



DIVISION OF
CORPORATION FINANCE

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

August 22, 2022

Shalabh Gupta, M.D.
Chief Executive Officer
Unicycive Therapeutics, Inc.
4300 El Camino Real, Suite 210
Los Altos, CA 94022

Re: Unicycive Therapeutics, Inc.
Registration Statement on Form S-3
Filed August 16, 2022
File No. 333-266890

Dear Dr. Gupta:

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 Christine Westbrook at 202-551-5019 with any questions.

Sincerely,

Division of Corporation Finance
Office of Life Sciences

cc: Jeffrey Fessler, Esq.