

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Bone Biologics Corporation

(Name of Issuer)

Common stock, par value \$0.001 per share

(Title of Class of Securities)

098070600

(CUSIP Number)

06/27/2025

(Date of Event Which Requires Filing of this Statement)

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

☐Checkbox not checked Rule 13d-1(b)

☒Checkbox checked Rule 13d-1(c)

☐Checkbox not checked Rule 13d-1(d)

SCHEDULE 13G

CUSIP No. 098070600

1	<div>Names of Reporting Persons</div> <div>Mitchell P. Kopin</div>
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2	Check the appropriate box if a member of a Group (see instructions)	
	<input type="checkbox"/> Checkbox not checked (a) <input type="checkbox"/> Checkbox not checked (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization UNITED STATES	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 153,219.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 142,119.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 153,219.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/> Checkbox not checked	
11	Percent of class represented by amount in row (9) 9.99 %	
12	Type of Reporting Person (See Instructions) HC, IN	

SCHEDULE 13G

CUSIP No. 098070600

1	Names of Reporting Persons Daniel B. Asher
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> Checkbox not checked (a) <input type="checkbox"/> Checkbox not checked (b)
3	Sec Use Only
4	Citizenship or Place of Organization UNITED STATES

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power	0.00
	6	Shared Voting Power	153,219.00
		Sole Dispositive Power	0.00
	8	Shared Dispositive Power	142,119.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person		
	153,219.00		
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)		
	Checkbox not checked		
11	Percent of class represented by amount in row (9)		
	9.99 %		
12	Type of Reporting Person (See Instructions)		
	HC, IN		

SCHEDULE 13G

CUSIP No. 098070600

1	Names of Reporting Persons	
	Intracoastal Capital LLC	
2	Check the appropriate box if a member of a Group (see instructions)	
	Checkbox not checked (a)	
	Checkbox not checked (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization	
	DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power
	6	Shared Voting Power
		153,219.00
7	Sole Dispositive Power	

	0.00
	Shared Dispositive Power
8	142,119.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 153,219.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) Checkbox not checked
11	Percent of class represented by amount in row (9) 9.99 %
12	Type of Reporting Person (See Instructions) OO

SCHEDULE 13G

Item 1.

Name of issuer:

(a)

Bone Biologics Corporation

Address of issuer's principal executive offices:

(b)

2 Burlington Woods Drive, Ste. 100, Burlington, MA 01803

Item 2.

Name of person filing:

(a)

This Schedule 13G is being filed on behalf of (i) Mitchell P. Kopin, an individual ("Mr. Kopin"), (ii) Daniel B. Asher, an individual ("Mr. Asher") and (iii) Intracoastal Capital LLC, a Delaware limited liability company ("Intracoastal" and together with Mr. Kopin and Mr. Asher, collectively the "Reporting Persons").

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

(b)

The principal business office of Mr. Kopin and Intracoastal is 245 Palm Trail, Delray Beach, Florida 33483. The principal business office of Mr. Asher is 1011 Lake Street, Suite 311, Oak Park, Illinois 60301.

Citizenship:

(c)

Mr. Kopin is a citizen of the United States of America. Mr. Asher is a citizen of the United States of America. Intracoastal is a Delaware limited liability company.

Title of class of securities:

(d)

Common stock, par value \$0.001 per share

CUSIP No.:

(e)

098070600










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)

Checkbox not checked Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b)

Checkbox not checked Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

- (c)  **Checkbox not checked** Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d)  **Checkbox not checked** Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e)  **Checkbox not checked** An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f)  **Checkbox not checked** An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g)  **Checkbox not checked** A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h)  **Checkbox not checked** A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  **Checkbox not checked** 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)  **Checkbox not checked** 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)  **Checkbox not checked** Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

(i) Immediately following the execution of the Securities Purchase Agreement with the Issuer on June 27, 2025 (the "SPA") (as disclosed in the Form 8-K filed by the Issuer with the Securities and Exchange Commission on June 30, 2025), each of the Reporting Persons may have been deemed to have beneficial ownership of 60,517 shares of Common Stock, which consisted of (i) 60,000 shares of Common Stock to be issued to Intracoastal at the closing of the transaction contemplated by the SPA and (ii) 517 shares of Common Stock issuable upon exercise of a warrant to be issued to Intracoastal at the closing of the transaction contemplated by the SPA ("Intracoastal Warrant 1"), and all such shares of Common Stock represent beneficial ownership of approximately 9.99% of the Common Stock, based on (1) 545,260 shares of Common Stock outstanding as of June 20, 2025, as reported by the Issuer, plus (2) 60,000 shares of Common Stock to be issued to Intracoastal at the closing of the transaction contemplated by the SPA and (3) 517 shares of Common Stock issuable upon exercise of Intracoastal Warrant 1. The foregoing excludes (I) 189,483 shares of Common Stock issuable upon exercise of Intracoastal Warrant 1 because Intracoastal Warrant 1 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 1 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 9.99% of the Common Stock, (II) 250,000 shares of Common Stock issuable upon exercise of a second warrant to be issued to Intracoastal at the closing of the transaction contemplated by the SPA ("Intracoastal Warrant 2") because Intracoastal Warrant 2 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 2 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 9.99% of the Common Stock, (III) 250,000 shares of Common Stock issuable upon exercise of a third warrant to be issued to Intracoastal at the closing of the transaction contemplated by the SPA ("Intracoastal Warrant 3") because Intracoastal Warrant 3 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 3 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 9.99% of the Common Stock, (IV) 5 shares of Common Stock issuable upon exercise of a warrant held by Intracoastal ("Intracoastal Warrant 4") because Intracoastal Warrant 4 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 4 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock, (V) 6,185 shares of Common Stock issuable upon exercise of a second warrant held by Intracoastal ("Intracoastal Warrant 5") because Intracoastal Warrant 5 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 5 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof,

together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock, (VI) 32,552 shares of Common Stock issuable upon exercise of a third warrant held by Intracoastal ("Intracoastal Warrant 6") because Intracoastal Warrant 6 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 6 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock and (VII) 32,552 shares of Common Stock issuable upon exercise of a fourth warrant held by Intracoastal ("Intracoastal Warrant 7") because Intracoastal Warrant 7 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 7 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock. Without such blocker provisions, each of the Reporting Persons may have been deemed to have beneficial ownership of 821,294 shares of Common Stock.

(ii) As of the close of business on July 3, 2025, each of the Reporting Persons may have been deemed to have beneficial ownership of 153,219 shares of Common Stock, which consisted of (i) 148,500 shares of Common Stock held by Intracoastal and (ii) 4,791 shares of Common Stock issuable upon exercise of Intracoastal Warrant 2, and all such shares of Common Stock represent beneficial ownership of approximately 9.99% of the Common Stock, based on (1) 545,260 shares of Common Stock outstanding as of June 20, 2025, as reported by the Issuer, plus (2) 793,750 shares of Common Stock issued at the closing of the transaction contemplated by the SPA, (3) 190,000 shares of Common Stock issued to Intracoastal upon exercise of Intracoastal Warrant 1 and (4) 4,791 shares of Common Stock issuable upon exercise of Intracoastal Warrant 2. The foregoing excludes (I) 245,281 shares of Common Stock issuable upon exercise of Intracoastal Warrant 2 because Intracoastal Warrant 2 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 2 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 9.99% of the Common Stock, (II) 250,000 shares of Common Stock issuable upon exercise of Intracoastal Warrant 3 because Intracoastal Warrant 3 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 3 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 9.99% of the Common Stock, (III) 5 shares of Common Stock issuable upon exercise of Intracoastal Warrant 4 because Intracoastal Warrant 4 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 4 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock, (IV) 6,185 shares of Common Stock issuable upon exercise of Intracoastal Warrant 5 because Intracoastal Warrant 5 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 5 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock, (V) 32,552 shares of Common Stock issuable upon exercise of Intracoastal Warrant 6 because Intracoastal Warrant 6 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 6 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock and (VI) 32,552 shares of Common Stock issuable upon exercise of Intracoastal Warrant 7 because Intracoastal Warrant 7 contains a blocker provision under which the holder thereof does not have the right to exercise Intracoastal Warrant 7 to the extent (but only to the extent) that such exercise would result in beneficial ownership by the holder thereof, together with the holder's affiliates, and any other persons acting as a group together with the holder or any of the holder's affiliates, of more than 4.99% of the Common Stock. Without such blocker provisions, each of the Reporting Persons may have been deemed to have beneficial ownership of 719,794 shares of Common Stock.

Percent of class:

(b)

9.99%

(c)

Number of shares as to which the person has:

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

0

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

153,219

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

0

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

142,119

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.

Mitchell P. Kopin

Signature: /s/ Mitchell P. Kopin

Name/Title: Mitchell P. Kopin

Date: 07/03/2025

Daniel B. Asher

Signature: /s/ Daniel B. Asher

Name/Title: Daniel B. Asher

Date: 07/03/2025

Intracoastal Capital LLC

Signature: /s/ Mitchell P. Kopin

Name/Title: Mitchell P. Kopin, Manager

Date: 07/03/2025

Exhibit Information

Exhibit 1 - Joint Filing Agreement