July 8, 2022 Osvaldo Flores President and Chief Executive Officer Century Therapeutics, Inc. 3675 Market Street Philadelphia, Pennsylvania 19104 Re: Century Therapeutics, Inc. Registration Statement on Form S-3 Filed July 1, 2022 File No. 333-265975 Dear Mr. Flores: 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:

Rachael Bushey