

June 10, 2020

**Re: Xenon Pharmaceuticals Inc. (the “Company”)
Registration Statement on Form S-3
Registration Statement No. 333-238896**

Via EDGAR

U.S. Securities and Exchange Commission
Division of Corporation Finance
Office of Life Sciences
100 F Street, N.E.
Washington, DC 20549

Attention: Courtney Lindsay

Dear Mr. Lindsay:

In accordance with Rule 461 under the Securities Act of 1933, as amended, the undersigned registrant hereby requests the effective date for the Registration Statement referred to above be accelerated so that it will be declared effective at 4:30 p.m. ET on June 12, 2020 or as soon thereafter as is practicable.

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Sincerely,

XENON PHARMACEUTICALS INC.

By: /s/ Ian Mortimer

Ian Mortimer

President and Chief Financial Officer