BRUKER BIOSCIENCES CORP Form SC 13G/A February 10, 2004

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

Bruker BioSciences Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

116794108

(CUSIP Number)

December 31, 2003

(Date of Event Which Requires Filing of this Statement)

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

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- ý 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).

CUSIP No. 116794108

Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Joerg C. Laukien			
Check the Appropriate Box if a Member of a Group (See Instructions)			
(a)	0		
(b)	0		
SEC Use Only			
Citizenship or Place of Organization Germany			
5.		Sole Voting Power Approximately 12,262,111 shares	
6.		Shared Voting Power 0	
7.		Sole Dispositive Power Approximately 12,262,111 shares	
8.		Shared Dispositive Power 0	
Aggregate Amount Beneficially Owned by Each Reporting Person Approximately 12,262,111 shares			
Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) O			
Percent of Class Represented by Amount in Row (9) 14.3%			
Type of Reporting Person (See Instructions) IN			
	Joerg C. Laukien Check the Appropriate Box (a) (b) SEC Use Only Citizenship or Place of Orga Germany 5. 6. 7. 8. Aggregate Amount Benefic Approximately 12,262,111 Check if the Aggregate Am Percent of Class Represented 14.3% Type of Reporting Person (5)	Joerg C. Laukien Check the Appropriate Box if a Member of a Group (See (a) 0 (b) 0 SEC Use Only Citizenship or Place of Organization Germany 5. 6. 7. 8. Aggregate Amount Beneficially Owned by Each Reportin Approximately 12,262,111 shares Check if the Aggregate Amount in Row (9) Excludes Cer Percent of Class Represented by Amount in Row (9) 14.3% Type of Reporting Person (See Instructions)	

Item 1.					
	(a)	Name of Issuer			
		Bruker BioSciences Corporation			
	(b)	Address of Issuer s Principal Executive Offices			
		40 Manning Road			
		Billerica, MA 01821			
Item 2.					
Item 2.	(a)	Name of Person Filing			
	(a)	Joerg C. Laukien			
	(b)		ss Office or if none Residence		
	(0)	Address of Principal Business Office or, if none, Residence Uhlandstrasse 10 D-76275			
		Ettlingen-Bruchhausen			
		Germany			
	(c)	Citizenship			
	(0)	Germany			
	(d)	Title of Class of Securities			
	(u)	Common Stock, par value \$0.01 per share.			
	(e)	CUSIP Number			
		116794108			
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)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C.		
	(u)	0	780).		
	(b)	0	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).		
	(a)	2	Insurance company as defined in section 3(a)(19) of the Act (15		
	(c)	0	U.S.C. 78c).		
	(d)	0	Investment company registered under section 8 of the Investment		
			Company Act of 1940 (15 U.S.C 80a-8).		
	(e)	0	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);		
	(f)	0	An employee benefit plan or endowment fund in accordance with		
			§240.13d-1(b)(1)(ii)(F);		
	(g)	0	A parent holding company or control person in accordance with		
			§ 240.13d-1(b)(1)(ii)(G);		
	(h)	0	A savings associations as defined in Section 3(b) of the Federal		
			Deposit Insurance Act (12 U.S.C. 1813);		
	(i)	0	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)	0	Group, in accordance with §240.13d-1(b)(1)(ii)(J).		
Not applicable.					

Item 4. Ownership

Item 4.	Ownersnip				
Provide the fo	llowing information regar	ding the aggregate number and	percentage of the class of securities of the issuer identified in Item 1.		
	(a)	Amount beneficially owned:			
		12,262,111 shares			
	(b)	Percent of class:			
		14.3%			
	(c)	Number of shares as to which the person has:			
		(i)	Sole power to vote or to direct the vote		
			12,262,111 shares		
		(ii)	Shared power to vote or to direct the vote		
			0		
		(iii)	Sole power to dispose or to direct the disposition of		
			12,262,111 shares		
		(iv)	Shared power to dispose or to direct the disposition of		
		()	0		
Item 6.	Not applicable. Ownership of Mo	re than Five Percent on Behal	f of Another Person		
	Not applicable.				
Item 7.		Classification of the Subsidia y or Control Person	ry Which Acquired the Security Being Reported on By the Parent		
	Not applicable.				
Item 8.	Identification and	Identification and Classification of Members of the Group			
	Not applicable.				
Item 9.	Notice of Dissolut	ion of Group			
	Not applicable.				
Item 10.	Certification				

Not applicable.

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.

Dated: February 10, 2004

/s/ Joerg C. Laukien Joerg C. Laukien