EXACT SCIENCES CORF
Form SC 13G/A
February 17, 2015

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549
SCHEDULE 13G/A
Under the Securities Exchange Act of 1934
(Amendment No. 4)*
Exact Sciences Corporation (Name of Issuer)
Common Stock
(Title of Class of Securities)
30063P105 (CUSIP Number)
December 31, 2014 (Date of Event Which Requires Filing of this Statement)

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

x Rule 13d-1(b)

o Rule 13d-1(c)

o 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).

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CUSIP No. 30063P105

IA

NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) 1 OrbiMed Advisors LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 Delaware SOLE VOTING POWER 5 NUMBER OF 0 **SHARES** SHARED VOTING POWER **BENEFICIALLY** 6 OWNED BY 824,000 **EACH REPORTING** SOLE DISPOSITIVE POWER **PERSON** 7 WITH SHARED DISPOSITIVE POWER 8 824,000 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 824,000 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES (See Instructions) 10 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11 0.93% TYPE OF REPORTING PERSON (See Instructions) 12

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2	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) OrbiMed Capital LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) o (b) o SEC USE ONLY					
CITIZENSHIP OR PLACE OF ORGANIZATION 4 Delaware						
BI	NUMBER OF SHARES ENEFICIALLY OWNED BY EACH REPORTING PERSON	5678	SOLE VOTING POWER 0 SHARED VOTING POWER 954,000 SOLE DISPOSITIVE POWER 0 SHARED DISPOSITIVE POWE 954,000	ER		
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 954,000 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES (See Instructions)					
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.08% TYPE OF REPORTING PERSON (See Instructions)					
	IA					

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NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) 1 Samuel D. Isaly CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) 2 (a) o (b) o SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 **United States** SOLE VOTING POWER 5 NUMBER OF 0 **SHARES** SHARED VOTING POWER **BENEFICIALLY** 6 OWNED BY 1,778,000 **EACH REPORTING** SOLE DISPOSITIVE POWER **PERSON** 7 WITH SHARED DISPOSITIVE POWER 8 1,778,000 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 1,778,000 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES (See Instructions) 10 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 11 2.01% TYPE OF REPORTING PERSON (See Instructions) 12 HC

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Item 1. (a) Name of Issuer:		
Exact Sciences Corporation		
	(b) Address of Issuer's Pr	incipal Executive Offices:
441 Charmany Drive		
Madison, WI 53719		
Item 2.	(a) Nan	ne of Person Filing:
OrbiMed Advisors LLC		
OrbiMed Capital LLC		
Samuel D. Isaly		
	(b) Address of Prin	cipal Business Office:
601 Lexington Avenue, 54th Flo	oor	
New York, NY 10022		
	(c)	Citizenship:
Please refer to Item 4 on each co	over sheet for each filing person.	
	(d) Title of (Class of Securities:
Common Stock		
	(e) CUSIP No.:
30063P105		

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Item 3. OrbiMed Advisors LLC and OrbiMed Capital LLC are investment advisors in accordance with ss.240.13d-1(b)(1)(ii)(E). Samuel D. Isaly is a control person in accordance with ss.240.13d-1(b)(1)(ii)(G).

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Item 4. Ownership:						
Please see Items 5 - 9 and 11 for each	n cover sheet for each filing.					
Item 5. Ownership of Five Percen	t or Less of a Class.					
Reporting persons are holding 2.01% (0.93% in the case of OrbiMed Advisors LLC and 1.08% in the case of OrbiMed Capital LLC) of the shares on behalf of other persons who have the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, such securities. No one such other person's interest in the securities whose ownership is reported here relates to more than five percent of the class.						
Item 6. Ownership of More Than	Five Percent on Behalf of A	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. Certification.						

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and 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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SIGNATURES

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 17, 2015

OrbiMed Advisors LLC

By: Samuel D. Isaly

Name: Samuel D. Isaly Title: Managing Member

OrbiMed Capital LLC

By: Samuel D. Isaly

Name: Samuel D. Isaly Title: Managing Member

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EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on this Schedule 13G/A dated February 17, 2015 (the "Schedule 13G/A"), with respect to the Common Stock, par value \$.01 per share, of Exact Sciences Corporation is filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that this Agreement shall be included as an Exhibit to this Schedule 13G/A. Each of the undersigned agrees to be responsible for the timely filing of the Schedule 13G/A, and for the completeness and accuracy of the information concerning itself contained therein. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 17, 2015.

OrbiMed Advisors LLC

By: Samuel D. Isaly

Name: Samuel D. Isaly
Title: Managing Member

OrbiMed Capital LLC

By: Samuel D. Isaly

Name: Samuel D. Isaly Title: Managing Member

The Statement on this Schedule 13G/A dated February 17, 2015 with respect to the Common Stock, par value \$.01 per share, of Exact Sciences Corporation is filed by Samuel D. Isaly in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k), respectively, as control person (HC) of OrbiMed Advisors LLC and OrbiMed Capital LLC.

OrbiMed Advisors LLC and OrbiMed Capital LLC file this statement on Schedule 13G/A in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k), respectively, as investment advisors (IA).