

Goldman Sachs & Co. LLC  
Jefferies LLC  
Piper Jaffray & Co.

As representatives of the several Underwriters  
named in Schedule I of the Underwriting Agreement

c/o Goldman Sachs & Co. LLC  
200 West Street  
New York, NY 10282

c/o Jefferies LLC  
520 Madison Avenue  
New York, NY 10022

c/o Piper Jaffray & Co.  
345 Park Avenue, 12th Floor  
New York, NY 10154

May 20, 2019

**Via EDGAR Submission**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street N.E.  
Washington, DC 20549-7010

Attn: Chris Edwards and Liz Walsh

**Re:       Bicycle Therapeutics Ltd.  
          Registration Statement on Form S-1, as amended (File No. 333-231076)  
          Request for Acceleration of Effective Date**

Dear Ladies and Gentlemen:

In accordance with Rule 461 under the Securities Act of 1933, as amended (the "Act"), we, as the representatives of the several underwriters, hereby join in the request of Bicycle Therapeutics Limited (the "Company") for acceleration of the effective date of the above-named Registration Statement so that it becomes effective at 4:00 p.m. Eastern Time on May 22, 2019, or as soon thereafter as practicable, or at such other time as the Company or its outside counsel, Goodwin Procter LLP, request by telephone that such Registration Statement be declared effective.

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Pursuant to Rule 460 under the Act, we, as the representatives of the several underwriters, wish to advise you that between May 13, 2019 through the date hereof we and the other prospective underwriters have distributed approximately 3,070 copies of the Company's Preliminary Prospectus dated May 13, 2019 to prospective underwriters, dealers, institutional investors and others.

We, the undersigned, as the representatives of the several underwriters, have complied and will comply, and we have been informed by the participating underwriters that they have complied and will comply, with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended.

(signature page follows)

Very truly yours,

GOLDMAN SACHS & CO. LLC  
JEFFERIES LLC  
PIPER JAFFRAY & CO.

*As representatives of the several underwriters listed in Schedule I to the Underwriting Agreement*

GOLDMAN SACHS & CO. LLC

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

JEFFERIES LLC

By: /s/ Charles Glazer  
Name: Charles Glazer  
Title: Managing Director

PIPER JAFFRAY & CO.

By: /s/ Chad E. Huber  
Name: Chad E. Huber  
Title: Managing Director

*(Signature Page to Acceleration Request Letter)*

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