UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 12, 2009

EXACT SCIENCES CORPORATION

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation)

000-32179 (Commission File Number)

02-0478229 (I.R.S. Employer Identification No.)

505 S. Rosa Road, Suite 123 Madison, WI 53719

(Address of Principal Executive Offices)(Zip Code)

Registrant's telephone number, including area code: (608) 284-5700

100 Campus Drive, Marlborough, MA 01752

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

2.02. Results of Operations and Financial Condition.

On August 12, 2009, EXACT Sciences Corporation announced its financial results for the quarter ended June 30, 2009. A copy of the press release is being furnished as Exhibit 99 to this Report on Form 8-K.

The information in this Report on Form 8-K and Exhibit 99 attached hereto is intended to be furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

9.01. Financial Statements and Exhibits.

Exhibits

The exhibits required to be filed as a part of this Current Report on Form 8-K are listed in the Exhibit Index attached hereto and incorporated herein by reference.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

EXACT SCIENCES CORPORATION

Date: August 12, 2009

By: /s/ Maneesh Arora
Maneesh Arora
Senior Vice President and Chief
Financial Officer

EXHIBIT INDEX

Exhibit No.	Exhibit Description
99	Press release, dated August 12, 2009, issued by Exact Sciences Corporation, furnished herewith.
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Contact:

Maneesh K. Arora Chief Financial Officer, Exact Sciences Corp. 608-284-5720

For Immediate Release

Exact Sciences Reports Second-Quarter 2009 Financial Results

MADISON, Wis., Aug. 12, 2009 — Exact Sciences Corp. (Nasdaq: EXAS) today announced its financial results for the second quarter ended June 30, 2009.

Exact reported total revenues of \$1.3 million for the second quarter of 2009, compared to total revenues of (\$146,000) during the same period of 2008. Total revenues increased due to the quarterly non-cash allocation that resulted from the company's January 2009, intellectual property transaction with Genzyme Corp. Total revenues for the first six months of 2009 were \$2.3 million, compared to total revenues of (\$95,000) for the same period of 2008.

Exact reported a net loss of (\$2.4) million, or (\$0.08) a share, for the second quarter of 2009. The company had a net loss of (\$2.1) million, or (\$0.08) a share, for the same period of 2008. Exact's net loss for the six-month period ended June 30, 2009, was (\$6.2) million, or (\$0.21) a share, compared to (\$4.6) million, or (\$0.17) a share, for the same period of 2008.

Operating expenses for the second quarter of 2009 were \$3.7 million, compared to \$2.0 million for the same period of 2008. Operating expenses for the quarter were higher primarily due to a \$1.7-million non-cash charge incurred because of the issuance of warrants pursuant to the June 2009 Mayo licensing agreement, as well as an increase of \$0.5 million of non-cash stock compensation expenses. Operating expenses for the first six months of 2009 were \$8.6 million, compared to \$4.7 million for the same period of 2008. Operating expenses for the six months ended June 30, 2009, were higher primarily due to the items noted above, as well as \$1.9 million in transaction costs related to the January 2009 Genzyme strategic transaction.

Exact ended the second quarter of 2009 with cash, cash equivalents and marketable securities of \$27.8 million, compared to \$4.9 million at Dec. 31, 2008. The second-quarter increase in cash was due to the company's closing of an \$8.2-million private placement of common stock to the Mayo Clinic and other investors.

"We made significant progress during the second quarter advancing our top priorities," said Kevin T. Conroy, president and chief executive of Exact Sciences. "We closed an \$8-million funding round, completed a licensing and collaboration agreement with Mayo Clinic, and hired a clinical diagnostics veteran as the company's chief scientific officer. We will continue to focus on refining our patient-friendly, molecular diagnostic colorectal cancer screening test and preparing for its clinical trial."

Conference Call & Webcast with PowerPoint Presentation

Company management will host a conference call and webcast on Wednesday, Aug. 12, 2009, at 10 a.m. ET to discuss second-quarter 2009 results. The webcast will include a PowerPoint slide presentation highlighting the company's second-quarter accomplishments and ongoing corporate activities. The webcast will be available at www.exactsciences.com. Domestic callers should dial 866-831-6234 and international callers should dial 617-213-8854. The access code for both domestic and international callers is 85065614. Please dial in five to 10 minutes prior to the start of conference call. A replay of the conference call will be available at the company's website. The conference call, webcast and replay are open to all interested parties.

About Exact Sciences Corp.

Exact Sciences Corp. is a molecular diagnostics company focused on colorectal cancer. The company has exclusive intellectual property protecting its non-invasive, molecular screening technology for the detection of colorectal cancer. Stool-based DNA technology is included in the colorectal cancer screening guidelines of the American Cancer Society and the U.S. Multi-Society Task Force on Colorectal Cancer.

Certain statements made in this press contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities and Exchange Act of 1934, as amended, that are intended to be covered by the "safe harbor" created by those sections. Forward-looking statements, which are based on certain assumptions and describe our future plans, strategies and expectations, can generally be identified by the use of forward-looking terms such as "believe," "expect," "may," "will," "should," "could," "seek," "intend," "plan," "estimate," "anticipate" or other comparable terms. Forward-looking statements in this press release may address the following subjects among others: statements regarding the sufficiency of our capital resources, expected operating losses, expected license fee revenues, expected research and development expenses, expected general and administrative expenses and our expectations concerning our business strategy. Forward-looking statements involve inherent risks and uncertainties which could cause actual results to differ materially from those in the forward-looking statements, as a result of various factors including those risks and uncertainties described in the Risk Factors and in Management's Discussion and Analysis of Financial Condition and Results of Operations sections of our most recently filed Annual Report on Form 10-K and our subsequently filed Quarterly Reports of Form 10-Q. We urge you to consider those risks and uncertainties in evaluating our forward-looking statements. We caution readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. Except as otherwise required by the federal securities laws, we disclaim any obligation or undertaking to publicly release any updates or revisions to any forward-looking statement contained herein (or elsewhere) to reflect any change in our expectations with regard thereto or any change in events, conditions or circumstances on which a

EXACT SCIENCES CORPORATION

Selected Unaudited Financial Information Condensed Consolidated Statements of Operation Data (Amounts in thousands, except per share data)

	Three Months	Three Months Ended June 30,		
	2009	2008		
Revenue:				
Product royalty fees	\$ 11	\$ (495)		
License fees	1,247	338		
Product		11		
	1,258	(146)		
Gross profit (loss):				
Product royalty fees	8	<u></u>		
	1,250	(146)		
Operating Expenses:				
Research and development	2,015	528		
General and administrative	1,638	1,495		
Sales and marketing	40	_		
Restructuring	<u> </u>	(5)		
	3,693	2,018		
Loss from operations	(2,443)	(2,164)		
Interest income	49	64		
Net loss	\$ (2,394)	\$ (2,100)		
Net loss per share - basic and diluted	\$ (0.08)	\$ (0.08)		
Weighted average common shares outstanding - basic and diluted	31,283	27,175		
Weighted average common shares outstanding - basic and diluted	31,263	27,173		

EXACT SCIENCES CORPORATION

Selected Unaudited Financial Information Condensed Consolidated Statements of Operation Data (Amounts in thousands, except per share data)

	Six Months Ended June 30,			
		2009		2008
Revenue:				
Product royalty fees	\$	18	\$	(787)
License fees		2,240		676
Product		_		16
		2,258		(95)
Gross profit (loss):				
Product royalty fees		8		1
• •		2,250		(96)
		· ·		
Operating Expenses:				
Research and development		2,123		1,387
General and administrative		6,406		3,330
Sales and marketing		40		_
Restructuring		(3)		(7)
	·	8,566		4,710
Loss from operations		(6,316)		(4,806)
Interest income		83		188
Net loss	\$	(6,233)	\$	(4,618)
				
Net loss per share - basic and diluted	\$	(0.21)	\$	(0.17)
1100 per same was ware managed			<u> </u>	
Weighted average common shares outstanding hasis and diluted		30,360		27,160
Weighted average common shares outstanding - basic and diluted		30,300		27,100

EXACT SCIENCES CORPORATION

Selected Unaudited Financial Information Condensed Consolidated Balance Sheet Data (Amounts in thousands)

	June 30, 2009		December 31, 2008	
Assets				
Unrestricted cash and cash equivalents	\$	12,288	\$	4,937
Short-term investments		15,510		_
Prepaid expenses		426		190
Property and equipment, net		118		76
Patent costs, net of accumulated amortization		_		95
Restricted cash		600		600
Total assets	\$	28,942	\$	5,898
Liabilities and stockholders' equity (deficit)				
Total current liabilities	\$	7,355	\$	5,031
Third party royalty obligation, less current portion		965		1,950
Deferred licensing fees, less current portion		13,654		1,350
Total stockholders' equity (deficit)		6,968		(2,433)
Total liabilities and stockholders' equity (deficit)	\$	28,942	\$	5,898

This selected financial information should be read in conjunction with the consolidated financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2008, and the Company's subsequent reports on Form 10-Q.