

JonesTrading Institutional Services LLC
325 Hudson Street, 6th Floor
New York, New York 1001

May 3, 2024

Via EDGAR

Securities and Exchange Commission
Division of Corporation Finance
Washington, D.C. 20549
Attention: Doris Stacey Gama

**RE: Organovo Holdings, Inc.
Registration Statement on Form S-1
File No. 333-278668
Request for Acceleration**

Ladies and Gentlemen:

JonesTrading Institutional Services LLC ("JonesTrading"), solely acting as placement agent on a best efforts basis in an offering pursuant to the registration statement on Form S-1 (File No. 333-278668) (the "Registration Statement"), hereby concurs in the request by Organovo Holdings, Inc. that the effective date of the above-referenced registration statement be accelerated to 5:00 P.M. (Eastern Time), or as soon as practicable thereafter, on May 7, 2024, pursuant to Rule 461 under the Securities Act. JonesTrading affirms that it is aware of its obligations under the Securities Act as they pertain to the best efforts offering pursuant to the Registration Statement.

[Signature Page Follows]

Very truly yours,

JONESTRADING INSTITUTIONAL SERVICES LLC

By: /s/ Burke Cook

Name: Burke Cook

Title: General Counsel & Secretary

cc: Burke Cook, General Counsel at JonesTrading Institutional Services LLC and Dean M. Colucci, Duane Morris LLP

[Signature Page to Acceleration Request]