

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

September 6, 2024

Sergio Traversa Chief Executive Officer Relmada Therapeutics, Inc. 2222 Ponce de Leon Blvd., Floor 3 Coral Gables, FL 33134

> Re: Relmada Therapeutics, Inc. Registration Statement on Form S-3 Filed August 30, 2024 File No. 333-281877

Dear Sergio Traversa:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Jessica Dickerson at 202-551-8013 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Gregory Sichenzia, Esq.