

KRYSTAL BIOTECH, INC.
2100 Wharton Street, Suite 701
Pittsburgh, PA 15203

October 9, 2018

VIA EDGAR

Ms. Irene Paik
Division of Corporation Finance
United States Securities and Exchange Commission
100 F Street, NE
Washington, D.C. 20549

**Re: Krystal Biotech, Inc.
Registration Statement on Form S-3 (File No. 333-227632)**

Dear Ms. Paik:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Krystal Biotech, Inc. (the "Registrant") hereby requests acceleration of effectiveness of its registration statement on Form S-3 (File No. 333-227632) to 9:00 a.m., Eastern Time, on October 12, 2018, or as soon as practicable thereafter.

The Registrant requests that it be notified of such effectiveness by a telephone call to John W. Campbell, the Company's counsel at Morrison & Foerster LLP, at (415) 268-7197.

Very truly yours,

Krystal Biotech, Inc.

By: /s/ Krish S. Krishnan

Name: Krish S. Krishnan

Title: President and Chief Executive Officer