

GLAXOSMITHKLINE PLC  
Form 6-K  
February 24, 2010

**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, 2010

**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 x 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 x

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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 Dr M M Slaoui, a Person Discharging Managerial Responsibility, in the American Depositary Shares (ADSs) of GlaxoSmithKline plc in the shares of his connected person as follows:

The three-year performance period for the GlaxoSmithKline Share Option Plan award made to Dr Slaoui's connected person in 2007, at an option price of US\$58.00 which commenced on 1 January 2007 came to an end on 31 December 2009. The Remuneration Committee has confirmed that the whole of the original grant of 3,570 ADSs is exercisable.

The Company and Dr Slaoui's connected person were advised of this transaction on 24 February 2010.

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

V A Whyte  
Deputy Company Secretary

24 February 2010

**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 24, 2010

By: VICTORIA WHYTE

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Victoria Whyte  
Authorised Signatory for and on

