

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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

**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

|  |                   |          |   |  |  |   |  |  |
|--|-------------------|----------|---|--|--|---|--|--|
| 1. Name and Address of Reporting Person*<br><b>HOMBACH ROBERT J.</b> |                   |          | 2. Issuer Name and Ticker or Trading Symbol<br><b>Aptinyx Inc. [ APTX ]</b> |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |  |  |
| (Last)   | (First)           | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><b>06/28/2019</b>       |  |  | 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 |  |  |
| C/O APTINYX INC.<br>909 DAVIS STREET, SUITE 600                      |                   |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |  |  |   |  |  |
| (Street)   | EVANSTON IL 60201 |          |   |  |  |   |  |  |
| (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) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |       | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |

**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 | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 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 |
| Stock Option (Right to Buy)                | \$3.34   | 06/28/2019                           |  | A                              |   | 6,307 <sup>(1)</sup>   |     |  | (2)             | 06/27/2029  | Common Stock                               | 6,307  | \$1.982   | 6,307  | D     |                            |

**Explanation of Responses:**

- The option award was issued to the Reporting Person, who elected to take equity awards in lieu of cash compensation for services as a director, pursuant to the Issuer's non-employee director compensation plan. The number of options granted was determined by dividing the cash compensation otherwise payable with respect to the quarter by the Black-Scholes value of a single option calculated as of the date of the grant.
- This option is fully vested at time of grant.

/s/ Ashish Khanna, Attorney- 07/02/2019  
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.