

GLAXOSMITHKLINE PLC  
Form 6-K  
September 29, 2014

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 September 2014

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

Notification of Transactions of Directors, Persons Discharging Managerial

Responsibility or Connected Persons

In accordance with DTR 3.1.4 R(1)(c) GlaxoSmithKline plc (GSK) was advised on 29 September 2014 of the following increase in the notional allocation of GSK American Depositary Shares (ADSs) on 26 September 2014, at a price of \$46.59 per ADS, following the revaluation of the cash element of the notional investment held within the GSK 401K plan:

Connected person	Number of ADSs
------------------	----------------

Dr K Slaoui (Connected person of Dr M Slaoui)	5
--	---

V A Whyte  
Company Secretary

29 September 2014

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: September 29, 2014

By: VICTORIA WHYTE  
-----

Victoria Whyte

Authorised Signatory for and on  
behalf of GlaxoSmithKline plc