

GLAXOSMITHKLINE PLC

Form 6-K

July 17, 2013

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 July 2013

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 17 July 2013 of the following increases in their notional interests in Ordinary Shares at a price of 1742.50 pence per Ordinary Share and American Depositary Shares (ADSs) at a price of \$52.91 per ADS following the notional re-investment of the dividend paid to shareholders on 11 July 2013.

| Director/PDMR | Connected Person | Ordinary Shares | ADSs |
|----------------|------------------|-----------------|--------|
| Dr M M Slaoui | Dr K Slaoui | - | 39.692 |
| Mr P C Thomson | Mrs K Thomson | 64.442 | - |

The notional dividends accrued will be paid out in proportion to the percentage of the participant's Performance Share 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).

V A Whyte
Company Secretary

17 July 2013

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: July 17, 2013

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc