September 6, 2023

Matthias Bodenstedt Chief Financial Officer MoonLake Immunotherapeutics Dorfstrasse 29 6300 Zug Switzerland 41 415108022

Re: MoonLake

Immunotherapeutics

Registration

Statement on Form S-3

Filed August 31,

2023

File No. 333-274286

Dear Matthias Bodenstedt:

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 $\ensuremath{\mathsf{A}}$

disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Jimmy

McNamara at 202-551-7349 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc: Branden Berns