

Security Class

Holder Account Number

Fold

Form of Proxy - Special Meeting to be held on Friday, March 24, 2017

This Form of Proxy is solicited by and on behalf of Management.

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, 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 (see reverse).
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 on which it is mailed by Management 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, this proxy will be voted as recommended by Management.**
6. The securities represented by this proxy will be voted in favour or withheld from voting or voted against each of the matters described herein, as applicable, 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 Management.

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Proxies submitted must be received by 10:00 AM, Pacific Time, on Wednesday, March 22, 2017.

VOTE USING THE INTERNET 24 HOURS A DAY 7 DAYS A WEEK!



To Vote Using the Internet

- Go to the following web site:
www.investorvote.com
- Smartphone?
Scan the QR code to vote now.



If you vote by the Internet, DO NOT mail back this proxy.

Voting by mail may be the only method for securities held in the name of a corporation or securities being voted on behalf of another individual.

Voting by mail or by Internet are the only methods by which a holder may appoint a person as proxyholder other than the Management nominees named on the reverse of this proxy. Instead of mailing this proxy, you may choose to vote using the Internet.

To vote by the Internet, you will need to provide your CONTROL NUMBER listed below.

CONTROL NUMBER



Appointment of Proxyholder

I/We being holder(s) of InMed Pharmaceuticals Inc. hereby appoint: Eric A. Adams, President and Chief Executive Officer, or failing him, Chris Bogart, Senior Vice President, Corporate Strategy and Investor Relations,

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 behalf of the shareholder 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 Special Meeting of shareholders of InMed Pharmaceuticals Inc. (the "Company") to be held at the offices of Farris, Vaughan, Wills & Murphy LLP at 2500 – 700 West Georgia Street, Vancouver, British Columbia, on Friday, March 24, 2017 at 10:00 AM, Pacific Time, and at any adjournment or postponement thereof.

VOTING RECOMMENDATIONS ARE INDICATED BY **HIGHLIGHTED TEXT** OVER THE BOXES.

For

Against

1. Ratifying Past Grants of Stock Options

To consider, and if thought fit, to ratify and confirm, by way of ordinary resolution, all past grants of stock options issued under the Company's existing stock option plan, as amended from time to time (the "Existing Option Plan").

For

Against

2. Approval of 2017 Option Plan

To consider, and if thought fit, to approve, by way of ordinary resolution, the Company's 2017 Stock Option Plan (the "2017 Option Plan") to replace the Existing Option Plan and the application of the terms of the 2017 Option Plan to all outstanding stock options of the Company.

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For

Against

3. Approval of Alteration to Share Structure

To consider, and if thought fit, to approve, by way of a special resolution, alterations to the Company's authorized share structure to cancel the Class A and B Preference shares and create an unlimited number of preferred shares without par value.

For

Against

4. Approval of Alterations to the Articles

To consider, and if thought fit, to approve, by way of a special resolution, alterations to the Articles of the Company as more fully described in the accompanying information circular.

For

Against

5. Other Business

To transact such other business as may properly come before the Meeting or any adjournment thereof.

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Authorized Signature(s) - This section must be completed for your instructions to be executed.

I/We authorize you to act in accordance with my/our instructions set out above. I/We hereby revoke any proxy previously given with respect to the Meeting. If no voting instructions are indicated above, this Proxy will be voted as recommended by Management.

Signature(s)

Date

DD / MM / YY



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