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): March 7, 2016

MATINAS BIOPHARMA HOLDINGS, INC. (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 333-193455 (Commission File Number) 46-3011414 (IRS Employer ID Number)

1545 Route 206 South, Suite 302 Bedminster, New Jersey (Address of principal executive offices)

07921 (Zip Code)

Registrant's telephone number, including area code: (908) 443-1860

Not Applicable (Former name or former address, if changed since last report.)

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))

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

On March 7, 2016, Matinas Biopharma Holdings, Inc. (the "Company") appointed Jerome D. Jabbour, age 41, as its President. Mr. Rongen continues to serve as the Company's Chief Executive Officer. Previously from October 2013 until March 2016, Mr. Jabbour served as the Company's Executive Vice President, Chief Business Officer, General Counsel and Secretary and as one of the Company's directors from July 2013 until November 2013. The terms of Mr. Jabbour's employment agreement remain unchanged. Mr. Jabbour's bio and employment agreement are described in detail in the Company's proxy statement filed with the Securities and Exchange Commission on September 15, 2015. The employment agreement is filed as Exhibit 10.12 to Amendment No. 1 to the Company's Registration Statement on Form S-1 filed with the SEC on February 7, 2014.

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.

MATINAS BIOPHARMA HOLDINGS, INC.

Date: March 9, 2016

/s/ Roelof Rongen Roelof Rongen, Chief Executive Officer