



DIVISION OF  
CORPORATION FINANCE

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

October 12, 2022

Mark Dmytruk  
Chief Financial Officer  
Ginkgo Bioworks Holdings, Inc.  
27 Drydock Avenue, 8th Floor  
Boston, MA 02210

**Re: Ginkgo Bioworks Holdings, Inc.**  
**Registration Statement on Form S-3**  
**Filed October 5, 2022**  
**File No. 333-267743**

Dear Mark Dmytruk:

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 Doris Stacey Gama at 202-551-3188 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences

cc: Faiza Rahman, Esq.