

ChemoCentryx, Inc.  
Form SC 13D/A  
August 25, 2016  
UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 2)\*

CHEMOCENTRYX, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

16383L106

(CUSIP Number)

Victoria A. Whyte  
GlaxoSmithKline plc  
980 Great West Road  
Brentford, Middlesex TW8 9GS  
England  
Telephone: +44 (0)208 047 5000

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

August 9, 2016

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

\* 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 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.

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1. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
 GlaxoSmithKline plc  
 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
 (see instructions)
2. (a)  
 (b)
3. SEC USE ONLY
4. SOURCE OF FUNDS (see instructions)  
 WC
5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e)  
 CITIZENSHIP OR PLACE OF ORGANIZATION
6. England and Wales

- |   |     |                          |
|---|-----|--------------------------|
|   | 7.  | SOLE VOTING POWER        |
|   |     | 7,343,492                |
|   | 8.  | SHARED VOTING POWER      |
|   |     | -0-                      |
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH | 9.  | SOLE DISPOSITIVE POWER   |
|   |     | 7,343,492                |
|   | 10. | SHARED DISPOSITIVE POWER |
|   |     | -0-                      |

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
 7,343,492 (1)
12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions)
13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  
 15.4% (2)
- 14.

TYPE OF REPORTING PERSON (see instructions)

CO

Footnotes:

(1) Shares of Common Stock are held of record by Glaxo Group Limited, an indirect wholly owned subsidiary of GlaxoSmithKline plc.

(2) Based on 47,762,362 shares of Common Stock outstanding as of July 29, 2016.

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Item 1. Security and Issuer.

This Amendment No. 2 to Schedule 13D amends and supplements the statement on Schedule 13D originally filed on February 23, 2012 (as amended by Amendment No. 1 filed on May 1, 2013, the "Schedule 13D" and as amended by this Amendment No. 2, the "Statement") with respect to the shares of common stock, par value \$0.001 per share (the "Common Stock"), of ChemoCentryx, Inc., a Delaware corporation (the "Issuer"). GlaxoSmithKline plc is filing this amendment to reflect its new percentage beneficial ownership in the Issuer, which has decreased as a result of an increase in the outstanding shares of Common Stock of the Issuer. The Issuer's principle executive offices are located at 850 Maude Avenue, Mountain View, California 94043. Unless otherwise indicated, each capitalized term used but not defined herein shall have the meaning assigned to such term in the Schedule 13D.

Item 2. Identity and Background.

The response set forth in Item 2 of the Schedule 13D is hereby amended by deleting Schedule 1 as attached to Amendment No. 1 in its entirety, and replacing it with Schedule 1 attached hereto.

Item 5. Interest in Securities of the Issuer.

The response set forth in the first paragraph of Item 5 of the Schedule 13D is hereby amended by deleting the previous response in its entirety and replacing it with the following:

(a) GlaxoSmithKline plc beneficially owns 7,343,492 shares of Common Stock, which represents 15.4% of 47,762,362 shares of Common Stock outstanding as of July 29, 2016.

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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.

Date: August 25, 2016

GLAXOSMITHKLINE PLC

By: /s/ Victoria A. Whyte  
Victoria A. Whyte  
Authorized Signatory

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## SCHEDULE 1

| Name                       | Business Address  | Principal Occupation or Employment             | Citizenship |
|----------------------------|---|--|-------------|
| <u>Board of Directors</u>  |   |  |             |
|                            | 980 Great West Road   |  |             |
| Sir Andrew Witty           | Brentford<br>Middlesex, England<br><br>TW8 9GS<br>980 Great West Road | Executive Director and Chief Executive Officer | British     |
| Professor Sir Roy Anderson | Brentford<br>Middlesex, England<br><br>TW8 9GS<br>980 Great West Road | Company Director                               | British     |
| Manvinder Singh Banga      | Brentford<br>Middlesex, England<br><br>TW8 9GS<br>980 Great West Road | Company Director                               | Indian      |
| Stacey Cartwright          | Brentford<br>Middlesex, England<br><br>TW8 9GS<br>980 Great West Road | Company Director                               | British     |
| Simon Dingemans            | Brentford<br>Middlesex, England<br><br>TW8 9GS<br>980 Great West Road | Executive Director and Chief Financial Officer | British     |
| Lynn Elsenhans             | 980 Great West Road   | Company Director                               | US          |

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Brentford

Middlesex, England

TW8 9GS  
980 Great West  
Road

|                    |                                   |   |                           |
|--------------------|-----------------------------------|---|---------------------------|
| Dr. Jesse Goodman  | Brentford<br>Middlesex, England   | Company Director                                    | US                        |
|                    | TW8 9GS<br>980 Great West<br>Road |   |                           |
| Sir Philip Hampton | Brentford<br>Middlesex, England   | Chairman and Company Director                       | British                   |
|                    | TW8 9GS<br>980 Great West<br>Road |   |                           |
| Judy Lewent        | Brentford<br>Middlesex, England   | Company Director                                    | US                        |
|                    | TW8 9GS<br>980 Great West<br>Road |   |                           |
| Urs Rohner         | Brentford<br>Middlesex, England   | Company Director                                    | Swiss                     |
|                    | TW8 9GS<br>709 Swedeland<br>Road, |   |                           |
| Dr. Moncef Slaoui  | King of Prussia<br>PA, 19406      | Executive Director and<br>Chairman, Global Vaccines | Moroccan, Belgian &<br>US |



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|                                     |  |   |                 |
|-------------------------------------|--|---|-----------------|
|                                     | 980 Great West<br>Road   |   |                 |
| Dr. Vivienne Cox                    | Brentford<br>Middlesex, England<br>TW8 9GS                           | Company Director                                    | British         |
| <u>Corporate Executive<br/>Team</u> |  |   |                 |
|                                     | 980 Great West<br>Road   |   |                 |
| Sir Andrew Witty                    | Brentford<br>Middlesex, England<br>TW8 9GS<br>980 Great West<br>Road | Executive Director and Chief Executive Officer      | British         |
| Roger Connor                        | Brentford<br>Middlesex, England<br>TW8 9GS<br>980 Great West<br>Road | President, Global Manufacturing & Supply            | Irish           |
| Simon Dingemans                     | Brentford<br>Middlesex, England<br>TW8 9GS<br>980 Great West<br>Road | Executive Director and Chief Financial Officer      | British         |
| Nick Hirons                         | Brentford<br>Middlesex<br>TW8 9GS                                    | Senior Vice President, Global Ethics and Compliance | British &<br>US |
| Abbas Hussain                       | TW8 9GS  | President, Global Pharmaceuticals                   | British         |

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980 Great West  
Road

Brentford

Middlesex, England

TW8 9GS  
980 Great West  
Road

|                   |   |  |                              |
|-------------------|---|--|------------------------------|
| David Redfern     | Brentford<br><br>Middlesex, England<br><br>TW8 9GS<br>709 Swedeland<br>Road,          | Chief Strategy Officer   | British                      |
| Dr. Moncef Slaoui | King of Prussia<br><br>PA, 19406  | Executive Director<br><br>Chairman, Global Vaccines                    | Moroccan,<br>Belgian &<br>US |
| Claire Thomas     | 980 Great West<br>Road<br><br>Brentford<br><br>Middlesex, England                     | Senior Vice President,<br><br>Human Resources                          | British                      |
| Philip Thomson    | 980 Great West<br>Road<br><br>Brentford<br><br>Middlesex, England                     | Senior Vice President, Global Communications and<br>Government Affairs | British                      |
| Daniel Troy       | TW8 9GS<br>The Navy Yard<br><br>5 Crescent Drive<br><br>Philadelphia, PA<br><br>19112 | Senior Vice President & General Counsel                                | US                           |

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980 Great West Road

Dr. Patrick Vallance      Brentford      President, Pharmaceuticals R&D      British  
Middlesex, England

TW8 9GS  
980 Great West Road

Emma Walmsley      Brentford      Chief Executive Officer, GSK Consumer Healthcare      British  
Middlesex, England

TW8 9GS