FORM 4

### **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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| OMB Number:              | 3235-0287 |
|--------------------------|-----------|
| Estimated average burden |           |
| l                        | 0.5       |

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| affirmative defe<br>10b5-1(c). See                              | ense conditions of Rule<br>Instruction 10. |          |  |         |  |                                 |
|---|--|----------|--|---------|--|---------------------------------|
| 1. Name and Address of Reporting Person* HERON ELAINE J         |  |          | 2. Issuer Name and Ticker or Trading Symbol PALVELLA THERAPEUTICS, INC. [ PVLA ] | (Check  | ationship of Reporting Pers                        | · /                             |
| (Last)  | (First)                                    | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 12/13/2024                      | X       | Director Officer (give title below)                | 10% Owner Other (specify below) |
| C/O PALVELLA THERAPEUTICS, INC. 125 STRAFFORD AVENUE, SUITE 360 |  |          | If Amendment, Date of Original Filed (Month/Day/Year)                            | 6. Indi | ridual or Joint/Group Filing Form filed by One Rep | , , , ,                         |
| (Street)<br>WAYNE   | PA   | 19087    |  |         | Form filed by More tha                             | in One Reporting Person         |
| (City)  | (State)                                    | (Zip)    |  |         |  |                                 |

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| ( | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Transaction Code (Instr. |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and 5) |               |       | 5. Amount of<br>Securities<br>Beneficially Owned<br>Following Reported | Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|--|---|--------------------------|---|--|---------------|-------|--|---|---|
|   |  |   | Code                     | v | Amount   | (A) or<br>(D) | Price | Transaction(s)<br>(Instr. 3 and 4)                                     |   | (111501.4)  |

## 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 (Instr.<br>3) | Conversion | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transac<br>Code (In<br>8) |   |        | Expiration Date<br>(Month/Day/Year) |                     | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr.<br>3 and 4) |                 | Derivative                          | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported |                              | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |
|---|------------|--|---|---------------------------------|---|--------|-------------------------------------|---------------------|--|-----------------|-------------------------------------|--|------------------------------|--|--|--|
|   |            |  |   | Code                            | v | (A)    | (D)                                 | Date<br>Exercisable | Expiration<br>Date   | Title           | Amount<br>or<br>Number<br>of Shares |  | Transaction(s)<br>(Instr. 4) |  |  |  |
| Stock Option<br>(right to buy)                      | \$13.6     | 12/13/2024                                 |   | A                               |   | 24,700 |                                     | (1)                 | 12/13/2034   | Common<br>Stock | 24,700                              | \$0  | 24,700                       | D  |  |  |

#### Explanation of Responses:

1. The stock options will vest and become exercisable in 36 equal monthly installments through the third anniversary of the grant date.

Kathleen A. McGowan, Attorney-

in-Fact

\*\* Signature of Reporting Person Date

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

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.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).