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**SECURITIES AND EXCHANGE COMMISSION**  
WASHINGTON, D.C. 20549

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**SCHEDULE 13G**

**UNDER THE SECURITIES EXCHANGE ACT OF 1934**  
**(Amendment No. 1)\***

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**CENTESSA PHARMACEUTICALS PLC**  
(Name of Issuer)

**Ordinary Shares, nominal value £0.002 per share**  
(Title of Class of Securities)

**152309100 (for American Depositary Shares, each representing 1 Ordinary Share)**  
(CUSIP Number)

**December 31, 2022**  
(Date of Event which Requires Filing of this Statement)

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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 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).

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1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Growth I LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  3,936,970
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  3,936,970
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  3,936,970	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)  4.2% *	
12.	Type of Reporting Person  PN	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Growth Co-Invest I LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  93,526
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  93,526
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  93,526	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)  0.1%*	
12.	Type of Reporting Person  PN	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Growth I GP Limited	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  4,030,496
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  4,030,496
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  4,030,496	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)  4.3% *	
12.	Type of Reporting Person  OO	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Ventures I LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  4,398,519
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  4,398,519
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  4,398,519	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (11)  4.6% *	
12.	Type of Reporting Person  PN	

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1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Co-Invest I LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) <input type="checkbox"/>	
4.	Citizenship or Place of Organization Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power 55,677
	6.	Shared Voting Power 0
	7.	Sole Dispositive Power 55,677
	8.	Shared Dispositive Power 0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 55,677	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (11) Less than 0.1%*	
12.	Type of Reporting Person PN	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Ventures I GP Limited	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  4,454,196
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  4,454,196
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  4,454,196	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)  4.7% *	
12.	Type of Reporting Person  OO	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Secondary I LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  11,197,303
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  11,197,303
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  11,197,303	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)  11.8% *	
12.	Type of Reporting Person (See Instructions)  PN	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Secondary Co-Invest I LP	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  281,162
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  281,162
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  281,162	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (11)  0.3% *	
12.	Type of Reporting Person (See Instructions)  PN	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Secondary I GP Limited	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  11,478,465
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  11,478,465
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  11,478,465	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (11)  12.1% *	
12.	Type of Reporting Person (See Instructions)  OO	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)	
	Medicxi Ventures Management (Jersey) Limited	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC Use Only	
4.	Citizenship or Place of Organization  Jersey	
Number of Shares Beneficially Owned by Each Reporting Person With	5.	Sole Voting Power  19,963,157
	6.	Shared Voting Power  0
	7.	Sole Dispositive Power  19,963,157
	8.	Shared Dispositive Power  0
9.	Aggregate Amount Beneficially Owned by Each Reporting Person  19,963,157	
10.	Check Box If the Aggregate Amount in Row (9) Excludes Certain Shares  <input type="checkbox"/>	
11.	Percent of Class Represented by Amount in Row (9)  21.1% *	
12.	Type of Reporting Person (See Instructions)  OO	

\* Calculated based upon 94,596,247 Ordinary Shares outstanding of the Issuer as of October 31, 2022, as set forth in the Issuer's Form 10-Q for the period ended September 30, 2022, filed with the Securities and Exchange Commission on November 10, 2022.

**Item 1. Issuer.**

- (a) Name of Issuer:  
Centessa Pharmaceuticals plc (the “**Issuer**”)
- (b) Address of Issuer’s Principal Executive Offices:  
3<sup>rd</sup> Floor, 1 Ashley Road  
1 Ashley Road, Altrincham Cheshire WA14 2DT United Kingdom

**Item 2. Filing Person.****Item 2 (a) – (c).** Name of Persons Filing; Address; Citizenship:

- (i) Medicxi Growth I LP (“**Growth I**”), a Jersey limited partnership;
- (ii) Medicxi Growth Co-Invest I LP (“**Growth Co-Invest I**”), a Jersey limited partnership;
- (iii) Medicxi Growth I GP Limited (“**Growth I GP**”), a Jersey limited liability company, which is the sole managing general partner of Growth I and Growth Co-Invest I;
- (iv) Medicxi Ventures I LP (“**Ventures I**”), a Jersey limited partnership;
- (v) Medicxi Co-Invest I LP (“**Co-Invest I**”), a Jersey limited partnership;
- (vi) Medicxi Ventures I GP Limited (“**Ventures I GP**”), a Jersey limited liability company, which is the sole managing general partner of Ventures I and Co-Invest I;
- (vii) Medicxi Secondary I LP (“**Secondary I**”), a Jersey limited partnership;
- (viii) Medicxi Secondary Co-Invest I LP (“**Secondary Co-Invest I**” and, together with Growth I, Growth Co-Invest I, Ventures I, Co-Invest I and Secondary I, the “**Medicxi Funds**”), a Jersey limited partnership;
- (ix) Medicxi Secondary I GP Limited (“**Secondary I GP**”), a Jersey limited liability company, which is the sole managing general partner of Secondary I and Secondary Co-Invest I; and
- (x) Medicxi Ventures Management (Jersey) Limited (“**Medicxi Manager**”), a Jersey limited liability company, which is the sole manager of the Medicxi Funds.

Growth I, Growth Co-Invest I, Growth I GP, Ventures I, Co-Invest I, Ventures I GP, Secondary I, Secondary Co-Invest I, Secondary I GP and Medicxi Manager are sometimes individually referred to herein as a “**Reporting Person**” and collectively as the “**Reporting Persons.**”

The address of the principal business office of each of the Reporting Persons is c/o Intertrust Fund Services (Jersey) Limited, 44 Esplanade, St. Helier, Jersey JE4 9WG.

Medicxi Ventures (UK) LLP and Medicxi Ventures (Jersey) Limited act as sub-advisers to Index Ventures Life VI (Jersey) Limited, which acts as the adviser to Index Ventures Life VI (Jersey) LP, and as such, Index Ventures Life VI and Yucca (Jersey) SLP, each of which hold Ordinary Shares as of the date hereof, and the Medicxi Funds may be deemed to be members of a “group” as defined in Rule 13d-5 of the Securities Exchange Act of 1934, as amended. The share ownership reported by the Medicxi Funds does not include any shares beneficially owned by Index Ventures Life VI (Jersey) LP and Yucca (Jersey) SLP, and each of the Medicxi Funds and their affiliates disclaim beneficial ownership of the securities beneficially owned by Index Ventures Life VI (Jersey) LP, Yucca (Jersey) SLP and their affiliates.

**(d)** Title of Class of Securities:

Ordinary Shares, nominal value £0.002 per share (the “**Ordinary Shares**”)

**(e)** CUSIP Number:

152309100

**Item 3. If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:**

- (a)  Broker or dealer registered under Section 15 of the Act;
- (b)  Bank as defined in Section 3(a)(6) of the Act;
- (c)  Insurance company as defined in Section 3(a)(19) of the Act;
- (d)  Investment company registered under Section 8 of the Investment Company Act of 1940;
- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  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;
- (j)  A non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J);
- (k)  Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with Rule 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

If filing as a non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J), please specify the type of institution:

**Item 4. Ownership.**

(a) and (b) Amount beneficially owned:

- (i) Growth I directly owns 3,936,970 Ordinary Shares, representing approximately 4.2% of the outstanding Ordinary Shares.
- (ii) Growth Co-Invest I directly owns 93,526 Ordinary Shares, representing approximately 0.1% of the outstanding Ordinary Shares.
- (iii) Growth I GP, as the managing general partner of Growth I and Growth Co-Invest I, may be deemed to beneficially own the Ordinary Shares held directly by Growth I and Growth Co-Invest I.
- (iv) Ventures I directly beneficially owns 4,398,519 Ordinary Shares, representing approximately 4.6% of the outstanding Ordinary Shares.
- (v) Co-Invest I directly beneficially owns 55,677 Ordinary Shares, representing less than 0.1% of the outstanding Ordinary Shares.
- (vi) Ventures I GP, as the managing general partner of Ventures I and Co-Invest I, may be deemed to beneficially own the Ordinary Shares held directly by Ventures I and Co-Invest I.
- (vii) Secondary I directly beneficially owns 11,197,303 Ordinary Shares, representing approximately 11.8% of the outstanding Ordinary Shares.
- (viii) Secondary Co-Invest I directly beneficially owns 281,162 Ordinary Shares, representing approximately 0.3% of the outstanding Ordinary Shares.
- (ix) Secondary I GP, as the managing general partner of Secondary I and Secondary Co-Invest I, may be deemed to beneficially own the Ordinary Shares held directly by Secondary I and Secondary Co-Invest I.
- (x) Medicxi Manager, as manager of the Medicxi Funds, may be deemed to beneficially own the shares held directly by the Medicxi Funds.

(c) Number of shares as to which such person has:

Reporting Person	Number of Ordinary Shares			
	(i)	(ii)	(iii)	(iv)
Growth I	3,936,970	0	3,936,970	0
Growth Co-Invest I	93,526	0	93,526	0
Growth I GP	4,030,496	0	4,030,496	0
Ventures I	4,398,519	0	4,398,519	0
Co-Invest I	55,677	0	55,677	0
Ventures I GP	4,454,196	0	4,454,196	0
Secondary I	11,197,303	0	11,197,303	0
Secondary Co-Invest I	281,162	0	281,162	0
Secondary I GP	11,478,465	0	11,478,465	0
Medicxi Manager	19,963,157	0	19,963,157	0

- (i) Sole power to vote or direct the vote
- (ii) Shared power to vote or to direct the vote
- (iii) Sole power to dispose or to direct the disposition of
- (iv) Shared power to dispose or to direct the disposition of

**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 persons have ceased to be the beneficial owner of more than five percent of the class of securities, check the following.

**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 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.**

Not applicable.

## SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, the undersigned certifies that the information set forth in this Statement is true, complete and correct.

Dated: January 31, 2023

**MEDICXI GROWTH I LP**

By: Medicxi Ventures Management (Jersey) Limited, its  
sole manager

By: /s/ Nigel Crocker  
Name: Nigel Crocker  
Title: Director

**MEDICXI GROWTH CO-INVEST I LP**

By: Medicxi Ventures Management (Jersey) Limited, its  
sole manager

By: /s/ Nigel Crocker  
Name: Nigel Crocker  
Title: Director

**MEDICXI GROWTH I GP LIMITED**

By: /s/ Nigel Crocker  
Name: Nigel Crocker  
Title: Director

**MEDICXI VENTURES I LP**

By: Medicxi Ventures Management (Jersey) Limited, its  
sole manager

By: /s/ Nigel Crocker  
Name: Nigel Crocker  
Title: Director

**MEDICXI CO-INVEST I LP**

By: Medicxi Ventures Management (Jersey) Limited, its  
sole manager

By: /s/ Nigel Crocker  
Name: Nigel Crocker  
Title: Director

**MEDICXI VENTURES I GP LIMITED**

By: /s/ Nigel Crocker

Name: Nigel Crocker

Title: Director

**MEDICXI SECONDARY I LP**

By: Medicxi Ventures Management (Jersey) Limited, its  
sole manager

By: /s/ Nigel Crocker

Name: Nigel Crocker

Title: Director

**MEDICXI SECONDARY CO-INVEST I LP**

By: Medicxi Ventures Management (Jersey) Limited, its  
sole manager

By: /s/ Nigel Crocker

Name: Nigel Crocker

Title: Director

**MEDICXI SECONDARY I GP LIMITED**

By: /s/ Nigel Crocker

Name: Nigel Crocker

Title: Director

**MEDICXI VENTURES MANAGEMENT (JERSEY)  
LIMITED**

/s/ Nigel Crocker

Name: Nigel Crocker

Title: Director