BOSTON SCIENTIFIC CORP Form SC 13G/A August 15, 2005

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 1)(1)

Corautus Genetics Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title or Class of Securities)

218139 20 2

(CUSIP Number)

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

- [\_] Rule 13d-1(b)
  [X] Rule 13d-1(c)
  [\_] Rule 13d-1(d)
- \_\_\_\_\_

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).

<sup>(1)</sup> 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.

1	NAMES OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)							
	Boston Scientific Corporation							
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)							
	N/A	(a) [_] N/A (b) [_]						
3	SEC USE ONLY	SEC USE ONLY						
4	CITIZENSHIP	OR PLACE	OF ORGANIZATION					
	The State of Delaware							
		5	SOLE VOTING POWER					
			3,525,603 (*)					
	NUMBER OF SHARES	6	SHARED VOTING POWER					
	BENEFICIALLY OWNED BY		0					
	EACH REPORTING PERSON WITH	7	SOLE DISPOSITIVE POWER					
			3,525,603 (*)					
		8	SHARED DISPOSITIVE POWER					
			0					
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON							
	3,525,603 (*	3,525,603 (*)						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [_]							
	N/A	N/A						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
	16.8% (*)	16.8% (*)						
12	TYPE OF REPO	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)						
	CO	СО						

(\*) See Item 4

ITEM 1(A).	NAME	NAME OF ISSUER:				
	Cora	utus	Genetics Inc.			
ITEM 1(B).	ADDRI	ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:				
	655 1	Nancy	Ridge Drive, San Diego, CA 92121			
ITEM 2(A).	NAME	NAME OF PERSON FILING:				
	Bosto	on Sc	ientific Corporation			
ITEM 2(B).	ADDRI	ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:				
	One I	Bosto:	n Scientific Place, Natick, MA 01760-1537			
ITEM 2(C).	CITI	ZENSH	IP:			
	The S	State	of Delaware			
ITEM 2(D).	TITLE OF CLASS OF SECURITIES:					
	Commo	on St	ock, par value \$0.001 per share			
ITEM 2(E).	CUSI	CUSIP NUMBER:				
	21813	39 20	2			
ITEM 3.			TATEMENT IS FILED PURSUANT TO RULES 13D-1(B), CHECK WHETHER THE PERSON FILING IS A:	OR		
	(a)	[_]	Broker or dealer registered under section 15 (15 U.S.C. 780).	of the Act		
	(b)	[_]	Bank as defined in section $3(a)(6)$ of the Ac 78c).	et (15 U.S.C.		
	(c)	[_]	Insurance company as defined in section 3(a) Act (15 U.S.C. 78c).	(19) of the		
	(d)	[_]	Investment company registered under section Investment Company Act of 1940 (15 U.S.C 80a			
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	(e)	[_]	An investment adviser in accordance with ss.240.13d-1(b)(1)(ii)(E);			
	(f)	[_]	An employee benefit plan or endowment fund i with ss.240.13d-1(b)(1)(ii)(F);	n accordance		

- (g) [\_] A parent holding company or control person in accordance with ss. 240.13d-1(b)(1)(ii)(G);
- (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) [\_] Group, in accordance with ss.240.13d-1(b)(1)(ii)(J).

#### ITEM 4. OWNERSHIP:

- (a) Amount beneficially owned: 3,525,603 shares
- (b) Percent of class: 16.8%
- (c) Number of shares as to which such person has:
  - (i) Sole Power to vote or to direct the vote: 3,525,603 shares
  - (ii) Shared power to vote or to direct the vote: 0 shares
  - (iii) Sole power to dispose or to direct the disposition of: 3,525,603 shares
  - (iv) Shared power to dispose or to direct the disposition
     of: 0 shares

The reporting person subscribed for 2,105,264 shares of Corautus Genetics Inc.'s common stock, par value \$0.001 per share (the "Common Stock"), on June 27, 2005, pursuant to an Investment Agreement. The issuance of the shares to Boston Scientific was subject to the approval of Corautus's stockholders, which was obtained on August 11, 2005. The Common Stock represents beneficial ownership of approximately 10.7% of the class of common stock on an as-issued basis.

The reporting person subscribed for 1,385,377 shares of Corautus Genetics Inc.'s Series D Preferred Stock, par value \$0.001 per share (the "Series D Preferred Stock"), on July 20, 2003 pursuant to an Investment Agreement. Based on conversion price as of August 15, 2005, the Series D Preferred Stock is convertible into 1,420,339 shares of Corautus common stock. On an as-converted-to-common-stock basis, the Series D Preferred Stock represents beneficial ownership of approximately 7.5% of the class of common stock.

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#### 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:

  Not applicable.
- ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED

THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY: Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP:

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF A 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 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.

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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.

August 15, 2005 -----(Date)

By: /s/ Lawrence J. Knopf

Name: Lawrence J. Knopf Title: Vice President and Assistant

General Counsel