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* Associated Firm
** In cooperation with
Trench, Rossi e Watanabe
Advogados

BY SEDAR

December 14, 2018

Ontario Securities Commission, as Principal Regulator

and

British Columbia Securities Commission
Alberta Securities Commission

Dear Sirs/Mesdames:

Re: Medicenna Therapeutics Corp. - (Final) Short Form Prospectus

We refer to the (final) short form prospectus of Medicenna Therapeutics Corp. (the “**Issuer**”) dated December 14, 2018 (the “**Final Prospectus**”) relating to the offering of units of the Issuer.

We consent to the references to our firm name on the cover page of the Final Prospectus and under the heading “*Legal Matters*” and to the reference to our firm name and to the use of our opinions under the headings “*Eligibility for Investment*” and “*Certain Canadian Federal Income Tax Considerations*”.

We confirm that we have read the Final Prospectus and that we have no reason to believe that there are any misrepresentations (as defined under Canadian securities legislation) in the information contained in the Final Prospectus that are derived from our opinions in the Final Prospectus or that are within our knowledge as a result of the services we performed in connection with the preparation of such opinions.

Yours very truly,

(signed) “*Baker & McKenzie LLP*”