

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

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): August 16, 2019

Bionano Genomics, Inc.

(Exact Name of Registrant as Specified in its Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-38613
(Commission
File Number)

26-1756290
(IRS Employer
Identification No.)

**9540 Towne Centre Drive, Suite 100
San Diego, California**
(Address of Principal Executive Offices)

92121
(Zip Code)

Registrant's telephone number, including area code: **(858) 888-7600**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

| Title of each class | Trading Symbol(s) | Name of each exchange on which registered |
|--|--------------------------|--|
| Common Stock, \$0.0001 par value per share | BNGO | The Nasdaq Stock Market, LLC |
| Warrants to purchase Common Stock | BNGOW | The Nasdaq Stock Market, LLC |

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 3.01 Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing.

(a)

On August 16, 2019, Bionano Genomics, Inc. (the “Company”) received notice from the Nasdaq Stock Market LLC (the “Notice”) that the Company’s stockholders’ equity as reported in the Company’s Quarterly Report on Form 10-Q for the quarter ended June 30, 2019 does not satisfy the Nasdaq Capital Market continued listing requirement set forth in Nasdaq Stock Market Rule 5550(b)(1) (the “Rule”).

The Company has 45 calendar days from the date of the Notice to submit to Nasdaq a plan to regain compliance with the Rule. The Company currently anticipates timely submitting such a plan to Nasdaq. If the plan is accepted, Nasdaq may grant an extension of up to 180 calendar days from the date of the Notice for the Company to provide evidence of compliance. If the plan is not accepted or the Company is not granted an extension, the Company will then consider actions appropriate to the circumstances, which may include applicable appeals to a Nasdaq Hearings Panel.

There can be no assurance that the Company will be able to regain compliance with the Rule.

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b)

On August 21, 2019, Darren Cai, Ph.D. provided the Company with notice of his resignation from the Company’s Board of Directors, effective immediately.

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 hereunto duly authorized.

Bionano Genomics, Inc.

Date: August 22, 2019

By: /s/ R. Erik Holmlin, Ph.D.
R. Erik Holmlin, Ph.D.
President and Chief Executive Officer
(Principal Executive Officer)