

GLAXOSMITHKLINE PLC
Form 6-K
August 29, 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 August 28, 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 share ADRs

of GlaxoSmithKline plc in respect
of the under-mentioned Person
Discharging Managerial Responsibility

:-

Mr Sale
D J Phelan of
 5,000 ADR shares on
 25 August
 2008
 at a price
 of
 \$46.08

per
ADR
share

Sale of 6,090 ADR shares on
25 August 2008
at a price of
\$46.01
per
ADR
share

The Company was advised of t
his transaction
on

28 August

2008

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This notification is in accordance with
Disclosure Rule

3.1.4R(1)(a)

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S M Bicknell
Company Secretary

28 August
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: August 28, 2008

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc