

Morgan Stanley & Co. LLC  
1585 Broadway  
New York, New York 10036

Jefferies LLC  
520 Madison Avenue  
New York, New York 10022

Goldman Sachs & Co. LLC  
200 West Street  
New York, New York 10282

April 5, 2021

***VIA EDGAR***

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

Re: **Maravai LifeSciences Holdings, Inc.**  
**Registration Statement on Form S-1, as amended (File No. 333-255043)**  
**Request for Acceleration of Effective Date**

Ladies and Gentlemen:

In accordance with Rule 461 under the Securities Act of 1933, as amended (the "**Act**"), we, as representatives of the several underwriters, hereby join in the request of Maravai LifeSciences Holdings, Inc. (the "**Company**") for acceleration of the effective date of the above-named Registration Statement so that it becomes effective at 4 PM, Eastern Time, on April 7, 2021, or as soon thereafter as practicable, or at such other time thereafter as the Company or its outside counsel, Kirkland & Ellis LLP, may request by telephone that such Registration Statement be declared effective.

Pursuant to Rule 460 under the Act, we, as representatives of the several underwriters, wish to advise you that there will be distributed to each underwriter or dealer, who is reasonably anticipated to participate in the distribution of the security, as many copies of the proposed form of preliminary prospectus as appears to be reasonable to secure adequate distribution of the preliminary prospectus.

The undersigned, as representatives of the several underwriters, advise that they have complied and will continue to comply, and each underwriter has advised the undersigned that it has complied and will continue to comply, with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended.

*[Signature Page Follows]*

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Very truly yours,

MORGAN STANLEY & CO. LLC  
JEFFERIES LLC  
GOLDMAN SACHS & Co. LLC

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

MORGAN STANLEY & CO. LLC

By: /s/ Kalli Dircks  
Name: Kalli Dircks  
Title: Managing Director

JEFFERIES LLC

By: /s/ Réal Leclerc  
Name: Réal Leclerc  
Title: Global Co-Head of Healthcare Investment Banking

GOLDMAN SACHS & Co. LLC

By: /s/ Elizabeth Wood  
Name: Elizabeth Wood  
Title: Managing Director, Goldman Sachs Investment Banking  
Division

*[Signature Page to Underwriters' Acceleration Request]*