| ASTRAZENECA PLC Form 6-K July 28, 2017 |
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| FORM 6-K |
| SECURITIES AND EXCHANGE COMMISSION |
| Washington, D.C. 20549 |
| Report of Foreign Issuer |
| Pursuant to Rule 13a-16 or 15d-16 of |
| the Securities Exchange Act of 1934 |
| For the month of July 2017 |
| Commission File Number: 001-11960 |
| AstraZeneca PLC |
| 1 Francis Crick Avenue Cambridge Biomedical Campus |
| Cambridge CB2 0AA |
| United Kingdom |
| Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F |
| Form 20-F X Form 40-F |
| Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): |
| Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): |
| Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. |
| Yes No X |

| If "Yes" is marked, indicate below the file number assigned to the Registrant in connection with Rule 12g3-2(b): 82 | | | | |
|--|--|---|--|--|
| 28 | July 2017 11:00 BST | | | |
| TRANSACTIONS BY PERSONS DISCHARGING MANAGERIAL RESPONSIBILITIES Disclosure under Article 19 of the EU Market Abuse Regulation | | | | |
| AstraZeneca PLC (the Company) announces that, on 27 July 2017, it was notified by Nazneen Rahman, a Non-Executive Director of the Company, that, on 27 July 2017, Professor Rahman purchased 500 Ordinary Shares of \$0.25 each in the Company (Shares) at an aggregate price of 4338.186 pence per Share. | | | | |
| The Company also announces that, on 27 July 2017, it was notified by Philip Broadley, a Non-Executive Director of the Company, that, on 27 July 2017, Mr Broadley purchased 2,300 Shares at a price of 4282 pence per Share. | | | | |
| The attached notifications, made in accordance with the requirements of the EU Market Abuse Regulation, give further detail. | | | | |
| 1 | Details of the person discharging managerial responsibilities / person closely associated | | | |
| a) | Name | Nazneen Rahman | | |
| 2 | Reason for the notification | | | |
| a) | Position/status | Non-Executive Director | | |
| b) | Initial notification /Amendment | Initial notification | | |
| 3 | Details of the issuer, emission allowance market participant, auction monitor | auction platform, auctioneer or | | |
| a) | Name | AstraZeneca PLC | | |
| b) | LEI | PY6ZZQWO2IZFZC3IOL08 | | |
| 4 | Details of the transaction(s): section to be repeated for (i) each type of transaction; (iii) each date; and (iv) each place where conducted | * = | | |
| a) | Description of the financial instrument, type of instrument | Ordinary Shares of US\$0.25 each in AstraZeneca PLC | | |

| | Identification code | GB0009895292 | | |
|----|--|------------------------------------|-----------|--|
| b) | Nature of the transaction | Share purchase | | |
| c) | Price(s) and volume(s) | Price(s) | Volume(s) | |
| C) | Aggregated information | 4335.4837 pence 4370.1282 pence | | |
| | | | | |
| d) | - Aggregated volume | 500 | | |
| | - Price | 4338.1860 pence | | |
| e) | Date of the transaction | 27 July 2017 | | |
| f) | Place of the transaction | XLON | | |
| 1 | Details of the person discharging managerial responsibilities / person closely associated | | | |
| a) | Name | Philip Broadley | | |
| 2 | Reason for the notification | | | |
| a) | Position/status | Non-Executive D | irector | |
| b) | Initial notification / Amendment | Initial notification | l | |
| 3 | Details of the issuer, emission allowance market participant, auction platform, auctioneer of auction monitor | | | |
| a) | Name | AstraZeneca PLC | | |
| b) | LEI | PY6ZZQWO2IZI | FZC3IOL08 | |
| 4 | Details of the transaction(s): section to be repeated for (i) each type of transaction; (iii) each date; and (iv) each place where conducted | | | |

Description of the financial instrument, type of instrument

Ordinary Shares of US\$0.25
each in AstraZeneca PLC

a) Identification code

GB0009895292

Nature of the transaction

Share purchase

c) Price(s) and volume(s) Price(s) Volume(s)

4282 pence 2,300

Aggregated information

Aggregated volume

Not applicable - single

transaction

- Price

Date of the transaction

27 July 2017

Place of the transaction

XLON

About AstraZeneca

AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialisation of prescription medicines, primarily for the treatment of diseases in three main therapy areas - Oncology, Cardiovascular & Metabolic Diseases and Respiratory. The Company also is selectively active in the areas of autoimmunity, neuroscience and infection. AstraZeneca operates in over 100 countries and its innovative medicines are used by millions of patients worldwide. For more information, please visit www.astrazeneca.com and follow us on Twitter @AstraZeneca.

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Adrian Kemp Company Secretary AstraZeneca PLC

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, thereunto duly authorized.

AstraZeneca PLC

Date: 28 July 2017 By: /s/ Adrian Kemp

Name: Adrian Kemp Title: Company Secretary