

March 28, 2023

Silviu Itescu
Managing Director and Chief Executive Officer
Mesoblast Limited
Level 38, 55 Collins Street
Melbourne, VIC 3000, Australia

Re: Mesoblast Limited
Registration

Statement on Form F-3

Filed March 24,

2023

File No. 333-270814

Dear Silviu Itescu:

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 Joshua

Gorsky at 202-551-7836 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Andrew Reilly