



DIVISION OF  
CORPORATION FINANCE

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

September 15, 2022

Timothy Lu, M.D., Ph.D  
Chief Executive Officer  
Senti Biosciences, Inc.  
2 Corporate Drive, First Floor  
South San Francisco, CA 94080

**Re: Senti Biosciences, Inc.**  
**Registration Statement on Form S-1**  
**Filed September 12, 2022**  
**File No. 333-267390**

Dear Dr. Lu:

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 Jason Drory at 202-551-8342 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Swetha Gopalakrishnan, Esq.