## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| <b>TATEMENT</b> | <b>OF CHANGES</b> | <b>IN BENEFICIAL</b> | <b>OWNERSHIP</b> |
|-----------------|-------------------|----------------------|------------------|

| OMB APPF                 | ROVAL     |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| Name and Address of Reporting Person*     Grossman Adam S  |   |  |               |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol ADMA BIOLOGICS, INC. [ ADMA ]   |   |   |                     |                                  |   |   |   |  | Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner |   |  |                                       |  |
|--|---|--|---------------|---|--|---|---|---------------------|----------------------------------|---|---|---|--|---|---|--|---------------------------------------|--|
| (Last)   | (Last) (First) (Middle) C/O ADMA BIOLOGICS, INC.                      |  |               | 3. Date of Earliest Transaction (Month/Day/Year) 09/30/2023 |  |   |   |                     |                                  |   |   |   | X Officer (give title Other (specify below)  President and CEO   |   |   |  |                                       |  |
| 465 STA  | TE ROUTE  | 17   |               |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |   |   |                     |                                  |   |   |   |  | 6. Individual or Joint/Group Filing (Check Applicable Line)                                   |   |  |                                       |  |
| (Street) RAMSE   | Y NJ  | 0  | 07446         |   |  | X Form filed by One Reporting Person Form filed by More than One Reporting Person |   |                     |                                  |   |   |   |  |   |   |  |                                       |  |
| (City) (State) (Zip)   |   |  |               | Ru  | Rule 10b5-1(c) Transaction Indication  |   |   |                     |                                  |   |   |   |  |   |   |  |                                       |  |
|  |   |  |               |   | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |   |   |                     |                                  |   |   |   |  |   |   |  |                                       |  |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |   |  |               |   |  |   |   |                     |                                  |   |   |   |  |   |   |  |                                       |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Ye   |   |  | /ear)         | Execution Date,   |  |   |   |                     | Disposed Of                      | Acquired (A) or<br>(D) (Instr. 3, 4 and |   | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported |  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)                             |   | 7. Nature of Indirect Beneficial Ownership |                                       |  |
|  |   |  |               |   |  |   |   | Code                | v                                | Amount                                  | (A) or<br>(D)   | Price   | Transaction(s)<br>(Instr. 3 and 4)   |   |   |  | (Instr. 4)                            |  |
| Common Stock 09/30/202   |   |  |               | 23  | !3   |   |   | F                   |                                  | 18,718                                  | D   | \$3.58  | 2,254,367(1)(2)(3)   |   |   | D  |                                       |  |
| Common Stock   |   |  |               |   |  |   |   |                     |                                  |   |   | 1,143,426   |  |   | I   | See<br>Footnote <sup>(4)</sup>             |                                       |  |
| Common Stock   |   |  |               |   |  |   |   |                     |                                  |   |   |   | 580,957  |   |   | I  | See<br>Footnote <sup>(5)</sup>        |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |               |   |  |   |   |                     |                                  |   |   |   |  |   |   |  |                                       |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | Exec<br>if an | Deemed<br>Lution Date,<br>Y<br>Ith/Day/Year)                | 4.<br>Trans<br>Code<br>8)  | action<br>(Instr.   | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |                     | Expiration Date (Month/Day/Year) |   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |   | 8. Price of Derivative Security (Instr. 5)  (Instr. 5)  (Instr. 6)  8. Price of Derivative Security Geruit Security Geruit Securit Securit Securit Council Securit Sec |   | ove es ially Direct (D) or Indirect (I) (Instr. 4 |  | Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |               |   | Code   | e V (A) (D)   |   | Date<br>Exercisable |                                  | Expiration<br>Date                      | Title   | Amount<br>or<br>Number<br>of<br>Shares                                    |  |   |   |  |                                       |  |

- 1. Includes, as of the transaction date, (i) 573,695 RSUs granted on March 6, 2023 that will vest quarterly on the date of grant, over four years, subject to the reporting person's continued service as of the applicable vesting date; (ii) 225,000 unvested RSUs granted on March 7, 2022 that will vest quarterly on the date of grant, over four years, subject to the reporting person's continued service as of the applicable vesting date and that will be settled into common stock upon vesting; (iii) 283,594 unvested Time-Based RSUs granted on September 29, 2021, subject to time based vesting conditions (the "Time-Based RSUs") which will vest in eight (8) equal quarterly installments over a period of two years following December 31, 2022, becoming fully vested on December 31, 2024 and that will be settled into common stock upon vesting, subject to the reporting person's continued employment on the applicable vesting date;
- 2. (continued from footnote 1) (iv) 104,341 unvested RSUs granted on February 25, 2021, of which 91,575 unvested RSUs will vest quarterly on each anniversary of the date of grant, over four years, subject to the reporting person's continued service as of the applicable vesting date and 12,766 unvested RSUs are subject to cliff vesting with one-third of such RSUs vesting on each anniversary of the date of grant over three years, subject to the reporting person's continued service as of the applicable vesting date, and in each case will be settled into common stock upon vesting;
- 3. (continued from footnote 2) (v) 25,000 unvested RSUs granted on February 28, 2020, which vest quarterly on each anniversary of the date of grant, over four years, subject to the reporting person's continued service as of the applicable vesting date and will be settled into common stock upon vesting; and (vi) 1,042,737 shares of common stock owned by the reporting person, which reflects prior purchases and the prior net settlement upon vesting of previously granted RSUs after the withholding of shares to cover applicable taxes.
- 4. These shares are owned by Areth, LLC ("Areth"). The reporting person is a control person of Areth.
- 5. These shares are owned by Hariden, LLC ("Hariden"). The reporting person is the managing member of Hariden.

/s/ Adam S. Grossman, by 10/03/2023 Brian Lenz as Attorney-in-fact

\*\* 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 4 (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.