FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Weekington, D.C. 20540

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| (Print or Type Responses) | | | | | | | | | | |
|-------------------------------------|------------------|--|---------------|--|--|----------|--|--|--|--|
| 1. Name and Address of Reporting | | | | 3. Issuer Name and Ticker or Trading Symbol | | | | | | |
| Person * WIKLER MATTHEW | Staten (Mont | ient h/Day/Year |) | Matinas BioPharma Holdings, Inc. [MTNB] | | | | | | |
| (Last) (First) (Middl | 01/02 | 01/02/2018 | | 4. Dalatianal | 4. Relationship of Reporting | | | 5 ICA was Invest Data Original | | |
| C/O MATINAS BIOPHARM | · · | | Person(s) to | | orting | | 5. If Amendment, Date Original Filed(Month/Day/Year) | | | |
| HOLDINGS, INC., 1545 ROUTE | | | | (Check | (Check all applicable) _X _ Director 10% Owner Officer (give Other (specify | | | , | | |
| 206 SOUTH, SUITE 302 | | | | | | | | | | |
| (Street) | | | | title below) | below) | | | dual or Joint/Group | | |
| DEDMINSTED NI 07021 | | | | | | | | eck Applicable Line) filed by One Reporting Person | | |
| BEDMINSTER, NJ 07921 | | | | | | | | iled by More than One Reporting | | |
| (City) (State) (Zip |)) | Tal | ble I | - Non-Derivati | ve Secu | rities] | s Beneficially Owned | | | |
| 1.Title of Security | | 2. A | moun | at of Securities | 3. | 4. | Nature of Ind | lirect Beneficial | | |
| (Instr. 4) | | | | lly Owned | Ownersh | | wnership | | | |
| | | (Ins | tr. 4) | | Form: D (D) or | irect (I | nstr. 5) | | | |
| | | | | | Indirect | (I) | | | | |
| | | | | | (Instr. 5) | | | | | |
| Reminder: Report on a separate line | e for each clas | s of securit | ies bei | neficially owned o | lirectly or | indirec | tly. | SEC 1473 (7-02) | | |
| Persons who | o respond t | o the colle | ection | n of information | n contair | ned in | this form are | e | | |
| not required number. | to respond | l unless th | ne for | m displays a c | urrently | valid C | OMB control | | | |
| Table II - Derivative S | ecurities Ber | neficially O | wned | (e.g., puts, calls, | warrants | , option | ns, convertible | e securities) | | |
| 1. Title of Derivative Security | | Date Exercisable and Expiration Date Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | | 5. | 6. Nature of Indirect | | |
| (Instr. 4) | | | | | | ersion | Ownership Form of | Beneficial Ownership (Instr. 5) | | |
| | (Wolldin Bay) Te | | | | | of | Derivative | (msu. 5) | | |
| | Date | Expiration | Ì | | | ative | Security: | | | |
| | Exercisable | Date | Title | Amount or Num | ber Secur | rity | Direct (D) or Indirect | | | |
| | | | Title | of Shares | | | (I) | | | |
| | | | | | | | (Instr. 5) | | | |
| _ | | | | | | | | | | |
| Reporting Owners | | | | | | | | | | |
| Reporting Owner Name / Address | | | Relationships | | | | | | | |
| | | | Dire | tor 10% Owner Officer Other | | | | | | |
| WIKLER MATTHEW | | | | | | | | | | |
| C/O MATINAS BIOPHARMA | A HOLDIN | GS, INC. | | . 7 | | | | | | |

X

Signatures

BEDMINSTER, NJ 07921

1545 ROUTE 206 SOUTH, SUITE 302

| /s/ Jerome D. Jabbour, attorney-in fact for Matthew Wikler | | 01/04/2018 |
|--|--|------------|
| **Signature of Reporting Person | | Date |

Explanation of Responses:

No securities are beneficially owned

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints each of Jerome D. Jabbour, Gary Gaglione, Michael J. Lerner and Meredith Prithviraj his true and lawful attorney-in-fact to:

- 1. execute for and on behalf of the undersigned Schedules 13D and 13G, Form ID, and Forms 3, 4 and 5 in accordance with Sections 13 and 16(a) of the Securities Exchange Act of 1934 (the "Exchange Act") and the rules thereunder;
- do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete the execution of any such Schedules 13D or 13G, Form ID application for EDGAR codes, and Forms 3, 4 or 5, and the timely filing of such Forms with the United States Securities and Exchange Commission and any other authority; and
- 3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, including, without limitation, the execution and filing of a Form 4 with respect to a transaction which may be reported on a Form 5, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in his discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform all and every act and thing whatsoever requisite, necessary and proper to be done in the exercise of any of the rights and powers herein granted, as fully and to all intents and purposes as he might or could do in person, with full power of substitution and resubstitution, hereby ratifying and confirming all that such attorney-in-fact, or his substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming any of the undersigned's responsibilities to comply with Sections 13 and 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file any Schedules 13D and 13G and Forms 3, 4 and 5 in accordance with Sections 13 and 16(a) of the Exchange Act and the rules thereunder with respect to the undersigned's holdings of and transactions in securities issued by Matinas BioPharma Holdings, Inc., unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 11th day of December, 2017.

/s/ Matthew Wikler
By: Matthew Wikler