

GLAXOSMITHKLINE PLC
Form 6-K
September 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 September 23, 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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GlaxoSmithKline plc received on 23 September 2008 from Legal & General Group plc a notification of interests in GlaxoSmithKline plc Ordinary shares of 25 pence each, dated 23 September 2008. This notice is given in accordance with DTR 5.8.12.

TR-1: notification of major interests in shares

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached:

GlaxoSmithKline Plc

2. Reason for notification (yes/no)

An acquisition or disposal of voting rights

Yes

An acquisition or disposal of financial instruments which may result in the acquisition of shares already issued to which voting rights are attached

An event changing the breakdown of voting rights

Other (please specify): _____

3. Full name of person(s) subject to the notification obligation:

Legal & General Group Plc
(Group)

4. Full name of shareholder(s) (if different from 3.):

Legal & General Investment
Management Limited (LGIM)
Legal & General Assurance
(Pensions Management) Limited
(PMC)

5. Date of the transaction (and date on which the threshold is crossed or reached if different):

Legal & General Group Plc (L&G)
22 September 2008

6. Date on which issuer notified:

23 September 2008

7. Threshold(s) that is/are crossed or reached:

Below 5% (Group)

Below 5% (LGIM)

8. Notified details:

A: Voting rights attached to shares

Class/type Situation previous to the Triggering transaction Resulting situation after the triggering transaction

Class/type of shares if possible using the ISIN CODE	Number of Shares	Number of Voting Rights	Number of shares	Number of voting rights		% of voting rights	
				Direct	Indirect	Direct	Indirect
ORD	261,627,964	261,627,964		Direct	Indirect	Direct	Indirect
						Below 5%	

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: September 23, 2008

By: VICTORIA WHYTE

Victoria Whyte
Authorised Signatory for and on
behalf of GlaxoSmithKline plc