

Novus Therapeutics, Inc.  
19900 MacArthur Blvd., Suite 550  
Irvine, California 92612  
(949) 238-8090

August 7, 2017

VIA EDGAR

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, DC 20549  
Attn: Irene Paik

**Re:** *Novus Therapeutics, Inc.*  
*Registration Statement on Form S-3*  
*Filed June 23, 2017*  
*File No. 333-218949*

Ladies and Gentlemen:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Novus Therapeutics, Inc., a Delaware corporation (the "Company"), hereby respectfully requests that the effective time of the above referenced Registration Statement on Form S-3 filed by the Company (the "Registration Statement") be accelerated to 4:00 p.m., Eastern Daylight Time, on August 9, 2017 or as soon thereafter as practicable.

Please call Ryan Murr of Gibson, Dunn & Crutcher LLP at (415) 393-8243 as soon as the Registration Statement has been declared effective.

[Signature page follows]

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Very truly yours,

Novus Therapeutics, Inc.

/s/ Jon Kuwahara

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Jon Kuwahara

Senior Vice President of Finance and Administration

cc: Ryan A. Murr, Gibson, Dunn & Crutcher LLP