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

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER
THE SECURITIES EXCHANGE ACT OF 1934**

For the month of March 2020

Commission File Number: 001- 39167

Molecular Data Inc.

5/F, Building 12, 1001 North Qinzhou Road, Xuhui District
Shanghai 201109
People's Republic of China
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Directors Resignation

Each of Mr. Qingsheng Zheng, Mr. Kai Liu and Ms. Qi Shan has tendered a resignation letter to resign as a director of Molecular Data Inc. (Nasdaq: MKD), effective March 27, 2020, due to personal reasons.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Molecular Data Inc.

By : /s/ Zheng Wang
Name : Zheng Wang
Title : Director and Chief Executive Officer

Date: March 27, 2020
