FORM 4

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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* 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Theriva Biologics, Inc. [TOVX] SHALLCROSS STEVEN A х Director 10% Owner 3. Date of Earliest Transaction (Month/Dav/Year) Officer (give title Other (specify x 12/29/2022 (Last) (First) (Middle) below) below) C/O THERIVA BIOLOGICS, INC., 9605 CEO and CFO **MEDICAL CENTER DRIVE, SUITE 270** 6. Individual or Joint/Group Filing (Check Applicable 4. If Amendment, Date of Original Filed (Month/Day/Year) Line) (Street) X Form filed by One Reporting Person ROCKVILLE 20850 MD Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction 2A. Deemed 4. Securities Acquired (A) or 5. Amount of 6. Ownership 7. Nature 1. Title of Security (Instr. 3) Date Execution Date Transaction Disposed Of (D) (Instr. 3, 4 and Securities Form: Direct of Indirect if any Beneficially (D) or Indirect Beneficial (Month/Dav/Year) Code 5) **Owned Following** (Month/Day/Year) (Instr. 8) (I) (Instr. 4) Ownership (Instr. 4) Reported (A) or Transaction(s) Price Code v Amount (D) (Instr. 3 and 4) Common Stock 12/29/2022 Ρ 100.000 Α \$0.437 110.000 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 3. Transaction 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and 8. Price of 9. Number of 10. 11. Nature 2. Execution Date, if any Date Derivative derivative Derivative Conversion Transaction Expiration Date Amount of Ownership of Indirect (Month/Day/Year) Derivative . (Month/Day/Year) Security or Exercise Code (Instr. Securities Security Securities Form: Beneficial (Instr. 3) Price of (Month/Day/Year) 8) Securities Underlying (Instr. 5) Beneficially Direct (D) Ownership Derivative Acquired Derivative Owned (Instr. 4)

or Indirect (I) (Instr. Security (A) or Security (Instr. 3 Following Disposed and 4) Reported 4) Transaction(s) of (D) (Instr. 3, 4 (Instr. 4) and 5) Amount or Number Date Expiration of Code v (A) (D) Exercisable Date Title Shares

Explanation of Responses:

<u>/s/ Steven A. Shallcross</u>

** Signature of Reporting Person

12/30/2022

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.

OMB APPROVAL

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