
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Neuphoria Therapeutics Inc.

(Name of Issuer)

Common Stock, \$0.00001 par value per share

(Title of Class of Securities)

64136E102

(CUSIP Number)

10/27/2025

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)
-

SCHEDULE 13G

CUSIP No. 64136E102

Names of Reporting Persons

1

Baselake Partners, LP

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Number of Shares 5 Sole Voting Power

Beneficially 0.00
Owned by Shared Voting Power
Each 6
Reporting 222,222.00
Person
With: Sole Dispositive Power
7
0.00
Shared Dispositive
8 Power
222,222.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person
222,222.00
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
10
Percent of class represented by amount in row (9)
11 9.4 %
Type of Reporting Person (See Instructions)
12 PN

Comment for Type of Reporting Person: Please see note in Item 4(a)

SCHEDULE 13G

CUSIP No. 64136E102

Names of Reporting Persons
1 Baselake Management, LLC
Check the appropriate box if a member of a Group (see instructions)
2 (a)
 (b)
3 Sec Use Only
Citizenship or Place of Organization
4 DELAWARE
Sole Voting Power
5 0.00
Number of Shares Beneficially Owned by Each Reporting Person With:
6 Shared Voting Power
222,222.00
Sole Dispositive Power
7 0.00
Shared Dispositive
8 Power
222,222.00
9 Aggregate Amount Beneficially Owned by Each Reporting Person
222,222.00
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
10

11 Percent of class represented by amount in row (9)

9.4 %

Type of Reporting Person (See Instructions)

12

IA, OO

Comment for Type of Reporting Person: Please see note in Item 4(a)

SCHEDULE 13G

CUSIP No. 64136E102

Names of Reporting Persons

1

David Paoella

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

UNITED STATES

Sole Voting Power

5

0.00

Number of
Shares
Beneficially
Owned by
Each
Reporting
Person
With:

Shared Voting Power

6

222,222.00

Sole Dispositive Power

7

0.00

Shared Dispositive

8

Power

222,222.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

222,222.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

9.4 %

Type of Reporting Person (See Instructions)

12

HC, IN

Comment for Type of Reporting Person: Please see note in Item 4(a)

SCHEDULE 13G

Item 1.

Name of issuer:

(a)

Neuphoria Therapeutics Inc.

(b) Address of issuer's principal executive offices:

100 Summit Drive Burlington, Massachusetts 01803

Item 2.

Name of person filing:

(a) Baselake Partners, LP* Baselake Management, LLC* David Paolella*

Address or principal business office or, if none, residence:

(b) 3155 W. Big Beaver Road, Suite 207, Troy, Michigan 48084

Citizenship:

(c) Baselake Partners, LP - Delaware Baselake Management, LLC - Delaware David Paolella - United States of America

Title of class of securities:

(d) Common Stock, \$0.00001 par value per share

CUSIP No.:

(e) 64136E102

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

Baselake Partners, LP - 222,222* Baselake Management, LLC - 222,222* David Paolella - 222,222* The Common Stock (the "Shares") reported as of the filing date are held by Baselake Partners, LP (the "Fund"). Baselake Management, LLC serves as the investment manager to the Fund (the "Investment Manager"). David Paolella serves as the managing member of the Investment Manager (the "Managing Member," and collectively with the Fund and the Investment Manager, the "Reporting Persons"). By virtue of these relationships, the Reporting Persons may be deemed to have shared voting and dispositive power with respect to the Shares owned directly by the Fund. The percentages reported herein are calculated based upon a statement in the Issuer's 10-K, indicating that there are 2,357,613 Shares issued and outstanding as of September 29, 2025. This report shall not be deemed an admission that the Reporting Persons are beneficial owners of the Shares for purposes of Section 13 of the Securities Exchange Act of 1934, as amended, or for any other purpose. Each of the Reporting Persons disclaims beneficial ownership of the Shares reported herein except to the extent of the Reporting Persons pecuniary interest therein.

Percent of class:

(b) Baselake Partners, LP - 9.4%* Baselake Management, LLC - 9.4%* David Paolella - 9.4%* %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

Baselake Partners, LP - 0 Baselake Management, LLC - 0 David Paolella - 0

(ii) Shared power to vote or to direct the vote:

Baselake Partners, LP - 222,222* Baselake Management, LLC - 222,222* David Paolella - 222,222*

(iii) Sole power to dispose or to direct the disposition of:

Baselake Partners, LP - 0 Baselake Management, LLC - 0 David Paolella - 0

(iv) Shared power to dispose or to direct the disposition of:

Baselake Partners, LP - 222,222* Baselake Management, LLC - 222,222* David Paolella - 222,222*

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Baselake Partners, LP

Signature: /s/ David Paolella

Name/Title: David Paolella, Managing Member of Baselake Management, LLC, its investment manager

Date: 10/31/2025

Baselake Management, LLC

Signature: /s/ David Paolella

Name/Title: David Paolella, Managing Member

Date: 10/31/2025

David Paolella

Signature: /s/ David Paolella

Name/Title: Individually

Date: 10/31/2025

Exhibit Information

Exhibit I - JOINT FILING STATEMENT

JOINT FILING STATEMENT
PURSUANT TO RULE 13D-1(K)(1)

The undersigned hereby consent and agree to the joint filing of Schedule 13G under the Securities Exchange Act of 1934, as amended, with respect to the Shares of Neuphoria Therapeutics Inc. together with any or all amendments thereto, when and if required. The parties hereto further consent and agree to file this Joint Filing Statement pursuant to Rule 13d-1(k)(1)(iii) as an exhibit to Schedule 13G, thereby incorporating the same into such Schedule 13G.

This Joint Filing Statement may be terminated by any of the undersigned upon written notice or such lesser period of notice as the undersigned may mutually agree.

Dated: October 31, 2025

Baselake Partners, LP

By: /s/ David Paolella
David Paolella, Managing Member of Baselake Management, LLC, its investment manager

Baselake Management, LLC

By: /s/ David Paolella
David Paolella, Managing Member

David Paolella

By: /s/ David Paolella
Individually
