various sales and marketing positions from 1973 to December 1993. Mr. Woods is a past Chairman for the advisory board of UC San Diego's Sulpizio Family Cardiovascular Center and is a past Chairman of the Board of Directors for BIOCOM, a life science industry association in Southern California. Mr. Woods serves on the Board of Directors of Arena Pharmaceuticals. He received his B.S. in biology and chemistry from Ball State University and an M.B.A. in marketing from Western Michigan University.

Dr. Allison Hulme, Chief Operating Officer, Head of Research and Development and Director

Dr. Hulme has been our Chief Operating Officer and Head of Research and Development since April 2011 and a member of our Board since October 2016. Dr. Hulme brings over 20 years of drug development experience to the company. From January 2005 to October 2009, Dr. Hulme served as Executive Vice President of Autoimmune, Tysabri, Global Development and Head of Autoimmune and Tysabri Franchise at Elan Corporation, plc (also known as Elan Pharmaceuticals), a neuroscience-focused biotechnology company. She served as Executive Vice President and head of global development at Elan Pharmaceuticals from October 1995 to January 2005. Previously, Dr. Hulme held several positions in clinical research at Glaxo Wellcome Pharmaceuticals and served as lecturer at Luton University. Dr. Hulme holds a first class honors Degree in Science from Luton University and a Ph.D. from Cranfield Institute of Technology.

Peter T. Slover, Chief Financial Officer

Mr. Slover has been our Chief Financial Officer since January 2013. He served as our Head of Finance and Principal Accounting Officer from April 2012 to January 2013. From April 2004 to April 2012, Mr. Slover held a variety of significant management positions at Anadys Pharmaceuticals, Inc., a public biotechnology company, including Vice President, Finance and Operations, a position that he held from July 2009 to April 2012, Senior Director, Finance and Corporate Controller, Senior Manager, Financial Reporting and Internal Controls and Manager of Financial Reporting. Prior to joining Anadys, Mr. Slover was an auditor at KPMG LLP, where he spent seven years in public accounting. Mr. Slover is a Certified Public Accountant in the State of California. He received a B.S. in Business Administration from Shippensburg University.

EXECUTIVE AND DIRECTOR COMPENSATION

EXECUTIVE COMPENSATION

The Company is a “smaller reporting company” under Item 10 of Regulation S-K promulgated under the Securities and Exchange Act of 1934, and the following compensation disclosure is intended to comply with the requirements applicable to smaller reporting companies. Although the rules allow the Company to provide less detail about its executive compensation program, the Compensation Committee is committed to providing the information necessary to help shareholders understand its executive compensation-related decisions. Accordingly, this section includes supplemental narratives that describe the 2018 executive compensation program for our named executive officers and certain decisions related to our 2019 compensation program.

Our named executive officers (principal executive officer and our next two highest compensated executive officers other than the principal executive officer) for the year ended December 31, 2018 are:

- Randall E. Woods, our Chief Executive Officer and President
- Dr. Allison Hulme, our Chief Operating Officer and Head of Research and Development
- Peter T. Slover, our Chief Financial Officer

Executive Summary

2018 and 2019 Compensation Actions

- 2018 base salary increases were limited to 3.5% cost-of-living adjustments and no 2019 base salary increases were approved in order to preserve cash.
- Although we achieved 85% of our corporate goals for 2018, we did not pay any 2018 performance-based bonuses to our named executive officers in order to preserve cash while the Company evaluates next steps for clinical development of topsalysin,
- In lieu of paying 2018 performance bonuses or increasing 2019 base salaries for our named executive officers, we approved retention bonuses that will only become payable if the named executive officer remains in our service until the closing of a change in control transaction. The retention bonus amount equals the amount of the 2018 performance bonus that would have been awarded absent the need to preserve cash. In addition, we approved the payment of an amount equal to the additional base compensation each named executive officer would have earned if his or her base compensation had been increased by 3.5% as of January 1, 2019 through the date of the closing of a change of control of the Company.
- We granted annual equity awards to our named executive officers in the form of stock options to incentivize and reward for stockholder value creation.

Oversight of Executive Compensation

The Compensation Committee is comprised of independent, non-employee members of the Board and is responsible for evaluating and recommending to the Board for its approval the compensation paid to the named executive officers.

Summary Compensation Table

The following table sets forth total compensation awarded to, earned by or paid to our named executive officers for the last two completed fiscal years:

| Name and Principal Position | Year | Salary (\$) | Bonus (\$) | Option Awards (\$) ⁽¹⁾ | Non-equity Incentive Plan Compensation (\$) ⁽²⁾ | All Other Compensation (\$) | Total Compensation (\$) |
|---|------|----------------|---------------|---|---|-----------------------------------|-------------------------------|
| Randall E. Woods <i>Chief Executive Officer and President</i> | 2018 | 517,500 | — | 237,242 | — | 19,784 ⁽³⁾ | 774,526 |
| | 2017 | 500,000 | — | 170,105 | 225,000 | 23,206 ⁽⁴⁾ | 918,311 |
| Allison Hulme, Ph.D. <i>Chief Operating Officer and Head of Research and Development</i> | 2018 | 429,525 | — | 173,505 | — | 100,206 ⁽⁵⁾ | 703,236 |
| | 2017 | 415,000 | — | 12,601 | 186,750 | 93,673 ⁽⁶⁾ | 708,024 |
| Peter T. Slover <i>Chief Financial Officer</i> | 2018 | 343,646 | — | 145,650 | — | 14,659 ⁽⁷⁾ | 503,955 |
| | 2017 | 332,025 | — | 20,111 | 149,411 | 14,504 ⁽⁸⁾ | 516,051 |

- (1) In accordance with SEC rules, this column reflects the aggregate grant date fair value of the option awards granted during the applicable fiscal year computed in accordance with Financial Accounting Standard Board Accounting Standards Codification Topic 718, "Compensation—Stock Compensation," ("ASC 718") and excluding the effect of estimated forfeitures. Assumptions used in the calculation of these amounts are included in Note 12 to the Consolidated Financial Statements in our Annual Report on Form 10-K for the year-ended December 31, 2018. These amounts do not reflect the actual economic value that will be realized by the named executive officer upon the vesting of the stock options, the exercise of the stock options or the sale of the common shares underlying such stock options.
- (2) Amounts shown represent performance bonuses earned for the applicable fiscal year. The performance bonuses for 2017 were paid in the first quarter of 2018.
- (3) Includes: (i) \$11,000 of matching contributions paid under the terms of our 401(k) plan, (ii) the value of the Company paid premiums of \$2,246 for life, accidental death and dismemberment and long-term disability insurance and (iii) \$6,538 as the benefit of group term life insurance in excess of Internal Revenue Service limits.
- (4) Includes: (i) \$10,800 of matching contributions paid under the terms of our 401(k) plan, (ii) the value of the Company paid premiums of \$2,348 for life, accidental death and dismemberment and long-term disability insurance and (iii) \$10,058 as the benefit of group term life insurance in excess of Internal Revenue Service limits.
- (5) Includes: (i) reimbursed commuting costs for Dr. Hulme's travel from her residence to San Diego and (ii) reasonable expenses for temporary housing, airfare and car service while Dr. Hulme is living in San Diego. All commuting reimbursement amounts are grossed up for applicable federal and state taxes. The table below outlines the costs reimbursed and related tax gross-ups during 2018:

| Type of Expenses Reimbursed | Expense | Gross-up on Reimbursed Expense | Total |
|------------------------------------|----------------|---------------------------------------|------------------|
| Temporary Housing | \$ 44,400 | \$ 23,657 | \$ 68,057 |
| Airfare | 7,717 | 4,079 | 11,796 |
| Car Service | 2,016 | 1,066 | 3,082 |
| Total | | | <u>\$ 82,935</u> |

Also included as a component of other compensation is (i) \$11,000 of matching contributions paid under the terms of our 401(k) plan, (ii) the value of company paid premiums of \$2,867 for life, accidental death and dismemberment and long-term disability insurance and (iii) \$3,406 as the benefit of group term life insurance in excess of Internal Revenue Service Limits.

- (6) Includes: (i) reimbursed commuting costs for Dr. Hulme's travel from her residence to San Diego and (ii) reasonable expenses for temporary housing, airfare and car service while Dr. Hulme is living in San Diego. All commuting reimbursement amounts are grossed up for applicable federal and state taxes. The table below outlines the costs reimbursed and related tax gross-ups during 2017:

| Type of Expenses Reimbursed | Expense | Gross-up on Reimbursed Expense | Total |
|------------------------------------|----------------|---------------------------------------|------------------|
| Temporary Housing | \$ 44,400 | \$ 26,731 | \$ 71,131 |
| Airfare | 3,582 | 2,157 | 5,739 |
| Car Service | 762 | 458 | 1,220 |
| Total | | | <u>\$ 78,090</u> |

Also included as a component of other compensation is (i) \$10,800 of matching contributions paid under the terms of our 401(k) plan, (ii) the value of company paid premiums of \$2,961 for life, accidental death and dismemberment and long-term disability insurance and (iii) \$1,822 as the benefit of group term life insurance in excess of Internal Revenue Service Limits.

- (8) Includes: (i) \$11,000 of matching contributions paid under the terms of our 401(k) plan, (ii) the value of Company paid premiums of \$2,867 for life, accidental death and dismemberment and long-term disability insurance and (iii) \$792 as the benefit of group term life insurance in excess of Internal Revenue Service Limits.
- (9) Includes: (i) \$10,800 of matching contributions paid under the terms of our 401(k) plan, (ii) the value of Company paid premiums of \$2,912 for life, accidental death and dismemberment and long-term disability insurance and (iii) \$792 as the benefit of group term life insurance in excess of Internal Revenue Service Limits.

Narrative Disclosure to Summary Compensation Table

The three principal components of our executive compensation program for our named executive officers in 2018 were base salary, annual performance-based bonus and long-term incentive equity compensation. We do not have any formal policies for allocating compensation among salary, performance bonus awards and equity grants, short-term and long-term compensation or among cash and non-cash compensation. Instead, the Compensation Committee uses its judgment in determining a total compensation program for each named executive officer to recommend to the Board for its approval that is a mix of current, short-term and long-term incentive compensation, and cash and non-cash compensation, that it believes appropriate to achieve the goals of our executive compensation program and our corporate objectives. We have had a limited number of shares available for new equity awards under our Amended and Restated 2011 Stock Option Plan (“Plan”), which has limited the ability of our Compensation Committee to use long-term incentive equity compensation as part of our executive compensation program. As of December 31, 2018, we only had 71,041 shares available for new equity awards under our Plan and the grants we made in December 2018 to our named executive officers were pursuant to shares added to the Plan from the forfeiture of underwater options that expired in October 2018.

Annual Base Salary

The Compensation Committee recommended, and the Board approved a 3.5% cost of living increase to the 2018 base salaries for our named executive officers, which became effective on January 1, 2018:

| Name | Fiscal 2018 Base Salary (\$) | Fiscal 2017 Base Salary (\$) |
|----------------------|---------------------------------|---------------------------------|
| Randall E. Woods | 517,500 | 500,000 |
| Allison Hulme, Ph.D. | 429,525 | 415,000 |
| Peter T. Slover | 343,646 | 332,025 |

Annual Performance-Based Bonus Opportunity

In addition to base salaries, our named executive officers are eligible to earn an annual performance-based cash bonus, which is designed to provide an appropriate incentive to our executives to achieve defined annual corporate goals and to reward our executives for individual achievement towards these goals. The annual performance-based bonus each executive officer is eligible to receive is based on the individual’s target bonus, as a percentage of base salary, and the maximum potential bonus amount that may be awarded is capped at 150% of the target bonus. The amount of the performance-based bonus, if any, an executive earns may vary from year to year based on the achievement of certain corporate performance goals recommended by the Compensation Committee and approved by the Board in the beginning of the year to which the bonus relates and other factors as determined in the discretion of the Board.

The corporate goals typically relate to our annual company goals and various business accomplishments which vary from time to time depending on our overall strategic objectives. The Board may, but need not, establish a specific weighting amongst various corporate goals. The emphasis placed on goals may vary from time to time depending on our overall strategic objectives and the Compensation Committee’s and Board’s subjective determination of which goals have more impact on our performance.

At the end of the year, the Compensation Committee recommends and our Board approves the extent to which the corporate goals have been achieved, based on achievement of the corporate goals and management’s review and recommendation, except our executives do not make recommendations with respect to their own achievement. The Board may award no bonus or any amount up to 150% of the target bonus based on factors that the Board determines, with input from the Compensation Committee, are appropriate. Accordingly, whether or not any bonus is awarded is determined in the Board’s discretion. Bonuses are not earned or vested until they are awarded and paid.

Pursuant to their employment agreements or offer letters, each named executive officer was eligible to earn a 2018 target bonus represented as a percentage of base salary as set forth below.

| Name | Target Bonus (%) |
|----------------------|------------------|
| Randall E. Woods | 50 |
| Allison Hulme, Ph.D. | 50 |
| Peter T. Slover | 40 |

In February 2018 the Board approved the following 2018 corporate goals and our level of attainment of those goals is set forth in the chart below:

| Corporate Goal | Weighting | Achievement |
|---|-------------|-------------|
| 1. Obtain biopsy data from all patients receiving the first dose of topsalysin with results publicly announced in the first half of 2018; and | 70% | 100% |
| 2. Obtain biopsy data from all patients receiving the second dose of topsalysin resulting in the continued development of topsalysin for localized prostate cancer in the fourth quarter. | | |
| 2. Drug substance material available for Phase 3 clinical trials. | 15% | 100% |
| 3. Raise minimum of \$40 million in equity financing for continued topsalysin development. | 15% | 0% |
| Total | 100% | 85% |

The Board determined that we had achieved our corporate objectives for 2018 at an 85% overall level, based on the following specific achievements:

- We announced biopsy data from the first 35 patients receiving a single administration of topsalysin on June 25, 2018 and announced biopsy data from the 10 patients receiving a second administration of topsalysin on December 17, 2018. A total of 27% of patients (10/37) demonstrated a clinical response six months following a single administration of topsalysin. Six of the ten clinical responders experienced a complete ablation of their tumor. Based on these results and feedback from our senior management, our scientific advisory board and other expert advisors, our Board determined to move forward with obtaining regulatory feedback regarding a single Phase 3 registration trial design for a single administration of topsalysin for the treatment of localized prostate cancer.
- We completed a drug substance manufacturing campaign at Boehringer Ingelheim ("BI") that completed and cleared for release through BI quality review.
- Our Board set the goal of raising \$40 million for continued development of topsalysin assuming that we would have positive data from our Phase 2b clinical trial and would be able to raise funds at a higher stock price to fund a potential Phase 3 clinical trial program. While we did obtain positive results from our Phase 2b clinical trial, our stock price was adversely impacted by the death of a patient that was later determined to be unlikely related to topsalysin. We believe that this event and the uncertainty about the design of a potential Phase 3 clinical trial and regulatory requirements adversely impacted our financing efforts. As a result, we did not achieve this goal. We currently are not expecting to raise \$40 million and there is no assurance that we will be able to raise funds sufficient to continue to advance our development of topsalysin or continue as a going concern.

Accordingly, the Board determined that we had achieved 85% of the 2018 corporate performance goals.

2018 Performance-Based Awards

Based solely on the level of attainment of the 2018 specified goals and without considering any other factors, Mr. Woods was eligible to earn a 2018 performance bonus of \$220,000, Dr. Hulme was eligible to earn a 2018 performance bonus of \$185,000 and Mr. Slover was eligible to earn a 2018 performance bonus of \$150,000. Notwithstanding our 2018 performance and the individual performance of our named executive officers, in order to preserve cash while the Company evaluates next steps for clinical development of topsalysin, the Board of Directors decided to not pay our named executive officers' performance-based bonuses under the 2018 plan.

2018 Retention-Based Bonus

On December 31, 2018, our Board of Directors, based upon recommendation of the Compensation Committee, approved bonuses for our named executive that will only become payable if our named executive officers remain an employee until the closing of a change of control (as defined in our named executive officer Change in Control and Severance Benefit Agreements). The retention bonus amount equals the amount of the 2018 performance bonus that would otherwise have been awarded to the named executive officers absent the need to preserve cash, plus an amount equal to the additional base compensation the named executive officer would have earned if his or her base compensation had been increased by 3.5% as of January 1, 2019 through the date of the closing of the change in control.

Long-Term Incentive Compensation

Our long-term, equity-based incentive awards are designed to align the interests of our named executive officers and our other employees, non-employee directors and consultants with the interests of our shareholders. Because vesting is based on continued service, our equity-based incentives also encourage the retention of our named executive officers through the vesting period of the awards.

We use stock options as the primary incentive vehicle for long-term compensation to our named executive officers because they are able to profit from stock options only if our stock price increases relative to the stock option's exercise price. We generally provide initial grants in connection with the commencement of employment of our named executive officers and from time to time as our Board, often through recommendation by our Compensation Committee, determines appropriate. We also provide annual retention grants shortly following the end of each year and performance-based grants when necessary to encourage our named executive officers to meet specific performance goals.

As of the date of the filing of this proxy statement, we have only granted stock options pursuant to our stock option plan, the terms of which are described below under “– Equity Compensation Plans and Other Benefit Plans – Stock Option Plan.” All options are granted with an exercise price no less than the fair market value of our common shares on the date of grant of each award.

The Board, often through recommendation by the Compensation Committee, determines the number of stock options to be awarded to our executive officers and directors. Stock options are awarded to our directors as described below under the section “– Non-Employee Director Compensation.” Stock options are granted to reward individuals for current performance, expected future performance and value to the company. The size of awards made subsequent to the commencement of employment takes into account stock options already held by the individual. Stock options granted to our employees typically vest over a three-year period and may also vest subject to certain performance criteria.

In December 2018, the Board awarded stock option grants to our named executive officers in conjunction with the Board's review of the 2018 corporate goals. Mr. Woods, Dr. Hulme and Mr. Slover were granted stock options covering 335,000 shares, 245,000 shares and 205,667 shares, respectively. The Board considered that it has not been able to make annual executive awards because of the share limitations in our Plan and that Frederic W. Cook had conducted a comprehensive review of our execution compensation program in December 2016 and had recommended that we transition to annual awards. The Board further considered that 1.0 million shares were added to the Plan due to the expiration of underwater options in October 2018 and that the Board had not been able to make annual equity awards to executives due to the limitations of the Plan and that the aggregate option holdings of the named executive officers were below the levels held at the time of the December 2016 comprehensive review.

Perquisites, Health, Welfare and Retirement Benefits

Perquisites

In conjunction with the hiring of Dr. Hulme, we agreed to reimburse Dr. Hulme for regular travel costs from her residence to San Diego and for temporary housing in San Diego for a period of one year from her hire date. This reimbursement has continued to be provided to Dr. Hulme through the end of fiscal year 2018. All reimbursement amounts are grossed up for applicable federal and state taxes. We provide these benefits to Dr. Hulme in light of the importance of her skills and experience in drug development, specifically her experience in the management of clinical trials, her experience interacting with regulatory agencies around the world and her experience managing the world-wide launch of new drug products. A schedule of reimbursed expenses and the related tax gross-ups for Dr. Hulme is included in the footnotes to our Summary Compensation Table.

Other than what is outlined above, we do not provide perquisites or personal benefits to our named executive officers.

Health and Welfare Benefits

Our named executive officers are eligible to participate in all of our employee benefit plans, including our medical, dental, vision, group life and disability insurance plans, in each case on the same basis as other employees.

We also pay the premiums for term life insurance, accidental death and dismemberment and long-term disability insurance for all of our employees, including our named executive officers.

Retirement Plans

All of our full-time employees, including our named executive officers, are eligible to participate in our 401(k) Plan, which is a retirement savings defined contribution plan established in accordance with Section 401(a) of the Internal Revenue Code of 1986, as amended ("Code"). Pursuant to our 401(k) Plan, employees may elect to defer their eligible compensation into the plan on a pre-tax basis, up to the statutorily prescribed annual limit of \$18,500 in 2018 (additional salary deferrals not to exceed \$6,000 are available to those employees 50 years of age or older) and to have the amount of this reduction contributed to our 401(k) Plan. We provide a \$1.00 match for every dollar our employees elect to defer up to 3% of their eligible compensation and a \$0.50 match for every dollar our employees elect to defer in excess of 3% and up to 5% of their eligible compensation. In general, eligible compensation for purposes of the 401(k) plan includes an employee's wages, salaries, fees for professional services and other amounts received for personal services actually rendered in the course of employment with us, to the extent the amounts are included in gross income, and subject to certain adjustments and exclusions required under the Code. The 401(k) Plan currently does not offer the ability to invest in our securities.

None of our named executive officers participate in or have account balances in qualified or non-qualified defined benefit plans, non-qualified defined contribution plans or pension plans sponsored by us.

Compensation Recovery Policies

As a public company, if we are required to restate our financial results due to our material noncompliance with any financial reporting requirements under the federal securities laws as a result of misconduct, the Chief Executive Officer and Chief Financial Officer may be legally required to reimburse our Company for any bonus or other incentive-based or equity-based compensation they receive in accordance with the provisions of section 304 of the Sarbanes-Oxley Act of 2002. In addition, we will comply with the compensation recovery requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act once final regulations on the subject have been adopted.

Outstanding Equity Awards at Fiscal Year End

The following table sets forth specified information concerning unexercised stock options and equity incentive plan awards for each of the named executive officers outstanding as of December 31, 2018:

| Name | Grant Date | Option Awards ⁽¹⁾ | | Option Exercise Price (\$) | Option Expiration Date |
|----------------------|------------|------------------------------|------------------------|----------------------------|------------------------|
| | | (#) Exercisable | (#) Unexercisable | | |
| Randall E. Woods | 02/05/2015 | 109,491 | — | 0.4589 | 02/04/2020 |
| | 05/27/2016 | 89,097 | 14,370 ⁽²⁾ | 0.99 | 05/26/2021 |
| | 12/07/2016 | 265,333 | 132,667 ⁽²⁾ | 2.74 | 12/06/2026 |
| | 12/06/2017 | 35,998 | 71,997 ⁽²⁾ | 1.91 | 12/05/2027 |
| | 12/31/2018 | — | 335,000 ⁽³⁾ | 0.83 | 12/30/2028 |
| Allison Hulme, Ph.D. | 02/05/2015 | 45,481 | — | 0.4589 | 02/04/2020 |
| | 05/27/2016 | 89,097 | 14,370 ⁽²⁾ | 0.99 | 05/26/2021 |
| | 12/07/2016 | 137,333 | 68,667 ⁽²⁾ | 2.74 | 12/06/2026 |
| | 12/06/2017 | 2,667 | 5,333 ⁽²⁾ | 1.91 | 12/05/2027 |
| | 12/31/2018 | — | 245,000 ⁽³⁾ | 0.83 | 12/30/2028 |
| Peter T. Slover | 02/05/2015 | 37,058 | — | 0.4589 | 02/04/2020 |
| | 05/27/2016 | 89,097 | 14,370 ⁽²⁾ | 0.99 | 05/26/2021 |
| | 12/07/2016 | 102,667 | 51,333 ⁽²⁾ | 2.74 | 12/06/2026 |
| | 12/06/2017 | 4,256 | 8,512 ⁽²⁾ | 1.91 | 12/05/2027 |
| | 12/31/2018 | — | 205,667 ⁽³⁾ | 0.83 | 12/30/2028 |

- (1) All of the options were granted under our stock option plan, the terms of which are described below under “– Equity Compensation Plans and Other Benefit Plans – Stock Option Plan.”
- (2) 33% of the shares subject to the option vest and become exercisable one year from the date of the grant with the remaining shares subject to option vesting in equal monthly installments over the next two years such that all shares subject to the option will be fully vested on the third anniversary of the grant date.
- (3) 33% of the shares subject to the option vest and become exercisable one year from December 21, 2018 with the remaining shares subject to option vesting in equal monthly installments over the next two years such that all shares subject to the option will be fully vested on December 21, 2021.

Employment Agreements with Executive Officers

We entered into an employment agreement with Mr. Woods on August 16, 2012, in connection with his commencement of employment as our Chief Executive Officer and President. Pursuant to the employment agreement, Mr. Woods is entitled to an annual base salary of \$425,000, a discretionary performance bonus of 40% of Mr. Woods’ annual base salary. In early 2013, the Board increased Mr. Woods’ target bonus percentage to 50% beginning with Mr. Woods’ 2012 bonus. Additionally, Mr. Woods’ employment agreement provides for certain severance benefits upon a termination by us without cause and termination without cause or resignation for good reason in connection with a change of control of the company. The employment agreement also provides that Mr. Woods is subject to certain confidentiality and non-competition restrictions during and following the term of his employment with us and is further described in detail in the section below entitled “– Termination and Change of Control Benefits.”

We entered into an employment agreement with Dr. Hulme on March 31, 2011, pursuant to which Dr. Hulme was entitled to an annual salary of \$330,000, a discretionary performance bonus of 50% of Dr. Hulme’s annual base salary. Additionally, Dr. Hulme’s employment agreement provided for additional benefits, including reimbursement for Dr. Hulme’s travel and temporary living costs from her hire date through July 1, 2012 while she is required to work at our offices in San Diego, plus a gross up payment for such expenses. These travel and living cost reimbursements and gross-up benefits have been extended through the end of 2018 without making any changes to her employment agreement or committing to reimbursement of these costs for periods beyond 2018. Dr. Hulme is subject to certain confidentiality and non-competition restrictions during and following the term of her employment with us.

We entered into an employment agreement with Mr. Slover on March 19, 2012, in connection with his commencement of employment as our Head of Finance and Principal Accounting Officer. Pursuant to the employment agreement, Mr. Slover is entitled to an annual base salary of \$235,000, a discretionary performance bonus of 40% of Mr. Slover's annual base salary. Additionally, Mr. Slover's employment agreement provides that Mr. Slover is subject to certain confidentiality and non-competition restrictions during the term of his employment with us.

Equity Compensation Plans and Other Benefit Plans

Stock Option Plan

Our Amended and Restated 2011 Stock Option Plan, ("Plan"), was last approved by our shareholders on June 6, 2012. The purpose of the Plan is to provide a share-related mechanism to attract, retain and motivate qualified executives (including directors), employees and consultants of the company, each referred to herein as a "Participant," to incent such individuals to contribute toward the long-term goals of the company, and to encourage such individuals to acquire shares of the company as long-term investments. The Plan is administered by a committee which shall, from time to time and in its sole discretion, determine those executives, employees and consultants of the company, if any, to whom options are to be granted. Presently, such committee is comprised of the members of the Compensation Committee, who make recommendations to the Board with respect to grants of options.

Subject to certain adjustments, the number of common shares which will be available for purchase pursuant to options granted under the Plan is 10% of the number of issued and outstanding common shares (on a non-diluted basis) on the particular grant date, ("Outstanding Issue"). If any option expires or otherwise terminates for any reason without having been exercised in full, the number of shares in respect of such expired or terminated option shall again be available for the purposes of granting options pursuant to the Plan. The maximum number of options which may be granted to any one participant under the Plan within any 12-month period is 5% of the Outstanding Issue.

As of December 31, 2018, a total of 2,949,551 options have been granted and remain outstanding under the Plan (representing approximately 9.76% of the issued and outstanding common shares on a non-diluted basis) and a total of 71,041 options remain available for grant under the Plan (representing approximately 0.24% of the issued and outstanding common shares on a non-diluted basis).

The exercise price at which a participant may purchase a common share upon the exercise of an option is the Market Value of such shares as of the grant date. The "Market Value" of the shares for a particular grant date is the closing trading price of the shares on the primary organized trading facility, as determined by the committee, on which the shares are listed on the grant date, subject to any adjustments as may be required to secure all necessary regulatory approvals; provided that if the shares are not listed on any organized trading facility, then the Market Value will be, subject to any adjustments as may be required to secure all necessary regulatory approvals, such value as is determined by the committee to be the fair value of the shares, taking into consideration all factors that the committee deems appropriate, including, without limitation, recent sale and offer prices of the shares in private transactions negotiated at arms' length.

The vesting schedule for an option, if any, shall be determined by the committee. Notwithstanding the foregoing, the committee may elect, at any time, to accelerate the vesting schedule of one or more options in the event of certain triggering events set out in the Plan. Additionally, in the event of a change of control of the company, the options outstanding shall become immediately exercisable on such date the change of control has been deemed to have occurred. The Plan generally defines a change in control as the occurrence of either: (1) a person or entity, or a group thereof acting in concert, directly or indirectly acquires beneficial ownership of more than 50% of our then outstanding shares (on a non-diluted basis); or (2) a majority of the directors elected at any annual or extraordinary general meeting of shareholders of the company are not individuals nominated by our then-incumbent Board.

The expiration date of an option granted under the Plan shall be no later than the 10th anniversary of the grant date of such option, except where an option expires during an black-out period in which case it will expire 10 business days after the black-out period is lifted and the company notifies the participant of the extension of the expiration date. In the event that a participant holds his or her option as a director or officer of the company and such participant ceases to hold such position other than by reason of death or disability, the expiration date of the option shall be, unless otherwise expressly provided for in the option certificate, the 90th day following the date the participant ceases to hold such position unless the participant ceases to hold such position as a result of: (i) ceasing to meet the qualifications set forth in the corporate legislation applicable to the company; (ii) a special resolution having been passed by the shareholders of the company removing the participant as a director of the company; or (iii) an order made by any regulatory authority having jurisdiction to so order, in which case the expiration date shall be the date the participant ceases to hold such position.

In the event that a participant holds his or her option as an employee or consultant of the company and such participant ceases to hold such position other than by reason of death or disability, the expiration date of the option shall be, unless otherwise expressly provided for in the option certificate, the 90th day following the date the participant ceases to hold such position, unless the participant ceases to hold such position as a result of: (i) termination for cause; or (ii) an order made by any regulatory authority having jurisdiction to so order, in which case the expiration date shall be the date the participant ceases to hold such position. If the participant ceases to hold such position as a result of resigning or terminating his or her position, the expiration date shall be the 30th day following the date the participant ceases to hold such position.

Subject to certain limited circumstances, options granted under the Plan are non-assignable and non-transferable.

Subject to the requisite shareholder and regulatory approvals set forth below, the committee may from time to time amend or revise an existing option or the Plan or the terms and conditions of any option thereafter to be granted provided however that no such amendment or revision may, without the consent of the participant, (i) materially decrease the rights or benefits accruing to a participant or (ii) materially increase the obligations of a participant.

The committee may, subject to receipt of requisite shareholder and regulatory approval, make the following amendments to the Plan:

- (i) any amendment to the number of securities issuable under the Plan, including an increase to a fixed maximum number of securities or a change from a fixed maximum number of securities to a fixed maximum percentage. A change to a fixed maximum percentage which was previously approved by shareholders will not require additional shareholder approval;
- (ii) the addition of any form of financial assistance or any amendment to a financial assistance provision which is more favorable to participants under the Plan;
- (iii) a discontinuance of the Plan; and
- (iv) any other amendments that may lead to significant or unreasonable dilution in our outstanding securities or may provide additional benefits to eligible participants under this Plan, especially insiders of the company, at the expense of the company and our existing shareholders.

The committee may without shareholder approval, subject to receipt of regulatory approval, where required, in its sole discretion make all other amendments to the Plan or any option that are not of the type contemplated above including, without limitation:

- (i) amendments of a "housekeeping" nature including, but not limited to, of a clerical, grammatical or typographical nature;
 - (ii) correct any defect, supply any information or reconcile any inconsistency in the Plan in such manner and to such extent as shall be deemed necessary or advisable to carry out the purposes of the Plan;
 - (iii) a change to the vesting provisions of any option or the Plan;
-

- (iv) amendments to reflect any requirements of any regulatory authorities to which we are subject, including the Nasdaq;
- (v) a change to the termination provisions of an option which does not result in an extension beyond the original expiration date of such option;
- (vi) amendments to the definition of change of control;
- (vii) the addition of a cashless exercise feature, payable in cash or securities;
- (viii) a change to the class of participants that may participate under the Plan; and
- (ix) amendments to reflect changes to applicable laws or regulations.

Notwithstanding the foregoing, the company shall additionally obtain requisite shareholder approval in respect of amendments to the Plan or any option that are contemplated immediately above to the extent such approval is required by any applicable regulatory rules. Furthermore, if the exercise price of an option held by a participant who is an insider of the company is reduced or if the term of an option held by a participant who is an insider of the company is extended, the insider must not exercise the option at the reduced exercise price or with the extended term, as the case may be, until the reduction in exercise price or extension of the term has been approved by the disinterested shareholders of the company.

Equity Compensation Plan Information

The following table provides certain information with respect to all of our equity compensation plans in effect as of December 31, 2018:

| | Number of Securities to be Issued Upon Exercise of Outstanding Options, Warrants and Rights (a) | Weighted-average Exercise Price of Outstanding Options, Warrants and Rights (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 security holders ⁽¹⁾ : | 2,949,551 | \$ 1.60 | 71,041 |
| Equity compensation plans not approved by security holders: | None | N/A | N/A |
| Total | 2,949,551 | \$ 1.60 | 71,041 |

- (1) Represents our common shares issuable pursuant to our stock option plan, the material terms of which are described above under “– Equity Compensation Plans and Other Benefit Plans – Stock Option Plan.”

Termination and Change of Control Benefits

Pursuant to our Plan, all outstanding unvested stock options of our named executive officers shall become immediately exercisable on the date of a change of control, as further described in the section above entitled “– Equity Compensation Plans and other Benefit Plans – Stock Option Plan”.

The employment agreement we entered into with Mr. Woods in 2012 provides that upon a termination by us without cause (and other than due to Mr. Woods’ death or disability), Mr. Woods will be entitled to continued base salary for a severance period equal to 12 months and continued payment of health insurance benefits for up to 12 months. The base salary payments may be accelerated and paid in a lump sum if such payments would be subject to Section 409A of the Code. Additionally, in the event that Mr. Woods is terminated by us without cause (and other than due to Mr. Woods’ death or disability) or Mr. Woods resigns for good reason (including Mr. Woods’ resignation due to a relocation of his principle place of employment or material reduction of his base salary) within the one month period preceding or the twelve month period following a change of control (as defined in the Plan), all of Mr. Woods’ unvested stock options and other compensatory stock awards will become immediately vested and exercisable in full. The severance benefits provided under Mr. Woods’ employment agreement require that Mr. Woods agree to a release of claims against the Company.

On September 9, 2014 the Board approved certain change in control severance benefit agreements for its named executive officers. With respect to the Company’s executive officers, severance benefits will become payable in the event that (i) a qualifying change in control event occurs and (ii) a termination without cause or resignation for good reason of the executive officer occurs within the period commencing one month prior to and ending 18 months following the qualifying change in control event. With respect to the Company’s executive officers, the severance benefits consist of (i) a lump sum payment of 18 months base salary and 150% of the annual target bonus (or 150% the amount of the last annual bonus actually paid, if higher) less standard deductions and withholdings, (ii) 18 months of COBRA premium benefits, and (iii) full acceleration of the vesting and exercisability of all then outstanding time-based vesting stock options and other time-based vesting equity awards. Payment of severance benefits is in all cases conditioned upon the executive officer providing a timely and effective release of claims against the Company. These new severance benefits will not duplicate the severance benefits currently available to Mr. Woods under the terms of his employment agreement with the Company, such that Mr. Woods will receive benefits under his change in control severance benefit agreement only to the extent those benefits are additional to any severance benefits that become payable to him under the terms of his employment agreement.

For purposes of these agreements, a qualifying change of control event generally includes any of the following events: (i) an acquisition by any person, entity or group of the beneficial ownership of securities of the Company representing more than fifty percent of the combined voting power of the Company's then outstanding securities other than by virtue of a merger, consolidation or similar transaction; (ii) a merger, consolidation, plan of arrangement or similar transaction involving (directly or indirectly) the Company and, immediately after the consummation of such transaction, the shareholders of the Company immediately prior thereto do not own, directly or indirectly, outstanding voting securities representing more than fifty percent of the combined outstanding voting power of the surviving entity or its parent entity; and (iii) a sale or other disposition of all or substantially all of the consolidated assets of the Company and its subsidiaries.

NON-EMPLOYEE DIRECTOR COMPENSATION

Summary

The Compensation Committee is comprised of independent, non-employee members of the Board and is responsible for evaluating and recommending to the Board for its approval the compensation paid to the non-employee directors. In 2017, the Compensation Committee engaged Frederic W. Cook, an independent outside compensation consulting firm, to review our non-employee director compensation program. Based on this review a number of changes were made to the non-employee director compensation program which went into effect on April 1, 2017. During the past fiscal year, the Compensation Committee did not independently engage an outside compensation consultant as it did not believe that the compensation environment had changed materially since that review and the Compensation Committee desired to preserve Company cash while the Board assessed the Company's future funding alternatives.

Cash Compensation

Pursuant to our non-employee director compensation program, we compensate our non-employee members of our Board for their services in the form of cash retainers and option grants under our Plan. The table below outlines the cash payments in place for our non-employee directors during 2018:

| Cash Payments | January 1, 2018 – December 31, 2018 |
|---|--|
| Annual retainer | \$ 40,000 |
| Chairman of the Board annual retainer | \$ 40,000 |
| Audit Committee Chairman retainer | \$ 20,000 |
| Audit Committee member retainer | \$ 10,000 |
| Compensation Committee Chairman retainer | \$ 12,000 |
| Compensation Committee member retainer | \$ 6,000 |
| Corporate Governance and Nomination Committee Chairman retainer | \$ 8,000 |
| Corporate Governance and Nomination Committee member retainer | \$ 4,000 |

Any quarterly payment made to a non-employee director who has served less than 3 months at the time of each payment will be reduced pro-rata for the time that the individual did not serve in their respective capacity.

Equity Compensation

Pursuant to our non-employee director compensation program, we grant each non-employee director, upon their appointment to the Board, an initial equity award to purchase 40,000 shares of the Company's common stock, which shares shall vest at the rate of 1/36th per month subject to the individual's continued service.

On the date of each annual meeting of our shareholders, each continuing non-employee director will be granted an annual option to purchase 20,000 shares of the Company's common stock, which shares shall vest at the rate of 1/12th per month, at the end of each month following the date of grant, subject to the individual's continued service.

Stock options granted to our non-employee directors are granted under and subject to the terms of our Plan, as further described in the section above entitled “– Equity Compensation Plans and other Benefit Plans – Stock Option Plan.”

2018 Director Compensation

The following table discloses all compensation provided to the non-employee directors for the most recently completed fiscal year ending December 31, 2018:

| Name | Fees Earned or Paid in Cash (\$) | Option Awards (\$) ⁽¹⁾ | Total (\$) |
|-----------------------------|--|---|---------------|
| Lars Ekman, M.D., Ph.D. | 94,000 | 48,839 | 142,839 |
| John (Jack) Geltosky, Ph.D. | 62,000 | 48,839 | 110,839 |
| Jim Heppell | 54,000 | 48,839 | 102,839 |
| Gerald T. Proehl | 70,000 | 48,839 | 118,839 |

- (1) In accordance with SEC rules, this column reflects the aggregate grant date fair value of the option awards granted during 2018 computed in accordance with ASC 718 and excluding the effect of estimated forfeitures. Assumptions used in the calculation of these amounts are included in Note 12 to the Consolidated Financial Statements in our Annual Report on Form 10-K for the year-ended December 31, 2018.

All outstanding option-based awards for the non-employee directors of the company as of December 31, 2018 are set out in the following table:

| Name | Grant Date | Option Awards ⁽¹⁾ | | Option Exercise Price (\$) | Option Expiration Date |
|-----------------------------|------------|--|-----------------------|-------------------------------|---------------------------|
| | | Number of Securities Underlying Unexercised Options | | | |
| | | (#) Exercisable | (#) Unexercisable | | |
| Lars Ekman, M.D., Ph.D. | 06/17/2014 | 8,250 | — | 2.35 | 06/16/2019 |
| | 05/27/2015 | 8,250 | — | 1.08 | 05/26/2020 |
| | 05/27/2016 | 8,250 | — | 0.99 | 05/26/2021 |
| | 05/30/2017 | 20,000 | — | 2.44 | 05/29/2027 |
| | 06/27/2018 | 10,000 | 10,000 ⁽²⁾ | 2.91 | 06/26/2028 |
| John (Jack) Geltosky, Ph.D. | 06/17/2014 | 8,250 | — | 2.35 | 06/16/2019 |
| | 05/27/2015 | 8,250 | — | 1.08 | 05/26/2020 |
| | 05/27/2016 | 8,250 | — | 0.99 | 05/26/2021 |
| | 05/30/2017 | 20,000 | — | 2.44 | 05/29/2027 |
| | 06/27/2018 | 10,000 | 10,000 ⁽²⁾ | 2.91 | 06/26/2028 |
| Jim Heppell | 06/17/2014 | 8,250 | — | 2.35 | 06/16/2019 |
| | 05/27/2015 | 8,250 | — | 1.08 | 05/26/2020 |
| | 05/27/2016 | 8,250 | — | 0.99 | 05/26/2021 |
| | 05/30/2017 | 20,000 | — | 2.44 | 05/29/2027 |
| | 06/27/2018 | 10,000 | 10,000 ⁽²⁾ | 2.91 | 06/26/2028 |
| Gerald T. Proehl | 03/24/2014 | 16,500 | — | 3.53 | 03/23/2019 |
| | 06/17/2014 | 1,627 | — | 2.35 | 06/16/2019 |
| | 05/27/2015 | 8,250 | — | 1.08 | 05/26/2020 |
| | 05/27/2016 | 8,250 | — | 0.99 | 05/26/2021 |
| | 05/30/2017 | 20,000 | — | 2.44 | 05/29/2027 |
| | 06/27/2018 | 10,000 | 10,000 ⁽²⁾ | 2.91 | 06/26/2028 |

- (1) All of the options were granted under our stock option plan, the terms of which are described below under “– Equity Compensation Plans and Other Benefit Plans – Stock Option Plan.”
- (2) 1/12th of the shares subject to this option shall vest and become exercisable monthly over a one-year period.

PRINCIPAL SHAREHOLDERS

The following table sets forth information regarding beneficial ownership of our share capital as of March 1, 2019 by: (1) each of our directors; (2) each of our named executive officers; and (3) all of our directors and named executive officers as a group. As of March 1, 2019, the Company was not aware of any person, or group of affiliated persons to beneficially own more than 5% of our common shares.

The address for each person or entity listed in the table is c/o Sophiris Bio Inc., 1258 Prospect Street, La Jolla, California 92037.

| Name and Address of Beneficial Owner | Beneficial Ownership | |
|--|-----------------------------|-------------------------|
| | Number of Shares | Percent of Total |
| Directors and named executive officers | | |
| Randall E. Woods ⁽¹⁾ | 595,138 | 1.9% |
| Allison Hulme, Ph.D. ⁽²⁾ | 309,852 | 1.0% |
| Peter T. Slover ⁽³⁾ | 267,784 | * |
| Lars Ekman, M.D., Ph.D. ⁽⁴⁾ | 61,417 | * |
| John Geltosky, Ph.D. ⁽⁵⁾ | 61,417 | * |
| Jim Heppell ⁽⁶⁾ | 75,487 | * |
| Gerald T. Proehl ⁽⁷⁾ | 64,794 | * |
| All current executive officers and directors as a group (seven persons) ⁽⁸⁾ | 1,435,889 | 4.5% |

* Represents beneficial ownership of less than 1% of our outstanding common shares.

- (1) Includes 27,500 shares and 567,638 shares subject to options exercisable within 60 days of March 1, 2019.
- (2) Includes 309,852 shares subject to options exercisable within 60 days of March 1, 2019.
- (3) Includes 4,680 shares and 263,104 shares subject to options exercisable within 60 days of March 1, 2019.
- (4) Includes 61,417 shares subject to options exercisable within 60 days of March 1, 2019.
- (5) Includes 61,417 shares subject to options exercisable within 60 days of March 1, 2019.
- (6) Includes 14,070 shares and 61,417 shares subject to options exercisable within 60 days of March 1, 2019.
- (7) Includes 10,000 shares and 54,794 shares subject to options exercisable within 60 days of March 1, 2019.
- (8) Includes the shares and shares subject to options exercisable within 60 days of March 1, 2019 referred to in footnotes (1), (2), (3), (4), (5), (6) and (7).

SECTION 16(A) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Exchange Act requires the Company's directors and executive officers, and persons who own more than ten percent of a registered class of the Company's equity securities, to file with the SEC initial reports of ownership and reports of changes in ownership of common shares and other equity securities of the Company. Officers, directors and greater than ten percent shareholders are required by SEC regulation to furnish the Company with copies of all Section 16(a) forms they file.

To the Company's knowledge, based solely on a review of the copies of such reports furnished to the Company and written representations that no other reports were required, during the fiscal year ended December 31, 2018, we believe that all Section 16(a) filing requirements applicable to our officers, directors and greater than ten percent beneficial owners were timely filed under Section 16(a) during the fiscal year ended December 31, 2018.

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

Policies and Procedures for Transactions with Related Persons

We have adopted a policy that our executive officers, directors, nominees for election as a director, beneficial owners of more than 5% of our common shares, and any members of the immediate family of any of the foregoing persons are not permitted to enter into a related person transaction with us without the prior consent of our Audit Committee. Any request for us to enter into a transaction with an executive officer, director, nominee for election as a director, beneficial owner of more than 5% of our common shares, or any member of the immediate family of any of the foregoing persons, in which the amount involved exceeds \$120,000 and such person would have a direct or indirect interest must first be presented to our Audit Committee for review, consideration, and approval. In approving or rejecting any such proposal, our audit committee is to consider the relevant facts and circumstances of the proposed transaction, including, but not limited to, whether the transaction is on terms no less favorable than terms generally available to an unaffiliated third party under the same or similar circumstances and the extent of the related person's interest in the transaction.

Requirements under the BCBCA and the Company's Articles

To the best of our knowledge, there are no existing or potential conflicts of interest between the company and any of our directors or officers as a result of such individual's outside business interests at the date hereof. However, certain of our directors and officers are, or may become, directors or officers of other companies with businesses which may conflict with our business. Accordingly, conflicts of interest may arise which could influence these individuals in evaluating possible transactions or in generally acting on behalf of the company. Pursuant to the BCBCA, directors are required to act honestly and in good faith with a view to the best interests of the company. As required under the BCBCA and our articles:

- A director or executive officer who holds any office or possesses any property, right or interest that could result, directly or indirectly, in the creation of a duty or interest that materially conflicts with that individual's duty or interest as a director or executive officer of the company, must promptly disclose the nature and extent of that conflict.
- A director who holds a disclosable interest (as that term is used in the BCBCA) in a contract or transaction into which we have entered or proposes to enter may generally not vote on any directors' resolution to approve the contract or transaction.

Generally, as a matter of practice, directors or executive officers who have disclosed a material interest in any transaction or agreement that our Board is considering will not take part in any Board discussion respecting that contract or transaction. If such directors were to participate in the discussions, they would abstain from voting on any matters relating to matters in which they have disclosed a material interest. In appropriate cases, we will establish a special committee of independent directors to review a matter in which directors, or management, may have a conflict.

Requirements under Applicable Canadian Securities Laws

We are subject to Multilateral Instrument 61 – 101 – *Protection of Minority Security Holders in Special Transactions*, (“MI 61-101”), which imposes minority shareholder approval, valuation and disclosure requirements on entities involved in certain transactions with related parties. A related party includes a person that, at the relevant time and after reasonable inquiry, is known by the company or a director or officer of the company to be a control person of the company. It also includes a person that has beneficial ownership of or control or direction over, directly or indirectly, securities of the company carrying more than 10% of the voting rights attached to all the outstanding voting securities of the company and an affiliate of the related party.

A related party transaction means a transaction between the company and a person that is a related party of the company at the time the transaction is agreed to, whether or not there are also other parties to the transaction, as a consequence of which, either through the transaction itself or together with connected transactions, among other things, the company directly or indirectly (a) acquires an asset from the related party for valuable consideration or disposes of any asset to the related party, (b) acquires or disposes of, as a joint actor with the related party, an asset from a third party if the proportion of the asset acquired or consideration received by the company is less than the proportion of the consideration paid or asset disposed of by the company, (d) acquires the related party, or combines with the related party, through an amalgamation, arrangement or otherwise, whether alone or with joint actors, (e) issues a security to the related party or subscribes for a security of the related party, (f) assumes or otherwise becomes subject to a liability of the related party or forgives a debt owed by the related party, (g) borrows money from or lends money to the related party.

Unless a specific exemption is available under MI 61-101, a reporting company involved in a related party transaction is required to obtain minority approval of the related party transaction in accordance with the requirements of MI 61-101. Minority approval means, for a related party transaction of a company, approval of the proposed transaction by a majority of the votes cast by holders of affected securities at a meeting of security holders called to consider the transaction, excluding the votes owned or controlled by the company and the related party and certain other interested parties. Where multiple classes of affected securities may have differing interests, minority approval will be required of each class at separate meetings of each such class. There are specific rules in MI 61-101 regarding obtaining minority approval, including the determination of the votes to be excluded from the minority approval and the disclosure required to be included in the information circular sent to security holders.

Unless a specific exemption is available under MI 61-101, a reporting company involved in a related party transaction is required to obtain a formal valuation for certain related party transactions, including any business combination transaction where a related party would directly or indirectly acquire the company or the its business or combine or amalgamate with the company, or for any transaction noted above in paragraphs (a) to (e).

A company will be required to include certain detailed disclosure regarding related party transactions in a material change report that is required to be filed under applicable Canadian securities laws for the related party transaction and in any information circular or proxy statement that is sent to security holders in connection with obtaining minority approval.

Indemnification Agreements

We have entered, and intend to continue to enter, into separate indemnification agreements with our directors in addition to the indemnification provided for under the BCBCA and in our articles. These agreements, among other things, require us to indemnify our directors for certain expenses, including attorneys’ fees, judgments, fines and settlement amounts incurred by a director in any action or proceeding arising out of his or her services as one of our directors or any other company or enterprise to which the person provides services at our request. We believe that these indemnification agreements are necessary to attract and retain qualified persons as directors.

The limitation of liability and the indemnification provisions in these indemnification agreements and in our articles and under the BCBCA may discourage shareholders from bringing a lawsuit against directors for breach of their fiduciary duties. They may also reduce the likelihood of derivative litigation against directors and officers, even though an action, if successful, might benefit us and our shareholders. A shareholder’s investment may be harmed to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions.

Indebtedness of Directors and Executive Officers

No current or former executive officer, director or employee of the Company or any of its subsidiaries, or any proposed nominee for election as a director of the Company, or any associate or affiliate of any such executive officer, director, employee or proposed nominee, is or has been indebted to the Company or any of its subsidiaries, or to any other entity that was provided a guarantee, support agreement, letter of credit or other similar arrangement by the Company or any of its subsidiaries in connection with the indebtedness, at any time since the beginning of the most recently completed financial year of the Company.

Management Contracts

Other than as set forth in this proxy statement, management functions of the Company or any subsidiary of the Company are not, to any substantial degree, performed by a person other than the directors or executive officers of the Company or its subsidiaries.

Interest of Informed Persons in Material Contracts

Other than as set forth in this proxy statement, no director, no proposed nominee for election as a director of the Company, no officer and no greater than 10% shareholder of the Company has had any material interest, direct or indirect, in any transaction since the commencement of the Company's most recently completed financial year or in any proposed transaction that, in either case, has materially affected or will materially affect the Company or any of its subsidiaries and that is required to be disclosed under National Instrument 51-102 – *Continuous Disclosure Obligations*.

Interest of Certain Persons or Companies in Matters to be Acted Upon

Other than as set forth in this proxy statement, no director or executive officer of the Company at any time since the beginning of the Company's most recently completed financial year, no proposed nominee for election as a director of the Company and no associate or affiliate of any of such persons has any material interest, direct or indirect, by way of beneficial ownership of securities or otherwise, in any matter to be acted upon at the Annual Meeting, except for any interest arising from the ownership of shares of the Company where the shareholder will receive no extra or special benefit or advantage not shared on a pro-rata basis by all holders of shares in the capital of the Company.

ADDITIONAL INFORMATION

Financial information is provided in the Company's comparative financial statements and Management's Discussion and Analysis ("MD&A") for its most recently completed financial year, which are available on the SEC's website at www.sec.gov and on SEDAR at www.sedar.com, along with additional information relating to the Company. To request copies of the Company's financial statements and MD&A, please contact the Company at 1258 Prospect Street, La Jolla, California, 92037.

HOUSEHOLDING OF PROXY MATERIALS

The SEC has adopted rules that permit companies and intermediaries (e.g., brokers) to satisfy the delivery requirements for Annual Meeting materials with respect to two or more shareholders sharing the same address by delivering a single set of Annual Meeting materials to those shareholders. This process, which is commonly referred to as "householding," potentially means extra convenience for shareholders and cost savings for companies.

This year, a number of brokers with account holders who are Sophiris shareholders will be "householding" the Company's proxy materials. A single set of Annual Meeting materials will be delivered to multiple shareholders sharing an address unless contrary instructions have been received from the affected shareholders. Once you have received notice from your broker that they will be "householding" communications to your address, "householding" will continue until you are notified otherwise or until you revoke your consent. If, at any time, you no longer wish to participate in "householding" and would prefer to receive a separate set of Annual Meeting materials, please notify your broker or Sophiris Bio Inc. Direct your written request to Sophiris Bio Inc. Attn: Corporate Secretary, 1258 Prospect Street, La Jolla, CA 92037. Shareholders who currently receive multiple copies of the Annual Meeting materials at their addresses and would like to request "householding" of their communications should contact their brokers.

OTHER MATTERS

The Board of Directors knows of no other matters that will be presented for consideration at the Annual Meeting. If any other matters are properly brought before the meeting, it is the intention of the persons named in the accompanying proxy to vote on such matters in accordance with their best judgment.

By Order of the Board of Directors,

/s/ Randall E. Woods
Randall E. Woods
Chief Executive Officer and President

A copy of the Company's Annual Report to the Securities and Exchange Commission on Form 10-K for the fiscal year ended December 31, 2018 is available without charge upon written request. Direct your written request to Sophiris Bio Inc. Attn: Corporate Secretary, 1258 Prospect Street, La Jolla, CA 92037.

APPENDIX "A"

STATEMENT OF CORPORATE GOVERNANCE PRACTICES

1. Board of Directors

(a) Independence

The Board of Directors considers that four of the six current directors, i.e. a majority, are independent according to the definition of "independence" set out in National Instruments 52-110, *Audit Committees* ("NI-52-110"). The four directors considered independent are Drs. Ekman and Geltosky and Messrs. Heppell and Proehl.

Mr. Woods is our Chief Executive Officer and President and Dr. Hulme is our Chief Operating Office and Head of Research and Development and are therefore considered not to be independent.

As described above, the Board of Directors considers that a majority of the directors are independent according to the definition of "independence" set out in NI 52-110. In order to facilitate the exercise of independent judgement in carrying out its responsibilities, the independent directors of the Company meet without management and the non-independent members of the Board as described below.

(b) Other Directorships

The following directors of the Company are also directors of the following other reporting issuers:

| <u>Name of Director of the Company</u> | <u>Names of Other Reporting Issuers</u> |
|--|--|
| Dr. Lars Ekman | Prothena Biosciences Limited. Amarin Corp plc Ultragenyx Pharmaceutical Inc. Spark Therapeutics, Inc. |
| Dr. John (Jack) Geltosky | n/a |
| Jim Heppell | Emerald Health Therapeutics |
| Dr. Allison Hulme | n/a |
| Gerald T. Proehl | Tenax Therapeutics, Inc. |
| Randall E. Woods | Arena Pharmaceuticals, Inc. |

(c) Meetings of Independent Directors

Meetings of independent directors are not regularly scheduled but communication among this group occurs on an ongoing basis as needs arise from regularly scheduled meetings of the Board. The number of these informal meetings has not been recorded, but it would not be less than four in the fiscal year that commenced on January 1, 2018. The Board believes that adequate structures and processes are in place to facilitate the functioning of the Board with a level of independence of the Company's management.

(d) Chair

Dr. Ekman was Chairman of the Board throughout 2018. The independent directors often hold in camera sessions at the end of regular Board meetings without management present.

(e) *Attendance*

The following tables set out the number of meetings held by the Board and Committees of the Board for the period commencing January 1, 2018 and expiring December 31, 2018.

Summary of Board and Committee Meetings Held:

| | |
|---|---|
| Board of Directors | 6 |
| Audit Committee | 4 |
| Compensation Committee | 1 |
| Corporate Governance and Nomination Committee | 1 |

Summary of Attendance of Directors at Meetings:

| Directors | Board Meetings | Audit Committee Meetings | Compensation Committee Meetings | Corporate Governance and Nomination Committee Meetings |
|--------------------------|-----------------------|---------------------------------|--|---|
| Dr. Lars Ekman | 6 of 6 | 3 of 4 | n/a | 1 of 1 |
| Dr. John (Jack) Geltosky | 6 of 6 | 4 of 4 | 1 of 1 | n/a |
| Jim Heppell | 5 of 6 | n/a | 1 of 1 | 1 of 1 |
| Dr. Allison Hulme | 6 of 6 | n/a | n/a | n/a |
| Gerald T. Proehl | 6 of 6 | 4 of 4 | 1 of 1 | 1 of 1 |
| Randall E. Woods | 6 of 6 | n/a | n/a | n/a |

2. Board Mandate

The Board Mandate sets out the Board's purpose, organization, duties and responsibilities. A copy of the Board Mandate is attached as Appendix "B" to this proxy statement.

3. Position Descriptions

While the Company does not have a written job description for the Chairman of the Board of Directors or the Chair of the Board's committees, their responsibilities are outlined in the Board Mandate or applicable committee charter. Accordingly, each Chair is charged with the responsibility of ensuring that the Board or committee being chaired conduct their affairs in accordance with the applicable mandate or charter.

The Board has not developed a specific position description for the CEO, Mr. Woods. Generally, the CEO, who is appointed by and directly accountable to the Board, is responsible for management of the day-to-day operations of the Company's business and has primary accountability for our reviewing and implementing strategies, budgeting and monitoring performance against budget and identifying opportunities and risks. Mr. Woods works closely with both management of the Company, including the Chairman, Dr. Ekman, and the Board of Directors in 2018 to determine the corporate goals and priorities of the Company and will continue to liaise with both groups on an ongoing basis in 2019. The independent directors meet regularly without management, including Mr. Woods, to discuss progress towards such corporate goals and priorities and to assess the performance of management, including Mr. Woods.

4. Orientation and Continuing Education

In accordance with the Board Mandate, the Board of Directors provides an orientation and education program for new recruits to the Board as well as continuing education on topics relevant to all directors. When a new director is added, he or she will have the opportunity to become familiar with the Company by meeting with the other directors and with officers and employees of the Company. As each director has a different skill set and professional background, orientation and training activities will be tailored to the particular needs and experience of each director.

5. Ethical Business Conduct

(a) *Code of Business Conduct and Ethics*

The Board of Directors has adopted a Code of Business Conduct and Ethics (the “Ethics Code”) which is available on the Company’s website at <http://investor.sophirisbio.com/node/5836>. The Ethics Code summarizes the legal, ethical and regulatory standards that the Company must follow and is a reminder to the directors, officers and employees of the seriousness of that commitment. Compliance with the Ethics Code and high standards of business conduct is mandatory for every director, officer and employee of the Company.

The Board of Directors and Audit Committee oversee compliance with the Ethics Code. The Ethics Code is included in the orientation of new employees and provided to existing directors, officers and employees on an on-going basis. Directors, officers and employees must promptly report, in person or in writing, any known or suspected violations of laws, governmental regulations or the Ethics Code to the Board of Directors. In accordance with the Company’s Whistleblower policy, such reporting is anonymous.

(b) *Independent Judgement*

The Company is established under and is therefore governed by the provisions of the BCBCA. Pursuant to the BCBCA (and as confirmed in the Ethics Code), a director or officer of the Company must disclose to the Company in writing or by requesting that it be entered in the minutes of meetings of the Board, the nature and extent of any interest that he or she has in material contract or material transaction, whether made or proposed, with the Company, if the director or officer: (a) is a party to the contract or transaction; (b) is a director or an officer, or an individual acting in a similar capacity, of a party to the contract or transaction; or (c) has a material interest in a party to the contract or transaction. The interested director cannot vote on any resolution to approve the contract or transaction.

(c) *Ethical Business Conduct*

One of the key functions of the Board is informed oversight of the Company’s risk management process. The Board does not have a standing risk management committee, but rather administers this oversight function directly through the Board as a whole, as well as through various standing committees of the Board that address risks inherent in their respective areas of oversight. In particular, the Board is responsible for monitoring and assessing strategic risk exposure and the Audit Committee is responsible for considering and discussing our major financial risk exposures and the steps our management has taken to monitor and control these exposures, including guidelines and policies to govern the process by which risk assessment and management is undertaken. The Audit Committee also monitors compliance with legal and regulatory requirements. The Corporate Governance and Nomination Committee monitors the effectiveness of the Company’s corporate governance practices, including whether they are successful in preventing illegal or improper conduct. The Compensation Committee assesses and monitors whether any of our compensation policies and programs has the potential to encourage excessive risk-taking.

6. Nomination of Directors

The Corporate Governance and Nomination Committee is responsible for identifying and recommending new candidates, having regard to the appropriate size of the Board of Directors and the necessary competencies and skills of the Board of Directors as a whole and of each director individually. New nominees should have a track record in general business management, special expertise in an area of strategic interest to the Company, and the ability to devote the time required.

The Corporate Governance and Nomination Committee is currently comprised of three members, Mr. Heppell (Chair), Drs. Ekman and Geltosky. All members of the Corporate Governance and Nomination Committee are considered independent directors.

In addition to the nomination functions above, the Corporate Governance and Nomination Committee assists the Board of Directors in fulfilling its responsibilities to ensure that the Company is governed in a manner consistent with the interests of the shareholders of the Company. Without limiting the foregoing, the Corporate Governance and Nomination Committee advises the Board of Directors with respect to board organization and function; succession planning for the executive officers of the Company; the Company's corporate governance policy, its operation and any modifications to such policy; and other matters relating to corporate governance and the rights and interests of the Company's shareholders.

7. Compensation

The Compensation Committee is charged with the responsibility of reviewing and approving corporate goals and objectives relevant to the compensation of the CEO and to determine and approve the CEO's compensation level. The Compensation Committee determines the cash and non-cash compensation of the Company's executive officers and also makes recommendations to the Board of Directors with respect to compensation for non-employee directors. The foregoing includes a review of the relationship of executive compensation to corporate performance and relative shareholder return, and, additionally in the case of the CEO, the value of similar incentive awards given to CEOs at comparable companies and the awards given to the Company's CEO in past years, except to the extent already addressed in any existing officer contracts or as may be required to comply with applicable tax laws.

The Compensation Committee is currently comprised of three members, Dr. John (Jack) Geltosky (Chair), Messrs. Heppell and Proehl. All members of the Compensation Committee are considered independent directors.

The Board considers that the members of the Compensation Committee are all qualified to act as members of such committee due to their previous experience as senior executives and directors of public and/or private companies and their education. We believe that the following factors ensure that an objective process for determining compensation is in place: all of the members of the Compensation Committee are considered to be independent, the CEO assists with the determination of compensation for all employees but the CEO is not involved in the determination of his own compensation, and all compensation decisions are reviewed and approved by the entire Board of Directors.

The Compensation Committee will also: (i) review and approve all employment agreements, separation and severance agreements, and other compensatory contracts, arrangement, perquisites and payments for senior officers to ensure such agreements are consistent with the Company's general compensation goals; (ii) grant incentive stock options to the Company's employees, officers, consultants and directors, under the Company's stock option plan, make recommendations to the Board of Directors with respect to amendments to the stock option plan and the implementation of any other equity based compensation plan; and (iii) periodically review and make recommendations to the Board of Directors concerning the Company's incentive-compensation and equity-based plans.

Additionally, as required by securities regulations, the Compensation Committee produces annually a Compensation Committee report on executive officer compensation.

8. Other Board Committees

The Company does not have any other standing committees at this point in time.

9. Assessments

The Corporate Governance and Nomination Committee will review at least annually the effectiveness of the Board of Directors, all Board committees, and management, and to recommendations for improvements and to develop and recommend to the Board for its approval an annual self-evaluation process of the Board and its committees. The Corporate Governance and Nomination Committee oversees the annual self-evaluation and may make recommendations to the Board for any improvements that the Corporate Governance and Nomination Committee may deem appropriate in its sole discretion.

10. Director Term Limits

Directors can be re-elected to the Board annually. The Board has not adopted a term limit for directors or established a retirement age for directors. The Company believes that the imposition of director term limits implicitly discounts the value of experience and continuity on the Board and runs the risk of excluding effective Board members who have longstanding knowledge of the Company and its operations as a result of an arbitrary determination. The Board believes that it can achieve the right balance between continuity and encouraging turnover and independence without mandated term limits and relies on its annual director assessment procedures in this regard.

11. Policies Regarding the Representation of Women on the Board and Executive Officer Positions

The company supports diversity at all levels of the organization, including the Board. While the Corporate Governance and Nomination Committee considers diversity when considering new candidates for director and executive positions, the Board has not adopted a written policy relating to the identification and nomination of women directors or executive officers or set specific minimum targets for Board or executive officer composition at this time. The Board believes that each potential nominee should be evaluated based on his or her individual merits and experience, taking into account the needs of the company and the current composition of the Board and management team, including the current level of representation of women in such positions.

Currently, one of the Company's six directors (16.6%) and one of the Company's three executive officers (33.3%) are female.

**APPENDIX “B”
BOARD MANDATE**

1. Role and Responsibilities

The Board is responsible for the stewardship of the Company. This requires the Board to oversee the conduct of the business and supervise management, which is responsible for the day-to-day conduct of the business.

The Board, as a whole, oversees the development and application of policies regarding corporate governance and is responsible for:

- (a) the adoption of a strategic planning process and the approval and review, at least annually, of the Company’s strategic business plan proposed by management, including a statement of the vision, mission and values, and to adopt such a plan with such changes as the Board deems appropriate.
- (b) the identification of the principal risks of the Company’s business and overseeing the implementation of appropriate systems to manage these risks.
- (c) succession planning, including appointing, training and monitoring senior management and, in particular, the CEO.
- (d) overseeing the integrity of the CEO and other Officers and that the CEO and the other Officers create a culture of integrity throughout the Company.
- (e) overseeing the development and application of the Company’s internal control and management information systems.

The Board and each individual director is responsible for acting in accordance with the obligations imposed by the *Business Corporations Act* (British Columbia). In exercising their powers and discharging their duties, each director shall:

- (a) act honestly and in good faith with a view to the best interests of the Company;
- (b) exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances;
- (c) exercise independent judgement regardless of the existence of relationships or interests which could interfere with the exercise of independent judgement;
- (d) (1) disclose to the Company, in writing or by having it entered in the minutes of meetings of directors, the nature and extent of any interest that the director has in a material contract or material transaction, whether made or proposed, with the Company if the director is a party to the contract or transaction, is a director or officer, or an individual acting in a similar capacity, of a party to the contract or transaction, or, has a material interest in a party to the contract or transaction; and

(2) such director shall refrain from voting on any resolution to approve such contract or transaction unless it relates to the directors’ remuneration in that capacity, is for the directors’ indemnity or insurance or is a contract or transaction with an affiliate; and
- (e) Demonstrate a willingness to listen as well as to communicate their opinions, openly and in a respectful manner.

The Board has the authority to appoint a Chairman or to establish committees and appoint directors to act as Chairman or to be members of these committees. The Board may not delegate to such Chairman or committees the power to:

- (a) submit to the shareholders any question or matter requiring the approval of the shareholders;
 - (b) fill a vacancy among the directors or in the office of auditor, or appoint additional directors;
 - (c) issue securities, except as authorized by the directors;
 - (d) issue shares of a series, except as authorized by the directors;
 - (e) declare dividends;
-

- (f) purchase, redeem or otherwise acquire shares issued by the Company;
- (g) pay a commission to any person in consideration of his purchasing or agreeing to purchase shares of the Company from the Company or from any other person, or procuring or agreeing to procure purchasers for any such shares;
- (h) approve a management proxy circular, take-over bid circular or directors' circular;
- (i) approve financial statements to be put before an annual meeting of shareholders; and
- (j) adopt, amend or repeal bylaws.

The matters to be delegated to committees of the Board and the constitution of such committees are to be assessed annually or more frequently, as circumstances require. From time to time the Board may create an ad hoc committee to examine specific issues on behalf of the Board. The following are the current committees of the Board:

- (a) the Audit Committee, consisting of not less than three directors, each of whom must be an "unrelated" or "independent" director under applicable securities laws and applicable stock exchange rules. The role of the Audit Committee is to provide oversight of the Company's financial management and of the design and implementation of an effective system of internal financial controls as well as to review and report to the Board on the integrity of the financial statements of the Company, its subsidiaries and associated companies.
- (b) the Corporate Governance and Nomination Committee, consisting of not less than three directors, each of whom must be an "unrelated" or "independent" director under applicable securities laws and applicable stock exchange rules.
- (c) the Compensation Committee, consisting of not less than three directors, each of whom must be an "unrelated" or "independent" director under applicable securities laws and applicable stock exchange rules.

2. Composition

At least annually, the Board or an appropriate committee of the Board shall review the size of the Board to ensure that the size facilitates effective decision-making.

The Board shall be composed of a majority of directors who qualify as "unrelated" or "independent" directors under applicable securities laws and applicable stock exchange rules. The determination of whether an individual director is unrelated or independent is the responsibility of the Board.

If at any time the Company has a significant shareholder, meaning a shareholder with the ability to exercise a majority of the votes for the election of the Board, the Board will include a number of directors who do not have interests in or relationships with either the Company or the significant shareholder and who fairly reflects the investment in the Company by shareholders other than the significant shareholder.

The Board should, as a whole, have the following competencies and skills:

- (a) knowledge of the biotechnology and pharmaceutical industry, including knowledge of current corporate governance guidelines;
- (b) scientific knowledge sufficient to understand the challenges and risks associated with the development of the Company's product candidates;
- (c) financial and accounting expertise.

3. Procedures to ensure effective operation

The Board recognizes the importance of having procedures in place to ensure the effective and independent operation of the Board. As the Chairman of the Board is not a member of management, the Chairman shall be responsible for overseeing that the Board discharges its responsibilities.

The Board has complete access to the Company's management. The Board shall require timely and accurate reporting from management and shall regularly review the quality of management's reports.

An individual director may engage an external adviser at the expense of the Company in appropriate circumstances. Such engagement is subject to the approval of the Corporate Governance and Nomination Committee.

The Board shall provide an orientation and education program for new recruits to the Board as well as continuing education on topics relevant to all directors.

The Board shall institute procedures for receiving shareholder feedback.

The Board requires management to run the day-to-day operations of the Company, including internal controls and disclosure controls and procedures.

The non-management directors shall meet at least twice yearly without any member of management being present.

The Board sets appropriate limits on management's authority. Accordingly, the following decisions require the approval of the Board:

- (a) the approval of the annual and quarterly (unless delegated to the Audit Committee) financial statements;
- (b) the approval of the annual budget;
- (c) any equity or debt financing, other than debt incurred in the ordinary course of business such as trade payables;
- (d) entering into any license, strategic alliance, partnership or other agreement outside the ordinary course of business;
- (e) the acquisition and assignment of material assets (including intellectual property and fixed assets) outside of the ordinary course of business;
- (f) the commencement or termination of any human clinical trial;
- (g) the creation of subsidiaries;
- (h) the creation of new Company bank accounts;
- (i) payment of dividends;
- (j) proxy solicitation material;
- (k) projected issuances of securities from treasury by the Company as well as any projected redemption of such securities;
- (l) any material change to the business of the Company;
- (m) the appointment of members on any committee of the Board;
- (n) capital expenditures in excess of CAD\$50,000 outside of the annual budget;
- (o) entering into any professional engagements where the fee is likely to exceed CAD\$50,000 outside of the annual budget;
- (p) entering into any arrangements with banks or other financial institutions relative to borrowing (either on a term or revolving basis) of amounts in excess of CAD\$100,000 outside the annual budget;
- (q) entering into any guarantee or other arrangement such that the Company is contingently bound financially or otherwise in excess of CAD\$50,000 other than product guarantees outside the annual budget;
- (r) the appointment or discharge of any senior officer of the Company;
- (s) entering into employment contracts with any senior officers; and
- (t) initiating or defending any law suits or other legal actions.

The Board, together with the CEO and with the assistance of the Corporate Governance and Nomination Committee, shall develop position descriptions for the CEO. The Board, together with the CEO, shall also approve or develop the corporate objectives that the CEO is responsible for meeting and the Board shall assess the CEO against these objectives.



SOPHIRIS BIO INC.
1258 PROSPECT STREET
LA JOLLA, CALIFORNIA 92037

VOTE BY INTERNET - www.proxyvote.com

Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 p.m. Eastern Time on June 26, 2019. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS

If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY PHONE - 1-800-690-6903

Use any touch-tone telephone to transmit your voting instructions up until 11:59 p.m. Eastern Time on June 26, 2019. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

E79128-P25146

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

SOPHIRIS BIO INC.

The Board of Directors recommends you vote FOR each of the following nominees:

1. Election of Directors

| Nominees: | For | Withhold |
|---------------------------------|--------------------------|--------------------------|
| 1a. Lars Ekman, M.D., Ph.D. | <input type="checkbox"/> | <input type="checkbox"/> |
| 1b. John (Jack) Geltosky, Ph.D. | <input type="checkbox"/> | <input type="checkbox"/> |
| 1c. Jim Heppell | <input type="checkbox"/> | <input type="checkbox"/> |
| 1d. Allison Hulme, Ph.D. | <input type="checkbox"/> | <input type="checkbox"/> |
| 1e. Gerald T. Proehl | <input type="checkbox"/> | <input type="checkbox"/> |
| 1f. Randall E. Woods | <input type="checkbox"/> | <input type="checkbox"/> |

The Board of Directors recommends you vote FOR the following proposal:

| | For | Against | Abstain |
|---|--------------------------|--------------------------|--------------------------|
| 4. Appointment of PricewaterhouseCoopers LLP as the independent registered public accounting firm for the fiscal year ending December 31, 2019. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

NOTE: In their best judgment, the proxies are authorized to vote upon such other business as may properly come before the Annual General Meeting. This proxy, when properly executed, will be voted as directed herein by the undersigned shareholder. If no direction is made, but the proxy is signed, this proxy will be voted FOR all nominees in Proposal 1, FOR Proposal 2, 1 YEAR for Proposal 3 and FOR Proposal 4.

The Board of Directors recommends you vote FOR the following proposal:

| | For | Against | Abstain |
|--|--------------------------|--------------------------|--------------------------|
| 2. To approve, on an advisory basis, the compensation of the Company's named executive officers, as disclosed in the proxy statement for the annual meeting. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

The Board of Directors recommends that you vote 1 YEAR on the following proposal:

| | 1 Year | 2 Years | 3 Years | Abstain |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| 3. To indicate, on an advisory basis, the preferred frequency of shareholder advisory votes on the compensation for the Company's named executive officer. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer.

Signature [PLEASE SIGN WITHIN BOX] Date

Signature (Joint Owners) Date



Important Notice Regarding the Availability of Proxy Materials for the Annual General Meeting:
The Notice and Proxy Statement and Form 10-K are available at www.proxyvote.com.

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I/We being holder(s) of Sophiris Bio Inc. hereby appoint: Dr. Lars Ekman, or failing him, Randall E. Woods, or failing him, Peter T. Slover, or Print the name of the person you are appointing if this person is someone other than the Chairman of the Meeting, _____ as my/our proxyholder with full power of substitution and to attend, act and to vote for and on my/our behalf in accordance with the following direction (or if no directions have been given, as the proxyholder sees fit) and all other matters that may properly come before the Annual General Meeting of Shareholders of Sophiris Bio Inc. to be held at Cooley LLP, 4401 Eastgate Mall, San Diego, California 92121 on June 27, 2019 at 11:00 AM (Pacific Time) and at any adjournment or postponement thereof.

Form of Proxy - Annual General Meeting to be held on June 27, 2019

This Form of Proxy is solicited by and on behalf of the Board of Directors. Notes to proxy

1. Every holder has the right to appoint some other person or company of their choice, who need not be a holder, other than the persons designated in this form of proxy, to attend and act on their behalf at the meeting or any adjournment or postponement thereof. If you wish to appoint a person or company other than the persons whose names are printed herein, please insert the name of your chosen proxyholder in the space provided.
2. If the securities are registered in the name of more than one owner (for example, joint ownership, trustees, executors, etc.), then all those registered should sign this proxy. If you are voting on behalf of a corporation or another individual you must sign this proxy with signing capacity stated, and you may be required to provide documentation evidencing your power to sign this proxy.
3. This proxy should be signed in the exact manner as the name(s) appear(s) on the proxy.
4. If this proxy is not dated, it will be deemed to bear the date which is 7 days after it was mailed by the Board of Directors to the holder.
5. The securities represented by this proxy will be voted as directed by the holder, however, if such a direction is not made in respect of any matter and the Board of Directors designees are appointed as proxy holders, this proxy will be voted as recommended by the Board of Directors.
6. The securities represented by this proxy will be voted or withheld from voting in accordance with the instructions of the holder, on any ballot that may be called for and, if the holder has specified a choice with respect to any matter to be acted on, the securities will be voted accordingly.
7. This proxy confers discretionary authority in respect of amendments or variations to matters identified in the Notice of Meeting or other matters that may properly come before the meeting or any adjournment or postponement thereof.
8. This proxy should be read in conjunction with the accompanying documentation provided by the Board of Directors.