FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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

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 defens 10b5-1(c). See Ins | e conditions of Rule truction 10. | | | | | | | | |
|--|--------------------------------------|----------|--|---|---|-------------------------|--|--|--|
| 1. Name and Address Tosca Meliss | s of Reporting Person * | | 2. Issuer Name and Ticker or Trading Symbol KIORA PHARMACEUTICALS INC [KPRX] | | tionship of Reporting Pers all applicable) Director | on(s) to Issuer | | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 09/29/2023 | X | Officer (give title below) | Other (specify below) | | | |
| C/O KIORA PH | ARMACEUTICAL | S, INC. | | EVP Finance | | | | | |
| 332 ENCINITAS BLVD., SUITE 102 | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person | | | | | |
| (Street) | | | | " | , , | n One Reporting Person | | | |
| ENCINITAS | CA | 92024 | | | , o mod by more and | . Cho riopolang r choch | | | |
| (City) | (State) | (Zip) | | | | | | | |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | Transaction Code (Instr. | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported | Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership |
|---------------------------------|--|---|--------------------------|---|--|---------------|-------|--|---|-------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 09/29/2023 | | A | | 30,000(1) | A | \$0 | 34,900 | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transact Code (In 8) | str. | Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | Derivative | 9. Number of derivative Securities Beneficially Owned Following Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|------------|---|----------------------------------|------|------------|-----|--|--------------------|--|-------------------------------------|------------|--|--|--|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Stock Option (right to buy) | \$0.5677 | 09/29/2023 | | A | | 60,000 | | 09/29/2023(2) | 09/29/2033 | Common Stock | 60,000 | \$0 | 60,000 | D | |

Explanation of Responses:

- 1. Grant of restricted stock from the Issuer pursuant to the Issuer's 2014 Equity Incentive Plan (the "Plan"). The restrictions will vest as to twenty-five percent (25%) of the shares immediately upon grant, and twenty-five percent (25%) on each of September 29, 2024, September 29, 2025 and September 29, 2026, subject to the reporting person's continuous service through each such vesting date.
- 2. The reporting person received an option to purchase Common Stock from the Issuer pursuant to the Plan. The option will become exercisable as to twenty-five percent (25%) of the shares underlying the Option upon grant on September 29, 2023, twenty-five percent (25%) on September 29, 2024 and the remaining balance vests monthly on the first day of each calendar month thereafter for a period of two years, subject to the reporting person's continuous service through each such vesting date.

Remarks:

/s/ Melissa Tosca

** Signature of Reporting Person

10/03/2023

Sig

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.