

GLAXOSMITHKLINE PLC
Form 6-K
December 24, 2008

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 December 2008

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 interests in the Ordinary shares of GlaxoSmithKline plc in respect of the under-mentioned Person Discharging Managerial Responsibility:-

| | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mr M Dunoyer | Exercise of options over 816 Ordinary shares on 12 December 2008 under the GlaxoSmithKline Savings Related share option scheme at a price of £11.45 per share. |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|

The Company was advised of this transaction on 24 December 2008.

This notification is in accordance with Disclosure Rule 3.1.4R(1)(a).

S M Bicknell
Company Secretary

24 December 2008

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: December 24, 2008

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc