

GLAXOSMITHKLINE PLC  
Form 6-K  
May 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 May 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

I give below details of changes in the interests of the Connected Person of a Director in the Ordinary Shares of GlaxoSmithKline plc (the "Company"):

Director	Transaction
Sir Andrew Witty's Connected Person	The sale on 16 May 2014 of 726 Ordinary Shares and the repurchase on 16 May 2014 of 720 Ordinary Shares and transfer into an ISA at a price of 1638.6078p and 1638.9148p per share respectively.

The Company and the above mentioned persons were advised of these transactions on 16 May 2014.

This notification relates to transactions notified in accordance with paragraph 3.1.4R(1)(a) and(c) of the Disclosure and Transparency Rules.

V A Whyte  
Company Secretary

16 May 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: May 16, 2014

By: VICTORIA WHYTE  
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Victoria Whyte  
Authorised Signatory for and on  
behalf of GlaxoSmithKline plc