



DIVISION OF  
CORPORATION FINANCE

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

February 25, 2021

Christopher Zosh  
Vice President of Finance  
Cleveland BioLabs, Inc.  
73 High Street  
Buffalo, New York 14203

**Re: Cleveland BioLabs, Inc.  
Registration Statement on Form S-4  
Filed February 16, 2021  
File No. 333-253111**

Dear Mr. Zosh:

We have limited our review of your registration statement to those issues we have addressed in our comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Registration Statement on Form S-4

Material U.S. Federal Income Tax Consequences of the Merger, page 133

1. Please include a tax opinion or provide us an analysis explaining why one is not required. Refer to Item 601(b)(8) of Regulation S-K and Sections III.A.2 and III.B of Staff Legal Bulletin 19.

Cleveland BioLabs Executive Compensation, page 163

2. Please revise to provide the executive compensation information for the fiscal year ended December 31, 2020.

Christopher Zosh  
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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.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

Please contact Alan Campbell at 202-551-4224 or Joe McCann at 202-551-6262 with any other questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: David S. Wolpa, Esq.