

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

☐ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

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

| OMB APPROVAL                                 |           |
|----------------------------------------------|-----------|
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|                                                                                                                                                                                                                                                                           |                                                                                             |                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person*<br><u>Xu Cong Claire</u><br><br>(Last) (First) (Middle)<br><u>C/O NOVABRIDGE BIOSCIENCES</u><br><u>2440 RESEARCH BOULEVARD, SUITE 400</u><br><br>(Street)<br><u>ROCKVILLE</u> <u>MD</u> <u>20850</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>NovaBridge Biosciences</u> [ <u>NBP</u> ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>SVP, Clinical Development</u> |
|                                                                                                                                                                                                                                                                           | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>07/04/2026</u>                       |                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                           |                                                                                             | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person                                            |

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 (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |                       | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-------------------------------------------------------------------|------------|-----------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
|                                 |                                      |                                                    | Code                           | V | Amount                                                            | (A) or (D) | Price                 |                                                                                               |                                                          |                                                       |
| Ordinary Shares <sup>(1)</sup>  | 07/04/2026                           |                                                    | M                              |   | 12,432 <sup>(2)</sup>                                             | A          | <sup>(3)</sup>        | 302,586 <sup>(4)</sup>                                                                        | D                                                        |                                                       |
| Ordinary Shares <sup>(1)</sup>  | 07/06/2026                           |                                                    | S                              |   | 4,485 <sup>(5)</sup>                                              | D          | \$0.89 <sup>(6)</sup> | 298,101 <sup>(7)</sup>                                                                        | D                                                        |                                                       |

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) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|----------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V | (A)                                                                                    | (D)                  | Date Exercisable                                         | Expiration Date | Title                                                                             | Amount or Number of Shares |                                            |                                                                                                    |                                                           |                                                        |
| Restricted Share Units                     | <sup>(3)</sup>                                         | 07/04/2026                           |                                                    | M                              |   |                                                                                        | 5,405 <sup>(8)</sup> | <sup>(9)</sup>                                           | <sup>(9)</sup>  | Ordinary Shares <sup>(1)</sup>                                                    | 5,405 <sup>(8)</sup>       | \$0                                        | 0 <sup>(8)</sup>                                                                                   | D                                                         |                                                        |

Explanation of Responses:

1. The Ordinary Shares may be represented by American Depositary Shares ("ADS"). Each 10 ADSs represent 23 Ordinary Shares of the Issuer.
2. Reported securities are represented by 5,405 ADSs.
3. Each restricted stock unit ("RSU") represents a contingent right to receive one ADS.
4. Reported securities are represented by 131,559 ADSs.
5. Reported securities are represented by 1,950 ADSs.
6. Reported sales price represents the converted sales price of the ADSs of \$2.04.
7. Reported securities are represented by 129,609 ADSs.
8. Reported securities represent ADSs.
9. Fully vested.

/s/ Kyler Lei as attorney-in-fact 07/07/2026

\*\* 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.