



DIVISION OF  
CORPORATION FINANCE

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

July 29, 2022

Christopher Stewart  
Chief Financial Officer  
Bionano Genomics, Inc.  
9540 Towne Centre Drive  
Suite 100  
San Diego, CA 92121

**Re: Bionano Genomics, Inc.**  
**Form 10-K for the Fiscal Year Ended December 31, 2021**  
**Filed March 1, 2022**  
**File No. 001-38613**

Dear Mr. Stewart:

We have completed our review of your filings. 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.

Sincerely,

Division of Corporation Finance  
Office of Life Sciences