FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| Name and Address of Reporting Person* Busch Andreas | | | | 2. Issuer Name and Ticker or Trading Symbol Cyclerion Therapeutics, Inc. [CYCN] | | | | | | (Che | eck all application | 10% O | | ner | | | |
|--|--|--------------------|---|---|--|--|---------|--|-----------------|---|------------------------------|---|---|---|--|---------------------------------------|--|
| (Last) (First) (Middle) C/O CYCLERION THERAPEUTICS, INC. 245 FIRST STREET, 18TH FLOOR | | | | 3. Date of Earliest Transaction (Month/Day/Year) 01/20/2022 | | | | | | X Officer (give title Officer Scientific Officer | | | | | | | |
| (Street) CAMBR (City) | | IA State) | 02142 (Zip) | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | Line |) <mark>K</mark> Form fil | Form filed by More than One Reporting | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | Execution Date, | | Code (I | (Instr. | | str. 3, 4 and 5 | 5. Amoun Securities Beneficia Owned Fo Reported Transacti (Instr. 3 a | s Form (D) of (I) (In on(s) | | Direct I Indirect I str. 4) | 7. Nature of ndirect Beneficial Ownership Instr. 4) | | | |
| 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 | e (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | Cod | saction e (Instr. | 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 an of Securit Underlyin Derivative (Instr. 3 a | g Security | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficial Owned Following Reported | ly | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | |
| | | | | Cod | e V | (A) | (D) | Date Exercisabl | | xpiration ate | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | | |
| Employee Stock Option (Right to Buy) | \$1,21 | 01/20/2022 | | A | | 135,000 | | (1) | 0. | 1/20/2032 | Common Stock | 135,000 | \$0 | 135,000 | 0 | D | |

Explanation of Responses:

1. The stock option vests and becomes exercisable as to 2.08333% of the shares of Common Stock on each monthly anniversary of January 20, 2022.

/s/ Gary J. Simon, Attorney-in-

<u>Fact</u>

01/24/2022

** 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.