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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549**

**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934**  
(Amendment No. 3)\*

**SI-BONE, Inc.**

(Name of Issuer)

**Common Stock, par value \$0.0001 per share**

(Title of Class of Securities)

**825704109**

(CUSIP Number)

**September 30, 2024**

(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)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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|--|--|---|
| 1  | NAME OF REPORTING PERSONS<br>OrbiMed Capital LLC   |   |
| 2  | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP<br>(a) <input type="checkbox"/><br>(b) <input type="checkbox"/> |   |
| 3  | SEC USE ONLY   |   |
| 4  | CITIZENSHIP OR PLACE OF ORGANIZATION<br>Delaware   |   |
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON<br>WITH | 5  | SOLE VOTING POWER<br>3,249,500 (1)      |
|  | 6  | SHARED VOTING POWER<br>0                |
|  | 7  | SOLE DISPOSITIVE POWER<br>3,249,500 (1) |
|  | 8  | SHARED DISPOSITIVE POWER<br>0           |
| 9  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON<br>3,249,500 (1)                                    |   |
| 10   | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>                        |   |
| 11   | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)<br>7.8%  |   |
| 12   | TYPE OF REPORTING PERSON<br>IA   |   |

(1) Includes 280,000 shares of common stock, par value \$0.0001 per share, of SI-BONE, Inc. that may be acquired upon the exercise of presently exercisable options.

|  |  |   |
|--|--|---|
| 1  | NAME OF REPORTING PERSONS<br>OrbiMed Advisors LLC  |   |
| 2  | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP<br>(a) <input type="checkbox"/><br>(b) <input type="checkbox"/> |   |
| 3  | SEC USE ONLY   |   |
| 4  | CITIZENSHIP OR PLACE OF ORGANIZATION<br>Delaware   |   |
| NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON<br>WITH | 5  | SOLE VOTING POWER<br>0                  |
|  | 6  | SHARED VOTING POWER<br>556,301 (1)      |
|  | 7  | SOLE DISPOSITIVE POWER<br>0             |
|  | 8  | SHARED DISPOSITIVE POWER<br>556,301 (1) |
| 9  | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON<br>556,301 (1)                                      |   |
| 10   | CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>                        |   |
| 11   | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)<br>1.3%  |   |
| 12   | TYPE OF REPORTING PERSON<br>IA   |   |

(1) Includes 220,000 shares of common stock, par value \$0.0001 per share, of SI-BONE, Inc. that may be acquired upon the exercise of presently exercisable options.

**Item 1. (a) Name of Issuer:**

SI-BONE, Inc.

**(b) Address of Issuer's Principal Executive Offices:**

471 El Camino Real  
Suite 101  
Santa Clara, CA 95050

**Item 2. (a) Name of Person Filing:**

OrbiMed Capital LLC  
OrbiMed Advisors LLC

**(b) Address of Principal Business Office:**

601 Lexington Avenue, 54th Floor  
New York, NY 10022

**(c) Citizenship:**

Please refer to Item 4 on each cover page for each Reporting Person.

**(d) Title of Class of Securities:**

Common Stock, par value \$0.0001 per share

**(e) CUSIP No.:**

825704109

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**Item 3.**

OrbiMed Advisors LLC (“Advisors”) and OrbiMed Capital LLC (“Capital”) are investment advisors in accordance with ss.240.13d-1(b)(1)(ii) (E).

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**Item 4. Ownership:**

Information with respect to the Reporting Person's ownership as of September 30, 2024 is incorporated by reference to items (5) - (9) and (11) of the cover page for the Reporting Person.

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

If this statement is being filed to report the fact that as of the date hereof the Reporting Person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [ ].

**Item 6. Ownership of More Than Five Percent on Behalf of Another Person.**

The Reporting Persons hold 9.1% of the shares of Common Stock in the aggregate on behalf of other persons who have the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, such securities. Advisors and Capital exercise investment and voting power over the shares of Common Stock through a management committee comprised of Carl L. Gordon, Sven H. Borho, and W. Carter Neild, each of whom disclaims beneficial ownership of the shares of Common Stock reported herein.

**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. Certification.**

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.

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**SIGNATURES**

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.

Dated: November 14, 2024

**OrbiMed Advisors LLC**

By: /s/ Carl L. Gordon

Name: Carl L. Gordon

Title: Member

**OrbiMed Capital LLC**

By: /s/ Carl L. Gordon

Name: Carl L. Gordon

Title: Member

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**EXHIBIT A  
JOINT FILING AGREEMENT**

The undersigned hereby agree that this Amendment No. 3 to the Statement on Schedule 13G, dated September 30, 2024 (this "Schedule 13G"), with respect to the Common Stock, \$0.0001 par value per share, of SI-BONE, Inc. is filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that this Joint Filing Agreement shall be included as an Exhibit to this Schedule 13G. Each of the undersigned agrees to be responsible for the timely filing of this Schedule 13G and for the completeness and accuracy of the information concerning itself contained therein. This Joint Filing Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Joint Filing Agreement as of November 14, 2024.

**OrbiMed Advisors LLC**

By: /s/ Carl L. Gordon

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Name: Carl L. Gordon

Title: Member

**OrbiMed Capital LLC**

By: /s/ Carl L. Gordon

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Name: Carl L. Gordon

Title: Member

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