

GLAXOSMITHKLINE PLC  
Form 6-K  
January 23, 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 23 January 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 S Dexter
  - 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 Acquisition of Ordinary Shares following the re-investment of dividends paid to shareholders on 12 January 2017.
  - c) Price(s) and volume(s)
 

Price(s)	Volume(s)
£15.97	370
n/a (single transaction)	
  - d) Aggregated information  
Aggregated volume Price
  - e) Date of the transaction 2017-01-16
  - f) Place of the transaction London Stock Exchange  
(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: January 23, 2017

By: VICTORIA WHYTE

Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc