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December 4, 2018

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, NE  
Washington, DC 20549  
Attn: Franklin Wyman, Angela Connell, Irene Paik and Mary Beth Breslin

**Re: DiaMedica Therapeutics Inc.  
Registration Statement on Form S-1, as amended  
File No. 333-228313  
Request for Acceleration**

Ladies and Gentlemen:

Pursuant to Rule 461 of the Securities Act of 1933, as amended, DiaMedica Therapeutics Inc. hereby respectfully requests that the effective date of the above-referenced registration statement be accelerated so that it will be declared effective at 3:30 p.m., Eastern Time, on December 6, 2018, or as soon thereafter as is practicable.

Thank you for your assistance in this matter. Should you have any questions, please call Amy Culbert of Fox Rothschild LLP at (612) 607-7287.

Very truly yours,

/s/ Rick Pauls

Rick Pauls  
*President and Chief Executive Officer*