Entera Bio Ltd. Minrav Building – Fifth Floor Jerusalem, Israel 9112002

February 14, 2024

VIA EDGAR

United States Securities and Exchange Commission Division of Corporation Finance 100 F Street, NE Washington, D.C. 20549 Attention: Doris Stacey Gama

RE: Entera Bio Ltd. (the "Company")

Registration Statement on Form S-3, as amended (the "Registration Statement")

Filed February 2, 2024 File No. 333-276844

Dear Ms. Gama

The Company hereby requests, pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, acceleration of effectiveness of the Registration Statement so that such Registration Statement will become effective as of 4:15 p.m. on February 14, 2024, or as soon thereafter as practicable.

Very truly yours,

Entera Bio Ltd.

By: /s/ Miranda Toledano

Name: Miranda Toledano Title: Chief Executive Officer