

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

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

|   |   |  |   |
|---|---|--|---|
| 1. Name and Address of Reporting Person*<br><u>Moriarty John B</u><br><hr/> (Last) (First) (Middle)<br>C/O OLEMA PHARMACEUTICALS, INC.<br>512 2ND STREET, 4TH FLOOR<br><hr/> (Street)<br>SAN FRANCISCO CA 94107<br><hr/> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year)<br>11/18/2020 | 3. Issuer Name and Ticker or Trading Symbol<br><u>Olema Pharmaceuticals, Inc.</u> [ <u>OLMA</u> ]  |   |
|   |   | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below)<br>EVP, Ch. Legal Officer & Sec. | 5. If Amendment, Date of Original Filed (Month/Day/Year)<br><br>6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
|---------------------------------|---|--|---|

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|--|--|---|
|  | Date Exercisable   | Expiration Date |   |  |  |   |
| Stock Option (Right to Buy)                | (I)  | 09/18/2030      | Common Stock  | 252,060  | 4.824  | D   |

**Explanation of Responses:**

1. 25% of the shares subject to the option vest on September 8, 2021 and 1/48 of the total number of shares subject to the option vest each month thereafter, subject to the Reporting Person's continuous service through each applicable vesting date. The stock option is early exercisable.

**Remarks:**

/s/ John B. Moriarty, Jr.      11/18/2020

\*\* Signature of Reporting Person      Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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.

**Persons who 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 Shane Kovacs of Olema Pharmaceuticals, Inc. (the "Company"), and Jodie Bourdet, Kim Merritt and Kris Tsao Cachia of Cooley LLP, signing individually, as the undersigned's true and lawful attorneys-in-fact and agents to:

1. Prepare, execute for and on behalf of the undersigned, and submit to the Securities and Exchange Commission (the "SEC"), in the undersigned's name and capacity as an officer, director and/or beneficial owner more than 10% of a registered class of securities of the Company, Forms 3, 4 and 5 (including any amendments thereto and joint filing agreements in connection therewith) in accordance with Section 16 of the Securities Exchange Act of 1934, as amended, and the rules thereunder (the "Exchange Act");
2. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to prepare and execute any such Forms 3, 4 or 5, prepare and execute any amendment or amendments thereto, and joint filing agreements in connection therewith, and file such forms with the SEC and any stock exchange, self-regulatory association or similar 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 of, the undersigned, 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 such attorney in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's 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, and their substitutes, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, (b) revocation by the undersigned in a signed writing delivered to the Company and the foregoing attorneys-in-fact or (c) as to any attorney-in-fact individually, until such attorney-in-fact is no longer employed by the Company or employed by or a partner at Cooley LLP, or another law firm representing the Company, as applicable.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 25th day of October, 2020.

/s/ John B. Moriarty  
JOHN B. MORIARTY, JR., J.D.