

Arsanis, Inc.  
950 Winter Street, Suite 4500  
Waltham, MA 02451

February 12, 2019

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549

Re: Arsanis, Inc.  
Registration Statement on Form S-3  
File No. 333-229377  
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Arsanis, Inc. (the "Registrant") hereby requests acceleration of the effective date of its Registration Statement on Form S-3 (File No. 333-229377), as amended (the "Registration Statement"), so that it may become effective at 4:00 p.m. Eastern time on February 14, 2019, or as soon thereafter as practicable.

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Very truly yours,

ARSANIS, INC.

By: /s/ Michael P. Gray

Name: Michael P. Gray

Title: President and Chief Executive Officer,  
Chief Financial Officer

*Signature Page to Acceleration Request*