

GLAXOSMITHKLINE PLC  
Form 6-K  
January 16, 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 January 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

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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

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Notification of Transactions of Directors, Persons Discharging  
Managerial Responsibility or Connected Persons

The Administrators of the GlaxoSmithKline 2009 Performance Share Plan (the Plan) notified the Company and the under-mentioned Connected Persons on 16 January 2014 of the following increases in their notional interests in Ordinary Shares at a price of 1597.50 pence per Ordinary Share and American Depositary Shares (ADSs) at a price of \$52.84 per ADS following the notional re-investment of the dividend paid to shareholders on 9 January 2014.

Director/PDMR	Connected Person	Ordinary Shares	ADSs
Dr M M Slaoui	Dr K Slaoui	-	45.455
Mr P C Thomson	Mrs K Thomson	75.822	-

The notional dividends accrued will be paid out in proportion to the percentage of the participant's Plan holdings that vest following the end of the relevant measurement period.

This notification relates to a transaction notified in accordance with Disclosure and Transparency Rule 3.1.4R(1)(c).

Sonja Arsenić  
Corporate Secretariat

16 January 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: January 16, 2014

By: SIMON BICKNELL

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Simon Bicknell  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc