





Director/PDMR Shareholding

October 3, 2017 – Shire plc (LSE: SHP, NASDAQ: SHPG)

Notification of transactions by persons discharging managerial responsibilities

1.	-	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")	
a)	Name	Susan Kilsby	
2.	Reason for the notif	ication	
a)	Position / status	Chairman - PDMR	
b)	Initial notification / amendment	Initial notification	
3.	Details of the issuer auctioneer or auction	, emission allowance participa n monitor	nt, auction platform,
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
4.		ction(s): section to be repeated for (i) each type of type of transaction; (iii) each date; and (iv) each place where een conducted	
a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs")	
	Identification code	ISIN: US82481R1068	
b)	Nature of the transaction	Acquisition of ADSs, being the are paid in ADSs for the period September 30, 2017.	part of Ms. Kilsby's total fees that of service from July 1 to
c)	Price(s) and	Price(s)	Volume(s)
	volume(s)	See appe	endix below
d)	Aggregated	Weighted average price	Volume
	information - Aggregated volume - Price	\$152.5659	178
e)	Date of the transaction	September 29, 2017	
f)	Place of the transaction	XNAS / ARCX / MSPL	

1.	Details of the persor closely associated w	n discharging managerial responsibilities ("PDMR") / person /ith them ("PCA")
a)	Name	William Burns

2.	Reason for the notification			
a)	Position / status	Senior Independent Director - PDMR		
b)	Initial notification / amendment	Initial notification	Initial notification	
3.	Details of the issuer auctioneer or auctio		emission allowance participant, auction platform, monitor	
a)	Name	Shire plc		
b)	LEI	54930005LQRLI2UXRQ59		
4.		ction(s): section to be repeated for (i) each type of type of transaction; (iii) each date; and (iv) each place where een conducted		
a)	Description of the financial instrument, type of instrument	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares")		
	Identification code	ISIN: JE00B2QKY057		
b)	Nature of the transaction	Acquisition of Ordinary Shares, being the part of Mr. Burns' total fees that are paid in Ordinary Shares for the period of service from July 1 to September 30, 2017.		
c)	Price(s) and	Price(s)	Volume(s)	
	volume(s)	See appe	endix below	
d)	Aggregated	Weighted average price	Volume	
	information - Aggregated volume - Price	£37.8504	193	
e)	Date of the transaction	September 29, 2017		
f)	Place of the transaction	XLON / BATE / CHIX / MSPL / TRQX		

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")	
a)	Name	Dominic Blakemore
2.	Reason for the notif	ication
a)	Position / status	Non-Executive Director - PDMR
b)	Initial notification / amendment	Initial notification
3.	Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor	
a)	Name	Shire plc
b)	LEI	54930005LQRLI2UXRQ59
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted	

a)	Description of the financial instrument, type of instrument	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares")	
	Identification code	ISIN: JE00B2QKY057	
b)	Nature of the transaction	Acquisition of Ordinary Shares, being the part of Mr. Blakemore's total fees that are paid in Ordinary Shares for the period of service from July 1 to September 30, 2017.	
c)	Price(s) and	Price(s)	Volume(s)
	volume(s)	See appendix below	
d)	Aggregated	Weighted average price	Volume
	information - Aggregated volume - Price	£37.8504	180
e)	Date of the transaction	September 29, 2017	
f)	Place of the transaction	XLON / BATE / CHIX / MSPL / TRQX	

1.		Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")		
a)	Name	Olivier Bohuon		
2.	Reason for the notif	Reason for the notification		
a)	Position / status	Non-Executive Director - PDMR	2	
b)	Initial notification / amendment	Initial notification		
3.	Details of the issuer auctioneer or auctio	, emission allowance participar n monitor	nt, auction platform,	
a)	Name	Shire plc	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59		
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted			
a)	Description of the financial instrument, type of instrument	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares")		
	Identification code	ISIN: JE00B2QKY057		
b)	Nature of the transaction	Acquisition of Ordinary Shares, being the part of Mr. Bohuon's total fees that are paid in Ordinary Shares for the period of service from July 1 to September 30, 2017.		
c)	Price(s) and	Price(s)	Volume(s)	
	volume(s) See append		ndix below	
d)	Aggregated	Weighted average price	Volume	

	information - Aggregated volume - Price	£37.8504	170
e)	Date of the transaction	September 29, 2017	
f)	Place of the transaction	XLON / BATE / CHIX / MSPL / TRQX	

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")		
a)	Name	lan Clark	
2.	Reason for the notif	ication	
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
3.	Details of the issuer auctioneer or auction	, emission allowance participant n monitor	t, auction platform,
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		
a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs")	
	Identification code	ISIN: US82481R1068	
b)	Identification code Nature of the transaction	Acquisition of ADSs, being the particular of ADSs for the period of September 30, 2017.	
b) c)	Nature of the transaction Price(s) and	Acquisition of ADSs, being the part of ADSs for the period of ADSs f	
	Nature of the transaction	Acquisition of ADSs, being the part of ADSs for the period of September 30, 2017.	of service from July 1 to Volume(s)
,	Nature of the transaction Price(s) and volume(s) Aggregated	Acquisition of ADSs, being the part of ADSs for the period of September 30, 2017. Price(s)	of service from July 1 to Volume(s)
c)	Nature of the transaction Price(s) and volume(s)	Acquisition of ADSs, being the pare paid in ADSs for the period of September 30, 2017. Price(s)	of service from July 1 to Volume(s) ndix below
c)	Nature of the transaction Price(s) and volume(s) Aggregated information - Aggregated volume	Acquisition of ADSs, being the pare paid in ADSs for the period of September 30, 2017. Price(s) See appen Weighted average price	of service from July 1 to Volume(s) ndix below Volume

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")	
a)	Name	Gail Fosler

2.	Reason for the notification			
a)	Position / status	Non-Executive Director - PDMR	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification		
3.	Details of the issuer auctioneer or auctio	, emission allowance participant, auction platform, n monitor		
a)	Name	Shire plc		
b)	LEI	54930005LQRLI2UXRQ59		
4.		ction(s): section to be repeated for (i) each type of type of transaction; (iii) each date; and (iv) each place where een conducted		
a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs")		
	Identification code	ISIN: US82481R1068		
b)	Nature of the transaction	Acquisition of ADSs, being the part of Ms. Fosler's total fees that are paid in ADSs for the period of service from July 1 to September 30, 2017.		
c)	Price(s) and	Price(s)	Volume(s)	
	volume(s)	See appe	ndix below	
d)	Aggregated	Weighted average price	Volume	
	information - Aggregated volume - Price	\$152.5659	48	
e)	Date of the transaction	September 29, 2017	1	
f)	Place of the transaction	XNAS / ARCX / MSPL		

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")	
a)	Name	Steven Gillis
2.	Reason for the notifi	ication
a)	Position / status	Non-Executive Director - PDMR
b)	Initial notification / amendment	Initial notification
3.	Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor	
a)	Name	Shire plc
b)	LEI	54930005LQRLI2UXRQ59
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted	

a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs")	
	Identification code	ISIN: US82481R1068	
b)	Nature of the transaction	Acquisition of ADSs, being the part of Dr. Gillis' total fees that are paid in ADSs for the period of service from July 1 to September 30, 2017.	
C)	Price(s) and	Price(s)	Volume(s)
	volume(s)	See appendix below	
d)	Aggregated	Weighted average price	Volume
	information - Aggregated volume - Price	\$152.5659	58
e)	Date of the transaction	September 29, 2017	
f)	Place of the transaction	XNAS / ARCX / MSPL	

1.	Details of the person closely associated v	n discharging managerial responsibilities ("PDMR") / person vith them ("PCA")			
a)	Name	David Ginsburg	David Ginsburg		
2.	Reason for the notif	ication	cation		
a)	Position / status	Non-Executive Director - PDMR	2		
b)	Initial notification / amendment	Initial notification			
3.	Details of the issuer auctioneer or auctio	ne issuer, emission allowance participant, auction platform, or auction monitor			
a)	Name	Shire plc			
b)	LEI	54930005LQRLI2UXRQ59			
4.		ction(s): section to be repeated for (i) each type of type of transaction; (iii) each date; and (iv) each place where een conducted			
a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs")			
	Identification code	ISIN: US82481R1068			
b)	Nature of the transaction	Acquisition of ADSs, being the part of Dr. Ginsburg's total fees that are paid in ADSs for the period of service from July 1 to September 30, 2017.			
c)	Price(s) and	Price(s)	Volume(s)		
	volume(s)	See appe	ndix below		
d)	Aggregated	Weighted average price Volume			

	information - Aggregated volume - Price	\$152.5659	54
e)	Date of the transaction	September 29, 2017	
f)	Place of the transaction	XNAS / ARCX / MSPL	

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")			
a)	Name	Sara Mathew		
2.	Reason for the notif	cation		
a)	Position / status	Non-Executive Director - PDMR		
b)	Initial notification / amendment	Initial notification		
3.	Details of the issuer auctioneer or auction	, emission allowance participant, auction platform, n monitor		
a)	Name	Shire plc		
b)	LEI	54930005LQRLI2UXRQ59		
4.		ction(s): section to be repeated for (i) each type of type of transaction; (iii) each date; and (iv) each place where een conducted		
a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs")		
	Identification code	ISIN: US82481R1068		
b)	Nature of the transaction	Acquisition of ADSs, being the part that are paid in ADSs for the period September 30, 2017.		
b) c)		that are paid in ADSs for the period		
	transaction	that are paid in ADSs for the period September 30, 2017.	d of service from July 1 to Volume(s)	
,	transaction Price(s) and volume(s) Aggregated	that are paid in ADSs for the period September 30, 2017. Price(s)	d of service from July 1 to Volume(s)	
c)	transaction Price(s) and volume(s)	that are paid in ADSs for the period September 30, 2017. Price(s) See appendi	d of service from July 1 to Volume(s) ix below	
c)	transaction Price(s) and volume(s) Aggregated information - Aggregated volume	that are paid in ADSs for the period September 30, 2017. Price(s) See appendi Weighted average price	d of service from July 1 to Volume(s) ix below Volume	

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")	
a)	Name	Anne Minto

2.	Reason for the notification			
a)	Position / status	Non-Executive Director - PDMR		
b)	Initial notification / amendment	Initial notification		
3.	Details of the issuer auctioneer or auctio	emission allowance participant, auction platform, n monitor		
a)	Name	Shire plc	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	54930005LQRLI2UXRQ59	
4.		ction(s): section to be repeated for (i) each type of type of transaction; (iii) each date; and (iv) each place where een conducted		
a)	Description of the financial instrument, type of instrument	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares") ISIN: JE00B2QKY057		
	Identification code			
b)	Nature of the transaction	Acquisition of Ordinary Shares, being the part of Ms. Minto's total fees that are paid in Ordinary Shares for the period of service from July 1 to September 30, 2017.		
c)	Price(s) and	Price(s)	Volume(s)	
	volume(s)	See appendix below		
d)	Aggregated	Weighted average price	Volume	
	information - Aggregated volume - Price	£37.8504	190	
e)	Date of the transaction	September 29, 2017		
f)	Place of the transaction	XLON / BATE / CHIX / MSPL / '	TRQX	

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")		
a)	Name	Albert Stroucken	
2.	Reason for the notification		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
3.	Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
4.	Details of the transaction(s): section to be repeated for (i) each type of instrument; (ii) each type of transaction; (iii) each date; and (iv) each place where transactions have been conducted		

a)	Description of the financial instrument, type of instrument	Shire plc American Depositary Shares ("ADSs") ISIN: US82481R1068		
	Identification code			
b)	Nature of the transaction	Acquisition of ADSs, being the part of Mr. Stroucken's total fees that are paid in ADSs for the period of service from July 1 to September 30, 2017.		
c)	Price(s) and	Price(s)	Volume(s)	
	volume(s)	See appendix below		
d)	Aggregated	Weighted average price	Volume	
	information - Aggregated volume - Price	\$152.5659	59	
e)	Date of the transaction	September 29, 2017		
f)	Place of the transaction	XNAS / ARCX / MSPL		

Appendix: individual / aggregated transaction details for PDMRs

Shire plc American Depositary Shares			
Place of the transaction	Price(s)	Volume(s)	
XNAS	\$152.5900	100	
ARCX	\$152.5900	97	
MSPL	\$152.5500	300	
	Weighted average price	Aggregated volume	
Total	\$152.5659	497	
Shire Place of the transaction	plc Ordinary Shares of 5 pence		
XLON	Price(s) £37.8500	Volume(s) 242	
XLON	£37.8500	91	
XLON	£37.8500	91	
BATE	£37.8500	2	
BATE	£37.8500	75	
CHIX	£37.8500	165	
MSPL	£37.9150	4	
TRQX	£37.8500	63	
Place of the transaction	Weighted average price	Aggregated volume	
XLON	£37.8500	424	
BATE	£37.8500	77	
CHIX	£37.8500	165	
MSPL	£37.9150	4	
TRQX	£37.8500	63	
Total	£37.8504	733	

Oliver Strawbridge Senior Assistant Company Secretary

For further information please contact:

Investor	Relations
11100000	Relations

lan Karp	ikarp@shire.com	+1 781 482 9018
Robert Coates	rcoates@shire.com	+44 1256 894874
Media		
Lisa Adler	lisa.adler@shire.com	+1 617 588 8607
Katie Joyce	kjoyce@shire.com	+1 781 482 2779

NOTES TO EDITORS

About Shire

Shire is the leading global biotechnology company focused on serving people with rare diseases. We strive to develop best-in-class products, many of which are available in more than 100 countries, across core therapeutic areas including Hematology, Immunology, Neuroscience, Ophthalmics, Lysosomal Storage Disorders, Gastrointestinal / Internal Medicine / Endocrine and Hereditary Angioedema; and a growing franchise in Oncology.

Our employees come to work every day with a shared mission: to develop and deliver breakthrough therapies for the hundreds of millions of people in the world affected by rare diseases and other high-need conditions, and who lack effective therapies to live their lives to the fullest.

www.shire.com