

GLAXOSMITHKLINE PLC
Form 6-K
August 13, 2009

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 August 2009

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

The Administrators of the GlaxoSmithKline Executive Supplemental Savings Plan (the "Plan") notified the Company and David Pulman on 11 August 2009 of changes to his interests in Ordinary share ADRs arising from the release of 2,363.38 Ordinary share ADRs under the Plan and the resultant sale of 733.38 Ordinary share ADRs at a price of \$35.26 per ADR on 30 January 2009 to meet the tax liability arising from this release.

The late notification was due to an administrative error.

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

S M Bicknell
Company Secretary

13 August 2009

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: August 13, 2009

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc