

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

August 22, 2022

Scott Requadt Chief Executive Officer Talaris Therapeutics, Inc. 93 Worcester Street Wellesley, MA 02481

Re: Talaris Therapeutics, Inc.
Registration Statement on Form S-3
Filed August 15, 2022
File No. 333-266875

Dear Mr. Requadt:

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 Dillon Hagius at 202-551-7967 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Gabriela Morales-Rivera