September 7, 2022 Silviu Itescu Managing Director and Chief Executive Officer Mesoblast Ltd. 505 Fifth Avenue, Third Floor New York, NY 10017 Re: Mesoblast Ltd. Registration Statement on Form F-3Filed August 31, 2022 File No. 333-267175 Dear Dr. 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 Daniel Crawford at 202-551-7767 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Andrew Reilly, Esq.