

[LETTERHEAD OF INMED PHARMACEUTICALS INC.]

November 10, 2020

VIA EDGAR

Securities and Exchange Commission
100 F Street N.E.
Washington, D.C. 20549-7010
USA

**Re: InMed Pharmaceuticals Inc.
Registration Statement on Form S-1
Filed June 19, 2020, as amended
File No. 333-239319**

Pursuant to Rule 461(a) under the Securities Act of 1933, as amended (the "Securities Act"), InMed Pharmaceuticals Inc. (the "Company") hereby respectfully requests that the Securities and Exchange Commission (the "Commission") accelerate the effective date of the above-referenced Registration Statement (the "Registration Statement") to November 12, 2020 at 9:00 a.m. (Eastern) or as soon thereafter as is practicable.

The Company also requests the Commission confirm the effective date and time of the Registration Statement in writing.

INMED PHARMACEUTICALS INC.

By /s/ Eric A. Adams

Name: Eric A. Adams

Title: President & Chief Executive Officer