FORM 5

Check this box if no longer subject

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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| | Washington, | D.C. | 20549 | |

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

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| OMB APPROVAL | | | | | | | | | |
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| Estimated average burden | | | | | | | | | |
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to Section 16. Form 4 or Form 5 obligations may continue. See ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Instruction 1(b) **OWNERSHIP** Form 3 Holdings Reported.

Form 4 Transactions Reported. or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person* (Check all applicable) Landos Biopharma, Inc. [LABP] Bassaganya-Riera Josep Director 10% Owner Officer (give title Other (specify 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) below) below) (Last) (First) (Middle) 12/31/2021 C/O BIOTHERAPEUTICS INC. 1800 KRAFT DR **SUITE 100** 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable (Street) Form filed by One Reporting Person 24060 **BLACKSBURG VA** Form filed by More than One Reporting Person (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 | 3. Transaction Code (Instr. 8) | 4. Securities Acq Of (D) (Instr. 3, 4 | | or Disposed | 5. Amount of Securities Beneficially Owned at end of | 6. Ownership Form: Direct (D) or | 7. Nature of Indirect Beneficial | |
| | | (Month/Day/Year) | | Amount | (A) or (D) | Price | Issuer's Fiscal Year (Instr. 3 and 4) | Indirect (I) (Instr. 4) | Ownership (Instr. 4) | |
| common stock | 12/28/2021 | | G | 1,000,000(1) | D | \$0 | 3,994,208 | I | by trust ⁽²⁾ | |
| common stock | | | | | | | 766,405 | I | by GRAT ⁽³⁾ | |
| common stock | | | | | | | 823,956 | I | by GRAT ⁽⁴⁾ | |
| common stock | | | | | | | 786,299 | I | by family trust ⁽⁵⁾ | |

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) |
|---|---|--|---|---|---|-----|--|--------------------|---|--|---|--|--|--|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

- 1. These shares were gifted to a charitable remainder unitrust.
- 2. These shares are held by the Josep Bassaganya-Riera Revocable Trust dated April 9, 2018, as amended (the "2018 Trust"). The Reporting Person is the sole trustee of the 2018 Trust and the beneficiaries are the Reporting Person's immediate family members. The Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein.
- 3. These shares are held by the Josep Bassaganva-Riera Grantor Retained Annuity Trust No. 1 dated June 28, 2018 (the "2018 GRAT"). The Reporting Person is the sole trustee of the 2018 GRAT and the beneficiaries are the Reporting Person's immediate family members. The Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein.
- 4. These shares are held by the Josep Bassaganya-Riera Grantor Retained Annuity Trust No. 2 dated March 26, 2019 (the "2019 GRAT"). The Reporting Person is the sole trustee or the 2019 GRAT and the beneficiaries are the Reporting Person's immediate family members. The Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein.
- 5. These shares are held by the Raquel Hontecillas-Magarzo Irrevocable Family Trust dated October 1, 2021 (the "2021 Family Trust"). The Reporting Person is the sole trustee of the 2021 Family Trust and the beneficiaries are the Reporting Person and the Reporting Person and the Reporting Person is immediate family members. The Reporting Person disclaims beneficial ownership of these securities, except to the extent of his pecuniary interest therein.

Josep Bassaganya-Riera

02/14/2022

** Signature of Reporting Person

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.