

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).

☐ 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

|                                                                                                                                                                                                                                                                           |                                                                                                                        |                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person *<br><u>Garcia Marino</u><br><br>(Last) (First) (Middle)<br><u>AGOMAB THERAPEUTICS NV</u><br><u>POSTHOFLEI 1/6</u><br><br>(Street)<br><u>ANTWERPEN</u> <u>2600</u><br><br>(City) (State) (Zip)<br><u>BELGIUM</u><br><br>(Country) | 2. Issuer Name and Ticker or Trading Symbol<br><u>AgomAb Therapeutics NV</u> [ <u>AGMB</u> ]<br>Foreign Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|                                                                                                                                                                                                                                                                           | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>09/11/2026</u>                                                  |                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                           | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                                               | 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 |                                                                                               |                                                          |                                                       |

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 |                                            |                                                                                                    |                                                           |                                                        |
| <u>Stock Option (Right to Buy)</u>         | <u>\$13.94<sup>(1)</sup></u>                           | <u>09/11/2026</u>                    |                                                    | <u>A</u>                       |   | <u>57,482</u>                                                                          |     | <u>(2)</u>                                               | <u>01/15/2036</u> | <u>Common shares<sup>(3)</sup></u>                                                | <u>57,482</u>              | <u>\$0.00</u>                              | <u>57,482</u>                                                                                      | <u>D</u>                                                  |                                                        |

Explanation of Responses:

1. The common shares may be represented by American Depositary Shares, each of which currently represents one common share.
2. The exercise price is reported in U.S. dollars and reflects the conversion from EUR to USD at an exchange rate of \$1.1616 per EUR 1.00 as of September 10, 2026.
3. 33% of the shares underlying this option shall vest on September 11, 2027, with the remainder vesting in twenty-four equal monthly installments thereafter, subject to the Reporting Person's continued service on each such vesting date.

/s/ Ellen Lefever, Attorney-in-Fact 09/15/2026

\*\* 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.