September 10, 2019

U.S. Securities and Exchange Commission Division of Corporation Finance 100 F Street, N.E. Washington, D.C. 20549 Attention: Tonya K. Aldave

Re: SpringWorks Therapeutics, Inc. Registration Statement on Form S-1 (File No. 333-233351) Request for Acceleration

Dear Ms. Aldave:

Pursuant to Rule 460 of the General Rules and Regulations under the Securities Act of 1933, as amended, we wish to advise that as of the date hereof, approximately 2,250 copies of the Preliminary Prospectus dated September 3, 2019 were distributed to prospective underwriters, institutional investors and prospective dealers in connection with the above-captioned Registration Statement.

We wish to advise you that the participating underwriters have informed us that they have complied and will continue to comply with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended.

We hereby join in the request of the registrant that the effectiveness of the above-captioned Registration Statement, as amended, be accelerated to 4:00 p.m. Eastern Time, on Thursday, September 12, 2019 or as soon thereafter as practicable.

[Signature page follows]

Very truly yours,

J.P. MORGAN SECURITIES LLC GOLDMAN SACHS & CO. LLC COWEN AND COMPANY, LLC

As representatives of the Underwriters

J.P. MORGAN SECURITIES LLC

By: /s/ David Ke Name: David Ke Title: Executive Director

GOLDMAN SACHS & CO. LLC

By: /s/ Elizabeth Wood Name: Elizabeth Wood Title: Managing Director

COWEN AND COMPANY, LLC

By: /s/ David Bohn

Name: David Bohn Title: Managing Director