MEDICENNA

Medicenna Therapeutics Corp.

ODYSSEY
1310 – 1140 West Pender St
Vancouver BC V6E 4G1

Form of Proxy – Annual General and Special Meeting to be held on October 1, 2026

Appointment of Proxyholder
I/We being the undersigned holder(s) of **Medicenna Therapeutics Corp.** hereby appoint **Dr. Fahar Merchant** or failing this person, **Mr. Albert Beraldo**

OR

Print the name of the person you are appointing if this person is someone other than the Management Nominees listed herein:

as my/our proxyholder with full power of substitution and to attend, act, and to vote for and on behalf of the holder 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 and Special Meeting** of shareholders of **Medicenna Therapeutics Corp.** to be held at the offices of McCarthy Tétrault LLP, Toronto Dominion Bank Tower, 66 Wellington Street West, Suite 5300, Toronto, Ontario at **10:00 am (Toronto Time)** or at any adjournment thereof.

	For	Against
1. Election of Directors.		
a. Dr. Fahar Merchant	☐	☐
b. Mr. Albert Beraldo	☐	☐
c. Mr. Richard Sutin	☐	☐
d. Mr. Angelos Georgakis	☐	☐

	For	Withhold
2. Appointment of Auditors. Appointment of **MNP LLP** as Auditor of the Medicenna Therapeutics Corp. for the ensuing year and authorizing the directors to fix their remuneration.	☐	☐

	For	Against
3. Consolidation of the outstanding common shares. Special resolution to approve the consolidation of the outstanding common shares. The text of the resolution is set out in the Section *Particulars of Matters to be Acted Upon – 4. Consolidation of the Outstanding Common Shares* of the accompanying Management Information Circular.	☐	☐

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 _____
MM / DD / YY

Interim Financial Statements – Check the box to the right if you would like to receive interim financial statements and accompanying Management's Discussion & Analysis by mail. See reverse for instructions to sign up for delivery by email. ☐

Annual Financial Statements – Check the box to the right if you would like to NOT RECEIVE the Annual Financial Statements and accompanying Management's Discussion and Analysis by mail. See reverse for instructions to sign up for delivery by email. ☐

INSTEAD OF MAILING THIS PROXY, YOU MAY SUBMIT YOUR PROXY USING SECURE ONLINE VOTING AVAILABLE ANYTIME:

DN:

This form of proxy is solicited by and on behalf of Management. Proxies must be received by 10:00 am (Toronto Time), on September 28, 2026.

Notes to Proxy

1. Each holder has the right to appoint a person, who need not be a holder, to attend and represent them at the Meeting. If you wish to appoint a person other than the persons whose names are printed herein, please insert the name of your chosen proxyholder in the space provided on the reverse.
2. If the securities are registered in the name of more than one holder (for example, joint ownership, trustees, executors, etc.) then all of the registered owners must sign this proxy in the space provided on the reverse. If you are voting on behalf of a corporation or another individual, you may be required to provide documentation evidencing your power to sign this proxy with signing capacity stated.
3. This proxy should be signed in the exact manner as the name appears 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 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 to matters identified in the Notice of Meeting or other matters that may properly come before the meeting.
8. This proxy should be read in conjunction with the accompanying documentation provided by Management.



To Vote Your Proxy Online please visit:
https://vote.odysseytrust.com

You will require the CONTROL NUMBER printed with your address to the right.

If you vote by Internet, do not mail this proxy.

To request the receipt of future documents via email and/or to sign up for Securityholder Online services, you may contact Odyssey Trust Company at https://odysseytrust.com/ca-en/help/.

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. A return envelope has been enclosed for voting by mail.