

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No. 1)*

LARIMAR THERAPEUTICS, INC.

(Name of Issuer)

Common Stock, par value \$.001 per share

(Title of Class of Securities)

517125100

(CUSIP Number)

03/31/2025

(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. 517125100

	Names of Reporting Persons
1	THE GOLDMAN SACHS GROUP, INC. 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:		Shared Voting Power
	6	2,600,210.85
		Sole Dispositive Power
	7	0.00
		Shared Dispositive Power
8		2,600,210.85
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		2,600,210.85
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
		☐
11	Percent of class represented by amount in row (9)	
		4.1 %
12	Type of Reporting Person (See Instructions)	
		HC, CO

SCHEDULE 13G

CUSIP No. 517125100

1	Names of Reporting Persons	
	GOLDMAN SACHS & CO. LLC	
	Check the appropriate box if a member of a Group (see instructions)	
2	☐	(a)
	☐	(b)
3	Sec Use Only	
4	Citizenship or Place of Organization	
	NEW YORK	
		Sole Voting Power
5		0.00
Number of Shares Beneficially Owned by Each Reporting Person With:		Shared Voting Power
	6	2,600,210.85
		Sole Dispositive Power
	7	0.00
		Shared Dispositive Power
8		2,600,210.85
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		2,600,210.85
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
		☐

11 Percent of class represented by amount in row (9)
4.1 %
Type of Reporting Person (See Instructions)
12 BD, OO, IA

SCHEDULE 13G

Item 1.

Name of issuer:

(a) LARIMAR THERAPEUTICS, INC.

Address of issuer's principal executive offices:

(b) THREE BALA PLAZA EAST,SUITE 506, BALA CYNWYD,X1,19004

Item 2.

Name of person filing:

(a) THE GOLDMAN SACHS GROUP, INC.| GOLDMAN SACHS & CO. LLC

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

(b) The Goldman Sachs Group, Inc. 200 West Street New York, NY 10282| Goldman Sachs & Co. LLC 200 West Street New York, NY 10282

Citizenship:

(c) THE GOLDMAN SACHS GROUP, INC. - Delaware| GOLDMAN SACHS & CO. LLC - New York

Title of class of securities:

(d) Common Stock, par value \$.001 per share

CUSIP No.:

(e) 517125100

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:

(a) See the response(s) to Item 9 on the attached cover page(s).

Percent of class:

(b) See the response(s)to Item 11 on the attached cover page(s). %

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

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

See the response(s) to Item 5 on the attached cover page(s).

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

See the response(s) to Item 6 on the attached cover page(s).

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

See the response(s) to Item 7 on the attached cover page(s).

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

See the response(s) to Item 8 on the attached cover page(s).

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

☒ 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.

If a parent holding company has filed this schedule, pursuant to Rule 13d-1(b)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

See Exhibit (99.2)

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 acquired and are held in the ordinary course of business and 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.

THE GOLDMAN SACHS GROUP, INC.

Signature: Name: Sam Prashanth

Name/Title: Attorney-in-fact

Date: 04/02/2025

GOLDMAN SACHS & CO. LLC

Signature: Name: Sam Prashanth

Name/Title: Attorney-in-fact

Date: 04/02/2025

Exhibit Information

EXHIBIT (99.1) JOINT FILING AGREEMENT In accordance with Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, the undersigned agree to the joint filing of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Common Stock, par value \$.001 per share, of LARIMAR THERAPEUTICS, INC. and further agree to the filing of this agreement as an Exhibit thereto. In addition, each party to this Agreement expressly authorizes each other party to this Agreement to file on its behalf any and all amendments to such Statement on Schedule 13G. Date: 04/02/2025 THE GOLDMAN SACHS GROUP, INC. By:/s/ Sam Prashanth ----- Name: Sam

Prashanth Title: Attorney-in-fact GOLDMAN SACHS & CO. LLC By:/s/ Sam Prashanth -----
Name: Sam Prashanth Title: Attorney-in-fact EXHIBIT (99.2) ITEM 7 INFORMATION The securities being reported on by
The Goldman Sachs Group, Inc. ("GS Group"), as a parent holding company, are owned, or may be deemed to be beneficially
owned, by Goldman Sachs & Co. LLC ("Goldman Sachs"), a broker or dealer registered under Section 15 of the Act and an
investment adviser registered under Section 203 of the Investment Advisers Act of 1940. Goldman Sachs is a subsidiary of GS
Group.

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that THE GOLDMAN SACHS GROUP, INC. (the "Company") does hereby make, constitute and appoint Papa Lette, Akash Keshari, Regina Chan, Andrzej Szyszka, Ameen Soetan, Rahail Patel, Santosh Vinayagamoorthy, Sadhiya Raffique, Matthew Pomfret, Abhishek Vishwanathan, Mariana Audeves, Veronica Mupazviriwo, Elizabeth Novak and Sam Prashanth, acting individually, its true and lawful attorney, to execute and deliver in its name and on its behalf, whether the Company is acting individually or as representative of others, any and all filings required to be made by the Company pursuant to Rule 13f-1or Regulation 13D-G under the Securities Exchange Act of 1934, (as amended, the "Act"), which may be required of the Company with respect to securities which may be deemed to be beneficially owned by the Company under the Act, giving and granting unto each said Attorney-in-fact power and authority to act in the premises as fully and to all intents and purposes as the Company might or could do if personally present by one of its authorized signatories, hereby ratifying and confirming all that said Attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

THIS POWER OF ATTORNEY shall remain in full force and effect until July 29, 2025 unless earlier revoked by written instrument, or in the event an Attorney-in-fact ceases to be an employee of The Goldman Sachs Group, Inc. or one of its affiliates or ceases to perform the function in connection with which he or she was appointed Attorney-in-fact prior to July 29, 2025, this Power of Attorney shall cease to have effect in relation to such Attorney-in-fact upon such cessation but shall continue in full force and effect in relation to the remaining Attorneys-in-fact. The Company has the unrestricted right unilaterally to revoke the Power of Attorney.

This Power of Attorney shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to rules of conflicts of law.

This Power of Attorney supersedes the Power of Attorney granted by the Company to Abhishek V, Kateryna Osmachko, Ameen Soetan, Kshama Mishra, Papa Lette, Sunaina Kapoor, and Andrzej Szyszka on February 9, 2024.

IN WITNESS WHEREOF, the undersigned has duly subscribed these presents as of July 29, 2024.

GOLDMAN SACHS & CO. LLC

By: /s/ Richard A. Friedman

Name: Richard A. Friedman
Title: Assistant Secretary

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that GOLDMAN SACHS & CO. LLC (the "Company") does hereby make, constitute and appoint each Papa Lette, Akash Keshari, Regina Chan, Andrzej Szyszka, Ameen Soetan, Rahail Patel, Santosh Vinayagamoorthy, Sadhiya Raffique, Matthew Pomfret, Abhishek Vishwanathan, Mariana Audeves Martinez, Veronica Mupazviriwo, Elizabeth Novak and Sam Prashanth, acting individually, its true and lawful attorney, to execute and deliver in its name and on its behalf, whether the Company is acting individually or as representative of others, any and all filings required to be made by the Company pursuant to Rule 13f-1or Regulation 13D-G under the Securities Exchange Act of 1934, (as amended, the "Act"), which may be required of the Company with respect to securities which may be deemed to be beneficially owned by the Company under the Act, giving and granting unto each said Attorney-in-fact power and authority to act in the premises as fully and to all intents and purposes as the Company might or could do if personally present by one of its authorized signatories, hereby ratifying and confirming

all that said Attorney-in-fact shall lawfully do or cause to be done by virtue hereof.

THIS POWER OF ATTORNEY shall remain in full force and effect until October 1,2025 unless earlier revoked by written instrument, or in the event an Attorney-in-fact ceases to be an employee of The Goldman Sachs Group, Inc. or one of its affiliates or ceases to perform the function in connection with which he or she was appointed Attorney-in-fact prior to October 1,2025 this Power of Attorney shall cease to have effect in relation to such Attorney-in-fact upon such cessation but shall continue in full force and effect in relation to the remaining Attorneys-in-fact. The Company has the unrestricted right unilaterally to revoke the Power of Attorney.

This Power of Attorney shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to rules of conflicts of law.

This Power of Attorney supersedes the Power of Attorney granted by the Company to Abhishek V, Kateryna Osmachko, Ameen Soetan, Kshama Mishra, Papa Lette, Sunaina Kapoor, and Andrzej Szyszka on December 1, 2023.

IN WITNESS WHEREOF, the undersigned has duly subscribed these presents as of October 1,2024.

GOLDMAN SACHS & CO. LLC

By: /s/ Milton Millman

Name: Milton Millman
Title: Managing Director