

May 16, 2024

Douglas E. Onsi
Chief Executive Officer
Leap Therapeutics, Inc.
47 Thorndike Street, Suite B1-1
Cambridge, MA 02141

Inc.

Statement on Form S-3

Re: Leap Therapeutics,

Registration

Filed May 10, 2024
File No. 333-279340

Dear Douglas E. Onsi:

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.

McNamara at 202-551-7349 with any questions.

Please contact Jimmy

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Julio E. Vega