| SEC Form 4  |   |  |  |  |  |  |   |  |   |  |  |  |  |  |  |                                       |
|---|---|--|--|--|--|--|---|--|---|--|--|--|--|--|--|---------------------------------------|
| FORM 4 UNITED S   |   |  | ) STA  | TATES SECURITIES AND EXCHANGE COMMISSION<br>Washington, D.C. 20549                   |  |  |   |  |   |  |  |  |  | OMB APPROVAL                               |  |                                       |
| Check this box if no I<br>Section 16. Form 4 o<br>obligations may conti<br>Instruction 1(b).<br>Check this box to ind<br>transaction was mad<br>contract, instruction o<br>the purchase or sale<br>securities of the issue<br>to satisfy the affirmat<br>conditions of Rule 10<br>Instruction 10. | r Form 5<br>nue. See<br>icate that a<br>e pursuant to a<br>or written plan for<br>of equity<br>er that is intended<br>ive defense | STAT   |  | d pursu  | ant to Section   | on 16  | ES IN E<br>(a) of the Se<br>e Investmen | curit  | ies Exchar  | nge Act of <i>'</i>  |  | HIP  | Estim  | Numbe<br>nated av<br>s per res             | erage burde  | 3235-0287<br>m<br>0.5                 |
| 1. Name and Address of Reporting Person <sup>*</sup><br>Matsuda Kazuko  |   |  |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>MEDICINOVA INC</u> [ MNOV ] |  |  |   |  |   |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)   |  |  |  |                                       |
| (Last) (First) (Middle)   C/O MEDICINOVA, INC.   4275 EXECUTIVE SQUARE, SUITE 300   |   |  |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>01/07/2025                       |  |  |   |  |   |  |  | Image: Weight of the second secon |  |  |  |                                       |
| (Street)<br>LA JOLLA CA 92037   |   |  | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |  |  |   |  |   |  | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)<br>Form filed by One Reporting Person |  |  |  |  |                                       |
|   | State)  | (Zip)  |  |  |  |  |   |  |   |  |  | Form filed by More than One Reporting<br>Person  |  |  |  |                                       |
|   | Та  | ble I - Nor  | -Deriva  | ative  | Securitie  | s Ao   | cquired, l                              | Dis  | posed c   | of, or Be  | neficially   | y Owned  |  |  |  |                                       |
| 1. Title of Security (Instr. 3)<br>2. Transa<br>Date<br>(Month/E  |   |  |  | 2A. Deen<br>Execution<br>if any<br>(Month/D  | n Date   | Code (li   | Transaction Disp<br>Code (Instr.        |  | ecurities Acquired (A)<br>bosed Of (D) (Instr. 3, 4 |  | Beneficia<br>Owned Fe  | s Form<br>Illy (D) of<br>ollowing (I) (II  |  | nership<br>: Direct<br>Indirect<br>str. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership                      |                                       |
|   |   |  |  |  |  |  | v                                       | Amount   | (A) o<br>(D)  | r Price  | Reported<br>Transacti<br>(Instr. 3 a   | on(s)<br>1d 4)   |  |  | (Instr. 4)   |                                       |
| 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)<br>2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | 3. Transaction<br>Date<br>(Month/Day/Year)  | 3A. Deemed<br>Execution Da<br>if any<br>(Month/Day/Y | Cod  | nsactio<br>de (Instr   | n Derivation<br>Securitien<br>Acquirent<br>or Disposed<br>of (D) (In | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr.<br>3, 4 and 5) |   | 6. Date Exercisa<br>Expiration Date<br>(Month/Day/Year |   | 7. Title an<br>of Securit<br>Underlyin<br>Derivative<br>(Instr. 3 ar | ies<br>g<br>Security   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Numbo<br>derivativ<br>Securitie<br>Beneficia<br>Owned<br>Followin<br>Reported<br>Transact | re<br>es<br>ally<br>g<br>d                 | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|   |   |  | Cod  | de V   | (A)  | (D)  | Date<br>Exercisable                     |  | xpiration<br>Date                                   | Title  | Amount<br>or<br>Number<br>of Shares  |  | (Instr. 4)   |  |  |                                       |
| Employee<br>Stock<br>Option<br>(Right to<br>Buy)<br>Explanation of Bospon   | 01/07/2025  |  | А  |  | 300,000  |  | 01/07/2025                              | 5 0  | 01/17/2034  | Common<br>Stock  | 300,000  | \$0  | 300,00   | 0(1)                                       | D  |                                       |

1. On January 18, 2024, the reporting person was granted an option to purchase 300,000 shares of common stock. The option vests based on the satisfaction of certain performance criteria for the fiscal year ended December 31, 2024. Such performance criteria for 2024 were met, resulting in full vesting of the option.

## /s/ Yuichi Iwaki, attorney-in-01/10/2025 fact Date

\*\* Signature of Reporting Person

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

 $^{\ast}$  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.