

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

SCHEDULE 13G

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

EXACT SCIENCES CORPORATION

(Name of Issuer)

Common Stock

(Title of Class of Securities)

30063P105
(CUSIP Number)

December 31, 2006
(Date of Event which Requires Filing
of this Statement)

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

- Rule 13d-1(b)
 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 would alter the disclosures provided in a prior cover page.

The information required on 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).

1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Sigma Capital Management, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []

(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

0

6 SHARED VOTING POWER

NUMBER OF SHARES
BENEFICIALLY OWNED
BY EACH REPORTING
PERSON WITH

0 (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

0 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

[]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0% (see Item 4)

12 TYPE OF REPORTING PERSON*

IN

*SEE INSTRUCTION BEFORE FILLING OUT

1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Sigma Capital Associates, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []

(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Anguilla, British West Indies

5 SOLE VOTING POWER

0

6 SHARED VOTING POWER

NUMBER OF SHARES
BENEFICIALLY OWNED
BY EACH REPORTING
PERSON WITH

0 (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

0 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

[]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0% (see Item 4)

12 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTION BEFORE FILLING OUT

1 NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Steven A. Cohen

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []

(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

0

6 SHARED VOTING POWER

NUMBER OF SHARES
BENEFICIALLY OWNED
BY EACH REPORTING
PERSON WITH

0 (see Item 4)

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

0 (see Item 4)

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

0 (see Item 4)

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

[]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0% (see Item 4)

12 TYPE OF REPORTING PERSON*

IN

*SEE INSTRUCTION BEFORE FILLING OUT

Item 1(a) Name of Issuer:

Exact Sciences Corporation

Item 1(b) Address of Issuer's Principal Executive Offices:

100 Campus Drive
Marlborough, Massachusetts 01752

Items 2(a) Name of Person Filing:

This statement is filed by: (i) Sigma Capital Management, LLC ("Sigma Management") with respect to shares of common stock ("Shares") of the Issuer beneficially owned by Sigma Capital Associates, LLC ("Sigma Capital Associates"); (ii) Sigma Associates with respect to Shares beneficially owned by it; and (iii) Steven A. Cohen with respect to Shares beneficially owned by Sigma Management and Sigma Associates.

Sigma Management, Sigma Capital Associates and Steven A. Cohen have entered into a Joint Filing Agreement, a copy of which is filed with this Schedule 13G as Exhibit 99.1, pursuant to which they have agreed to file this Schedule 13G jointly in accordance with the provisions of Rule 13d-1(k) of the Securities Exchange Act of 1934, as amended.

Item 2(b) Address of Principal Business Office:

The address of the principal business office of (i) Mr. Cohen is 72 Cummings Point Road, Stamford, Connecticut 06902, (ii) Sigma Management is 540 Madison Avenue, New York, New York 10022 and (iii) Sigma Capital Associates is P.O. Box 58, Victoria House, The Valley, Anguilla, British West Indies.

Item 2(c) Citizenship:

Sigma Management is a Delaware limited liability company. Sigma Capital Associates is an Anguillan limited liability company. Mr. Cohen is a United States citizen.

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(c) CUSIP Number:

30063P105

Item 3 Not Applicable

Item 4 Ownership:

As of the close of business on December 31, 2006:

1. Sigma Capital Management, LLC

(a) Amount beneficially owned: -0-

(b) Percent of class: 0%

(c)(i) Sole power to vote or direct the vote: -0-

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

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition:

-0-

2. Sigma Capital Associates, LLC

(a) Amount beneficially owned: -0-

(b) Percent of class: 0%

(c)(i) Sole power to vote or direct the vote: -0-

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

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition:

-0-

3. Steven A. Cohen

(a) Amount beneficially owned: -0-

(b) Percent of class: 0%

(c)(i) Sole power to vote or direct the vote: -0-

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

(iii) Sole power to dispose or direct the disposition: -0-

(iv) Shared power to dispose or direct the disposition:

-0-

Pursuant to an investment management agreement, Sigma Management maintains investment and voting power with respect to the securities held by Sigma Capital Associates. Mr. Cohen controls Sigma Management.

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. [X]

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 Group:

Not Applicable

Item 10 Certification:

By signing below the signatory certifies that, to the best of his 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.

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 14, 2007

SIGMA CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

SIGMA CAPITAL ASSOCIATES, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum
Title: Authorized Person

JOINT FILING AGREEMENT

The undersigned hereby agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that all subsequent amendments to this statement on Schedule 13G may be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements.

Dated: February 14, 2007

SIGMA CAPITAL MANAGEMENT, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum

Title: Authorized Person

SIGMA CAPITAL ASSOCIATES, LLC

By: /s/ Peter Nussbaum

Name: Peter Nussbaum

Title: Authorized Person

STEVEN A. COHEN

By: /s/ Peter Nussbaum

Name: Peter Nussbaum

Title: Authorized Person