

GLAXOSMITHKLINE PLC
Form 6-K
October 14, 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 13 October 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 the interests of Directors, Persons Discharging Managerial Responsibility or Connected Persons in the Ordinary shares of GlaxoSmithKline plc

in respect of the under-mentioned person

s arising from the purchase of Ordinary shares at a price of £ 11.20 per Ordinary

s hare on 9 October 2008

through the Company

, s ShareReward Plan

(
" the Plan
"

) which the under-mentioned persons entered on 5 October 2001:

Mr A P Witty

Acquisition of 20

Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Mr J S Heslop

Acqu
isition of 20
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Mr S M Bicknell

Acquisition of 20
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Mr E J Gray

Acquisition of 20
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Mr D Learmouth

Acquisition of 20
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Dr D Pulman

Acquisition of 9
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Mr D S Redfern

Acquisi
tion of 20
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

Ms C Thomas

Acquisition of 20
Ordinary shares under the
Dividend
Reinvestment element of the
Plan

The Company and the above-mentioned persons were advised of this information on
13 October
2008

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
13 October
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: October 13, 2008

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc