FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Vashington, | D.C. | 20549 | |
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| wasnington, | D.C. | 20549 | |
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| UMB APPRO | ONB APPROVAL | | | | | | | | |
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| OMB Number: | 3235-0287 | | | | | | | | |
| Estimated average bur | den | | | | | | | | |
| 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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| 1. Name and Address of Reporting Person* MARCUS JOEL S | | | | | 2. Issuer Name and Ticker or Trading Symbol Intra-Cellular Therapies, Inc. [ITCI] | | | | | | | | ck all appl Direct | licable) | · | | Issuer Owner (specify | | |
|--|--|--|--------------|---|--|---|--|---|--|---------|--|---|---|--|---|---|--------------------------------|--|---|
| (Last) C/O ALI EQUITII | EXANDRI | rst) (MA REAL ESTAT | ∕iiddle E | e) | | 3. Date of Earliest Transaction (Month/Day/Year) 11/07/2022 | | | | | | | | below | | | below | | |
| 26 NORTH EUCLID AVENUE | | | | 4. If a | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) PASADE | ENA C. | A 9 | 1101 | L | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City) | (S | tate) (Z | Zip) | | | | | | | | | | | | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye | | | ear) E | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Ī | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 au | | | 5. Amount of Securities Beneficially Owned Following Reported | | | Direct | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | | | c | Code V | | Amount | (A) or (D) | Price | | Transaction(s) (Instr. 3 and 4) | | (1130. 4) | | (|
| Common | Stock | | | 11/07/202 | 2 | | | | S | | 5,000 | D | \$52.49 | 929 39,233 | | 233 | | D | |
| Common | Stock | | | 11/07/202 | 22 | | | | S | | 5,000 | D | \$52.11 | 17 | 34,233 | | | D | |
| Common | Stock | | | | | | | | | | | | | 1 10 000 1 1 1 | | | See Footnote ⁽¹⁾ | | |
| | 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) | Exe if an | Deemed cution Date, ry nth/Day/Year) | 4. Transa Code 8) | (Instr. | of Deriva Secur Acqui (A) or Dispo of (D) (Instr. and 5) | Derivative Securities Acquired (A) or Disposed of (D) Instr. 3, 4 and 5) | | iration | ay/Year) Securities Underlying Derivative Security (In 3 and 4) Amo or Num of | | unt of unities erlying vative unity (Instr. d 4) Amount or Number of | De Se (In | 8. Price of Derivative Security (Instr. 5) (Instr. 5) 8. Price of derivative Security Beneficial Owned Followinn Reporter Transact (Instr. 4) | | e s ally g | 10. Ownersh Form: Direct (D) or Indirec (I) (Instr. | Beneficial Ownership t (Instr. 4) |

Explanation of Responses:

1. Represents securities held of record by Alexandria Real Estate Equities, Inc. The reporting person is the Executive Chairman & Founder of Alexandria Real Estate Equities, Inc. and may therefore be deemed to have voting and investment power with respect to the shares owned by Alexandria Real Estate Equities, Inc. The reporting person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.

Remarks:

/s/ Lawrence J. Hineline, Attorney-in-fact

11/08/2022

** 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.