

June 2, 2022

Keith Cummings
Chief Financial Officer
PLIANT THERAPEUTICS, INC.
260 Littlefield Avenue
South San Francisco, CA 94080

THERAPEUTICS, INC.
27, 2022

Re: PLIANT

10-K/A filed May
File No. 1-39303

Dear Mr. Cummings:

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