ABIOMED INC Form SC 13G/A July 08, 2005

Notes).

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

SCHEDULE 13G (RULE 13D-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13D-1(B), (C) AND (D)

AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13D-2

(AMENDMENT NO. 9)

ABIOMED, Inc.
(Name of Issuer)
Common Stock, par value \$0.01 per share
(Title of Class of Securities)
003654100
(CUSIP Number)
(Date of Event Which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to which this Schedule 13G is filed:
[_] Rule 13d-1 (b) [X] 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 could 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

CUSIP NO.	003654100		SCHEDULE 13G	PAGE 2 OF 6 PAGES			
1.	NAME OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).						
	Dr. David M. Lederman, husband of Ms. Natalie F. Lederman						
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]						
3.	SEC USE ONLY						
4.	CITIZENSHIP OR PLACE OF ORGANIZATION:						
	United States						
NUMBER		5.	SOLE VOTING POWER:				
			941,279				
		6.	SHARED VOTING POWER:				
OF SHARES BENEFICIA OWNED BY			0				
EACH		7.	SOLE DISPOSITIVE POWER:				
REPORTING PERSON WIT			941,279				
		8.	SHARED DISPOSITIVE POWER:				
			0				
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:						
	941,279						
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)						
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):						
	3.6%						
12.	TYPE OF REPORTING PERSON: (SEE INSTRUCTIONS)						
	IN =======						
			Page 2 of 6 Pages				
	003654100		SCHEDULE 13G	PAGE 3 OF 6 PAGES			
	=========						

1. NAME OF REPORTING PERSONS.

	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY).					
	Ms. Natalie F. Lederman, wife of Dr. David M. Lederman					
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]					
3.	SEC USE ONLY					
4.	CITIZENSHIP OR PLACE OF ORGANIZATION: United States					
		5.	SOLE VOTING POWER:			
			946,971			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6.	SHARED VOTING POWER:			
			0			
		7.	SOLE DISPOSITIVE POWER:			
			946,971			
		8.	SHARED DISPOSITIVE POWER:			
			0			
9.	AGGREGATE	AMOUNT BE	NEFICIALLY OWNED BY EACH REPORTING PERSON:			
	946,971					
10.	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [X]					
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):					
	3.6%					
12.	TYPE OF REPORTING PERSON: (SEE INSTRUCTIONS)					
	IN					
Page 3 of 6 Pages						
ITEM 1(A). NAME OF ISSUER: ABIOMED, Inc.						
ITEM 1(B). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES: 22 Cherry Hill Drive, Danvers, Massachusetts 01923						
Nat		NAME OF PERSON FILING: Dr. David M. Lederman, husband of Ms. Natalie F. Lederman, wife of Dr. David M. Lederman				

ADDRESS OF PRINCIPAL BUSINESS OFFICE, OR, IF NONE, RESIDENCE: TTEM 2(B). P.O. Box 426, Marblehead, Massachusetts 01945-0426 ITEM 2(C). CITIZENSHIP: United States ITEM 2(D). TITLE OF CLASS OF SECURITIES: Common Stock, par value \$0.01 per share CUSIP NO.: 003654100 ITEM 2(E). ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SS.SS. 240.13D-1(b) OR 240.13-2(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 ss.240.13d-1(b)(1)(ii)(E); (f) [_] An employee benefit plan or endowment fund in accordance with ss.240.13d-1(b)(1)(ii)(F); (g) [_] A parent holding company or control person in accordance with ss. 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) [_] Group, in accordance with ss.240.13d-1(b)(1)(ii)(J).

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ITEM 4. OWNERSHIP

- (a) Amount Beneficially Owned: Dr. Lederman owns 941,279 shares of Common Stock. Ms. Lederman owns 946,971 shares of Common Stock. Each of them disclaims beneficial ownership of the shares held by the other.
- (b) Percent of Class: Dr. Lederman 3.6%; Ms. Lederman 3.6%; Total 7.2%.

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

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

Dr. Lederman: 941,279 shares
Ms. Lederman: 946,971 shares
Total: 1,888,250 shares

(ii) Shared power to vote or direct the vote: 0

(iii) Sole power to dispose or to direct the

disposition of:

Dr. Lederman: 941,279 shares
Ms. Lederman: 946,971 shares
Total: 1,888,250 shares
(iv) shared power to dispose or to direct the

disposition of: 0

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 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 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.

/s/ David M. Lederman
David M. Lederman, Ph.D.

July 7, 2005

Date

/s/ Natalie F. Lederman
-----Natalie F. Lederman

July 7, 2005
----Date

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