

EQRX, INC.
50 Hampshire Street
Cambridge, MA 02139

VIA EDGAR

December 22, 2021

United States Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, DC 20549
Attention: Michael Davis

Re: EQRx, Inc.
Acceleration Request for Registration Statement on Form S-1
Filed December 21, 2021
File No. 333-261786

Dear Mr. Davis,

Pursuant to Rule 461 under the Securities Act of 1933, as amended, EQRx, Inc. hereby requests that the effective date and time of the above-referenced registration statement (the “**Registration Statement**”) be accelerated to December 23, 2021, at 4:30 p.m., Eastern Time, or as soon thereafter as practicable, unless we or our counsel, Goodwin Procter LLP, request by telephone that such Registration Statement be declared effective at some other time.

Once the Registration Statement is effective, please orally confirm the event with our counsel, Goodwin Procter LLP, by calling Marianne Sarrazin at (415) 733-6134. We also respectfully request that a copy of the written order from the Securities and Exchange Commission verifying the effective date and time of the Registration Statement be sent to our counsel, Goodwin Procter LLP, Attention: Marianne Sarrazin, by email to MSarrazin@goodwinlaw.com or by facsimile to (415) 651-9491.

If you have any questions regarding this request, please contact Marianne Sarrazin of Goodwin Procter LLP at (415) 733-6134.

Sincerely,

EQRX, INC.

/s/ Melanie Nallicheri

Melanie Nallicheri

President and Chief Executive Officer

cc: Jami Rubin, EQRx, Inc.
William D. Collins, Goodwin Procter LLP
Marianne Sarrazin, Goodwin Procter LLP