



DIVISION OF
CORPORATION FINANCE

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

February 11, 2021

Michael Landsittel
Chief Financial Officer
Blueprint Medicines Corp
45 Sidney Street
Cambridge, Massachusetts 02139

Re: Form 10-K for the Fiscal Year Ended December 31, 2019
Filed February 13, 2020
File No. 001-37359

Dear Mr. Landsittel:

We have completed our review of your filing. 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