

GLAXOSMITHKLINE PLC  
Form 6-K  
December 18, 2017

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 period ending 18 December 2017

GlaxoSmithKline plc  
(Name of registrant)

980 Great West Road, Brentford, Middlesex, TW8 9GS  
(Address of principal executive offices)

Indicate by check mark whether the registrant files or  
will file annual reports under cover Form 20-F or Form 40-F

Form 20-F  Form 40-F

--

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

GlaxoSmithKline plc (the 'Company')

Transaction notification

1. Details of PDMR/person closely associated with them ('PCA')
  - a) Name Dr P J T Vallance
  - b) Position/status President, R&D
  - c) Initial notification/  
amendment Initial notification
2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor
  - a) Name GlaxoSmithKline plc
  - b) LEI 5493000HZTVUYLO1D793
3. Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted
  - a) Description of the financial instrument Ordinary shares of 25 pence each ('Ordinary Shares')  
ISIN: GB0009252882
  - b) Nature of the transaction Sale of 20,000 Ordinary shares on 18 December 2017 at a price of £13.1044.
  - c) Price(s) and volume(s)
 

Price(s)	Volume(s)
£13.1044	20,000
  - d) Aggregated information n/a (single transaction)
  - e) Aggregated volume Price
  - f) Date of the transaction 2017-12-18
  - Place of the transaction London Stock Exchange, Main Market (XLON)

1. Details of PDMR/person closely associated with them ('PCA')
  - a) Name Mrs S Vallance
  - b) Position/status PCA of Dr P J T Vallance  
(President, R&D)
  - c) Initial notification/  
amendment Initial notification
2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor
  - a) Name GlaxoSmithKline plc
  - b) LEI 5493000HZTVUYLO1D793
3. Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted
  - a) Description of the financial instrument Ordinary shares of 25 pence each ('Ordinary Shares')  
ISIN: GB0009252882

b) Nature of the transaction	Sale of 32,974 Ordinary shares on 18 December 2017 at a price of £13.0911
c) Price(s) and volume(s)	Price(s)      Volume(s) £13.0911      32,974 n/a (single transaction)
d) Aggregated information	Aggregated volume Price
e) Date of the transaction	2017-12-18
f) Place of the transaction	London Stock Exchange, Main Market (XLON)

## 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 authorised.

GlaxoSmithKline plc  
(Registrant)

Date: December 18, 2017

By: VICTORIA WHYTE

-----

Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc