

September 13, 2022

Jeffrey S. Hackman
President and Chief Executive Officer
Comera Life Sciences Holdings, Inc.
12 Gill Street
Suite 4650
Woburn, MA 01801

Sciences Holdings, Inc.
Statement on Form S-1
2022

Re: Comera Life
Registration
Filed September 6,
File No. 333-267283

Dear Mr. Hackman:

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 Margaret Schwartz at 202-551-7153 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc:

Ryan Rourke Reed, Esq.