

GLAXOSMITHKLINE PLC
Form 6-K
December 18, 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 December 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

I give below details of changes
in interests in the Ordinary share
ADRs
of GlaxoSmithKline plc in respect of the under-mentioned person, arising
from
the sale
of
Ordinary share ADRs

on
28 September
2009
at a price of \$39.70
per ADR:

Mrs S Burns

95

The Company and
the above named person was
advised of this information
on
16
December
2009.

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

S M Bicknell
Company Secretary

18
December

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: December 18, 2009

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc