

GLAXOSMITHKLINE PLC  
Form 6-K  
February 18, 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 February 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 and Persons Discharging Managerial Responsibility

GlaxoSmithKline Performance Share Plan  
Sale of shares to meet tax liabilities

The table below sets out changes in the interests of Persons Discharging Managerial Responsibility (PDMR) in the Ordinary Shares of GlaxoSmithKline plc arising from the sales of Ordinary Shares at a fair market value price of £16.44 per Ordinary Share on 13 February 2014. These sales were to meet tax liabilities following the vesting of awards granted in 2011 under the GlaxoSmithKline Performance Share Plan (PSP).

Number of Ordinary Shares sold to meet tax liabilities following the vesting of a PSP award

Mr R Connor	2,003
Mr P Thomson	3,229
Ms E Walmsley	35,866
Mrs V Whyte	3,229

The table below sets out changes in the interests of a PDMR in the American Depositary Shares (ADS) of GlaxoSmithKline plc arising from the withholding of ADS at a fair market value price of \$54.81 per ADS on 13 February 2014 to meet tax liabilities following the vesting of awards granted under the PSP.

Number of ADSs withheld to meet tax liabilities following the vesting of a PSP award

Mr J Ford	1,556
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The Company and PDMRs were advised of these transactions on 17 February 2014.

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

Sonja Arsenić  
Corporate Secretariat

17 February 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: February 17, 2014

By: SIMON BICKNELL

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Simon Bicknell  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc