

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

DIVISION OF CORPORATION FINANCE

July 10, 2024

Pankaj Mohan, Ph.D. CEO and Chairman Sonnet BioTherapeutics Holdings, Inc. 100 Overlook Center, Suite 102 Princeton, New Jersey 08540

> Re: Sonnet BioTherapeutics Holdings, Inc. Registration Statement on Form S-3 Filed July 5, 2024 File No. 333-280705

Dear Pankaj Mohan Ph.D.:

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 Tim Buchmiller at 202-551-3635 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Steven M. Skolnick, Esq.