GLAXOSMITHKLINE PLC Form 6-K January 17, 2017

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 16 January 2017

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

GlaxoSmithKline plc (the 'Company')

Transaction notification

1. Details of PDMR/person closely associated with them ('PCA')

a) Name Sir Andrew Witty

b) Position/status Chief Executive Officer

c) Initial notification/ Initial notification

2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor

a) Name GlaxoSmithKline plc

b) LEI 5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

Ordinary shares of 25 pence each

a) Description of the financial instrument ('Ordinary Shares')

ISIN: GB0009252882

Shares following the re-investment of dividends paid to shareholders on 12
January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual

Bonus Plan.

Price(s) Volume(s)

£15.66 406.772 (personal contribution)

Increase in notional interest in Ordinary

£15.66 406.759 (personal contribution)

£15.66 203.865 (personal contribution)

£15.66 203.865 (personal contribution)

c) Price(s) and volume(s) £15.66 510.713 (personal contribution)

£15.66 406.772 (matching shares)

£15.66 406.759 (matching shares)

£15.66 203.865 (matching shares)

£15.66 203.865 (matching shares)

£15.66 510.713 (matching shares)

d) Aggregated information 3,463.948 Aggregated volume Price £15.66

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

a) Name Ms E Walmsley

b) Position/status CEO Designate

c) Initial notification/
amendment Initial notification

2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor

a) Name GlaxoSmithKline plc

b) LEI 5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

Ordinary shares of 25 pence each

a) Description of the financial instrument ('Ordinary Shares')

ISIN: GB0009252882

Increase in notional interest in Ordinary Shares following the re-investment of

dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in

the Company's 2009 Deferred Annual

Bonus Plan.

Price(s) Volume(s)

£15.66 89.065 (personal contribution)

£15.66 89.065 (personal contribution)

£15.66 71.015 (personal contribution)

b) Nature of the transaction

£15.66 71.015 (personal contribution)

£15.66 175.863 (personal contribution)

£15.66 175.850 (personal contribution)

£15.66 89.065 (matching shares)

£15.66 89.065 (matching shares)

£15.66 71.015 (matching shares)

£15.66 71.015 (matching shares)

£15.66 175.863 (matching shares)

£15.66 175.850 (matching shares)

Aggregated information 1,343.746 Aggregated volume Price £15.66

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

a) Name Mr R G Connor

President, Global Manufacturing & b) Position/status

Supply

Initial notification/

Initial notification amendment

Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor

a) Name GlaxoSmithKline plc

5493000HZTVUYLO1D793 b) LEI

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

Ordinary shares of 25 pence each

a) Description of the financial instrument ('Ordinary Shares')

ISIN: GB0009252882

b) Nature of the transaction	Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual Bonus Plan.
	Price(s) Volume(s)
	£15.66 79.620 (personal contribution)
	£15.66 79.607 (personal contribution)
	£15.66 52.007 (personal contribution)
	£15.66 52.007 (personal contribution)
c) Price(s) and volume(s)	£15.66 119.484 (personal contribution)
	£15.66 79.620 (matching shares)
	£15.66 79.607 (matching shares)
	£15.66 52.007 (matching shares)
	£15.66 52.007 (matching shares)
	£15.66 119.484 (matching shares)
d) Aggregated information Aggregated volume Price	765.45 £15.66
e) Date of the transaction	2017-01-12
f) Place of the transaction	n/a
1. Details of PDMR/person closely associated with them ('PCA')	
a) Name	Mr S Dingemans
b) Position/status	Chief Financial Officer
c) Initial notification/ amendment	Initial notification
2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor	

GlaxoSmithKline plc

a) Name

b) LEI

5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

a) Description of the financial instrument	Ordinary shares of 25 pence each ('Ordinary Shares') ISIN: GB0009252882
b) Nature of the transaction	Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual Bonus Plan.
	Price(s) Volume(s)
	£15.66 192.213 (personal contribution)
	£15.66 76.874 (personal contribution)
	£15.66 99.193 (personal contribution)
c) Price(s) and volume(s)	£15.66 99.180 (personal contribution)
	£15.66 232.242 (personal contribution)
	£15.66 232.229 (personal contribution)
	£15.66 192.213 (matching shares)
	£15.66 76.874 (matching shares)
	£15.66 99.193 (matching shares)
	£15.66 99.180 (matching shares)
	£15.66 232.242 (matching shares)
	£15.66 232.229 (matching shares)
d) Aggregated information Aggregated volume Price	1,863.862 £15.66
e) Date of the transaction	2017-01-12
f) Place of the transaction	n/a

1. Details of PDMR/person closely associated with them ('PCA')	
a) Name	Mr N Hirons
b) Position/status	SVP, Global Ethics & Compliance
c) Initial notification/ amendment	Initial notification
2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor	
a) Name	GlaxoSmithKline plc
b) LEI	5493000HZTVUYLO1D793
Details of the transaction(s): section to be repeated for (i) each type of 3. instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted	
a) Description of the financial instrument	Ordinary shares of 25 pence each ('Ordinary Shares') ISIN: GB0009252882
b) Nature of the transaction	Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual Bonus Plan.
	Price(s) Volume(s)
	£15.66 36.414 (personal contribution)
	£15.66 36.414 (personal contribution)
	£15.66 85.869 (personal contribution)
c) Price(s) and volume(s)	£15.66 85.869 (personal contribution)
	£15.66 36.414 (matching shares)
	£15.66 36.414 (matching shares)
	£15.66 85.869 (matching shares)
	£15.66 85.869 (matching shares)
d) Aggregated information Aggregated volume Price	489.132 £15.66

e) Date of the transaction 2017-01-12 f) Place of the transaction n/a 1. Details of PDMR/person closely associated with them ('PCA') Mr S A Hussain a) Name b) Position/status President, Global Pharmaceuticals Initial notification/ Initial notification amendment Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor a) Name GlaxoSmithKline plc b) LEI 5493000HZTVUYLO1D793 Details of the transaction(s): section to be repeated for (i) each type of instrument; 3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted Ordinary shares of 25 pence each ('Ordinary Shares') a) Description of the financial instrument ISIN: GB0009252882 Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 b) Nature of the transaction January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual Bonus Plan. Price(s) Volume(s) £15.66 116.783 (personal contribution) £15.66 171.654 (personal contribution) £15.66 202.916 (personal contribution) c) Price(s) and volume(s) £15.66 202.916 (personal contribution) £15.66 116.783 (matching shares) £15.66 171.654 (matching shares)

£15.66 202.916 (matching shares)

£15.66 202.916 (matching shares)

d) Aggregated information 1,388.538 Aggregated volume Price £15.66

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

a) Name Mr D S Redfern

b) Position/status Chief Strategy Officer

c) Initial notification/
amendment Initial notification

2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor

a) Name GlaxoSmithKline plc

b) LEI 5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

Ordinary shares of 25 pence each

a) Description of the financial instrument ('Ordinary Shares')

ISIN: GB0009252882

Increase in notional interest in Ordinary Shares following the re-investment of

dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in

the Company's 2009 Deferred Annual

Bonus Plan.

Price(s) Volume(s)

£15.66 72.618 (personal contribution)

£15.66 72.605 (personal contribution)

£15.66 58.351 (personal contribution)

b) Nature of the transaction

£15.66 58.351 (personal contribution)

£15.66 109.284 (personal contribution)

£15.66 109.284 (personal contribution)

£15.66 72.618 (matching shares)

£15.66 72.605 (matching shares)

£15.66 58.351 (matching shares)

£15.66 58.351 (matching shares)

£15.66 109.284 (matching shares)

£15.66 109.284 (matching shares)

d) Aggregated information 960.986 Aggregated volume Price £15.66

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

a) Name Dr M M Slaoui

b) Position/status Chairman, Global Vaccines

c) Initial notification/ amendment Initial notification

2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor

a) Name GlaxoSmithKline plc

b) LEI 5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

a) Description of the financial instrument

American Depositary Shares ('ADSs')

ISIN: US37733W1053

b) Nature of the transaction Increase in notional interest in ADSs

following the re-investment of dividends

paid to shareholders on 12 January 2017 on ADSs held in the Company's 2009

Deferred Annual Bonus Plan.

Price(s) Volume(s)

\$39.01 125.340 (personal contribution)

\$39.01 125.327 (personal contribution)

\$39.01 78.047 (personal contribution)

\$39.01 78.047 (personal contribution)

\$39.01 128.475 (personal contribution)

c) Price(s) and volume(s) \$39.01 128.475 (personal contribution)

\$39.01 125.340 (matching shares)

\$39.01 125.327 (matching shares)

\$39.01 78.047 (matching shares)

\$39.01 78.047 (matching shares)

\$39.01 128.475 (matching shares)

\$39.01 128.475 (matching shares)

Aggregated information 1,327.422 Aggregated volume Price \$39.01

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

Ms C Thomas a) Name

b) Position/status SVP, Human Resources

Initial notification/ Initial notification amendment

- Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor
- a) Name GlaxoSmithKline plc

b) LEI

5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

a) Description of the financial instrument ('Ordinary Shares')

b) Nature of the transaction

Ordinary shares of 25 pence each

ISIN: GB0009252882

Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual Bonus Plan.

Price(s) Volume(s)

£15.66 90.103 (personal contribution)

£15.66 78.542 (personal contribution)

£15.66 78.530 (personal contribution)

£15.66 159.879 (personal contribution)

c) Price(s) and volume(s) £15.66 159.879 (personal contribution)

£15.66 90.103 (matching shares)

£15.66 78.542 (matching shares)

£15.66 78.530 (matching shares)

£15.66 159.879 (matching shares)

£15.66 159.879 (matching shares)

Aggregated information 1,133.866 Aggregated volume Price £15.66

2017-01-12 e) Date of the transaction

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

Mr P C Thomson a) Name

SVP, Communications & Government b) Position/status **Affairs** Initial notification/ Initial notification amendment Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor a) Name GlaxoSmithKline plc b) LEI 5493000HZTVUYLO1D793 Details of the transaction(s): section to be repeated for (i) each type of 3. instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted Ordinary shares of 25 pence each ('Ordinary Shares') a) Description of the financial instrument ISIN: GB0009252882 Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 b) Nature of the transaction January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual Bonus Plan. Price(s) Volume(s) £15.66 54.266 (personal contribution) £15.66 53.347 (personal contribution) c) Price(s) and volume(s) £15.66 97.819 (personal contribution) £15.66 54.266 (matching shares) £15.66 53.347 (matching shares) £15.66 97.819 (matching shares) Aggregated information 410.864 Aggregated volume Price £15.66 e) Date of the transaction 2017-01-12 f) Place of the transaction n/a

\$39.01 40.386 (matching shares)

1. Details of PDMR/person closely associated with them ('PCA') a) Name Mr D E Troy **SVP & General Counsel** b) Position/status Initial notification/ Initial notification c) amendment Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor a) Name GlaxoSmithKline plc b) LEI 5493000HZTVUYLO1D793 Details of the transaction(s): section to be repeated for (i) each type of 3. instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted American Depositary Shares ('ADSs') a) Description of the financial instrument ISIN: US37733W1053 Increase in notional interest in ADSs following the re-investment of dividends paid to shareholders on 12 January 2017 b) Nature of the transaction on ADSs held in the Company's 2009 Deferred Annual Bonus Plan. Price(s) Volume(s) \$39.01 50.726 (personal contribution) \$39.01 50.726 (personal contribution) \$39.01 40.386 (personal contribution) \$39.01 40.386 (personal contribution) \$39.01 90.932 (personal contribution) c) Price(s) and volume(s) \$39.01 90.932 (personal contribution) \$39.01 50.726 (matching shares) \$39.01 50.726 (matching shares) \$39.01 40.386 (matching shares)

\$39.01 90.932 (matching shares)

\$39.01 90.932 (matching shares)

d) Aggregated information 728.176 Aggregated volume Price \$39.01

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

1. Details of PDMR/person closely associated with them ('PCA')

a) Name Dr P J T Vallance

b) Position/status President, Pharmaceuticals R&D

c) Initial notification/ Initial notification

2. Details of the issuer, emission allowance market participant, auction platform, auctioneer or auction monitor

a) Name GlaxoSmithKline plc

b) LEI 5493000HZTVUYLO1D793

Details of the transaction(s): section to be repeated for (i) each type of instrument;

3. (ii) each type of transaction; (iii) each date; and (iv) each place where transaction(s) has been conducted

Ordinary shares of 25 pence each

a) Description of the financial instrument ('Ordinary Shares')

ISIN: GB0009252882

Increase in notional interest in Ordinary Shares following the re-investment of dividends paid to shareholders on 12 January 2017 on Ordinary Shares held in the Company's 2009 Deferred Annual

Bonus Plan.

Price(s) Volume(s)

£15.66 161.014 (personal contribution)

£15.66 161.001 (personal contribution)

£15.66 115.614 (personal contribution)

b) Nature of the transaction

£15.66 115.614 (personal contribution)

£15.66 188.068 (personal contribution)

£15.66 188.068 (personal contribution)

£15.66 161.014 (matching shares)

£15.66 161.001 (matching shares)

£15.66 115.614 (matching shares)

£15.66 115.614 (matching shares)

£15.66 188.068 (matching shares)

£15.66 188.068 (matching shares)

d) Aggregated information 1,858.758 Aggregated volume Price £15.66

e) Date of the transaction 2017-01-12

f) Place of the transaction n/a

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: January 16, 2017

By: VICTORIA WHYTE-

Victoria Whyte

Authorised Signatory for and on

behalf of GlaxoSmithKline plc