

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

April 11, 2025

Marc H. Hedrick President and Chief Executive Officer Plus Therapeutics, Inc. 2710 Reed Rd, Suite 160 Houston, TX 77051

Re: Plus Therapeutics, Inc.
Preliminary Proxy Statement on Schedule 14A
Filed March 14, 2025
File No. 001-34375

Dear Marc H. Hedrick:

We have completed our review of your filing. 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.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: William Intner, Esq.