

February 12, 2021

Andrew Robbins  
President and Chief Executive Officer  
Cogent Biosciences, Inc.  
200 Cambridge Park Drive, Suite 2500  
Cambridge, Massachusetts 02140

Inc.

Statement on Form S-3  
2021

Re: Cogent Biosciences,  
Registration  
Filed February 9,  
File No. 333-252873

Dear Mr. Robbins:

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 Alan Campbell at 202-551-4224 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc:

Ryan A. Murr