

Director/PDMR Shareholding

April 3, 2018 – 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 notification		
a)	Position / status	Chairman – 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 Identification code	Shire plc American Depositary Shares (“ADSs”) ISIN: US82481R1068	
b)	Nature of the transaction	Acquisition of ADSs, being the part of Ms. Kilsby’s total fees that are paid in ADSs for the period of service from January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$146.50	205
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX	

1.	Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)	
a)	Name	William Burns

2.	Reason for the notification		
a)	Position / status	Senior Independent 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 Identification code	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares") 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 January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		£34.5451	187
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	LSE / CHIX	

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")	
a)	Name	Dominic Blakemore
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 Identification code	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares") 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 January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		£34.5451	184
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	LSE / CHIX	

1.	Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")		
a)	Name	Olivier Bohuon	
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 Identification code	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares") 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 January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated	Weighted average price	Volume

	information - Aggregated volume - Price	£34.5451	163
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	LSE / CHIX	

1.	Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)		
a)	Name	Ian Clark	
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 Identification code	Shire plc American Depositary Shares (“ADSs”) ISIN: US82481R1068	
b)	Nature of the transaction	Acquisition of ADSs, being the part of Mr. Clark’s total fees that are paid in ADSs for the period of service from January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$146.50	65
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX	

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	
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 Identification code	Shire plc American Depositary Shares (“ADSs”) 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 January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$146.50	62
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX	

1.	Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)		
a)	Name	Steven Gillis	
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 Identification code	Shire plc American Depositary Shares (“ADSs”) 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 January 1 to March 31, 2018.
c)	Price(s) and volume(s)	Price(s)
		Volume(s)
See appendix below		
d)	Aggregated information - Aggregated volume - Price	Weighted average price
		Volume
		\$146.50
		71
e)	Date of the transaction	March 29, 2018
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX

1.	Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)	
a)	Name	David Ginsburg
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 Identification code	Shire plc American Depositary Shares (“ADSs”) 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 January 1 to March 31, 2018.
c)	Price(s) and volume(s)	Price(s)
		Volume(s)
See appendix below		

d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$146.50	66
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX	

1.	Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)		
a)	Name	Sara Mathew	
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 Identification code	Shire plc American Depositary Shares (“ADSs”) ISIN: US82481R1068	
b)	Nature of the transaction	Acquisition of ADSs, being the part of Ms. Mathew’s total fees that are paid in ADSs for the period of service from January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$146.50	57
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX	

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, 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 Identification code	Shire plc Ordinary Shares of 5 pence each ("Ordinary Shares") ISIN: JE00B2QKY057	
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 January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		£34.5451	184
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	LSE / CHIX	

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 Identification code	Shire plc American Depositary Shares (“ADSs”) ISIN: US82481R1068	
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 January 1 to March 31, 2018.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$146.50	86
e)	Date of the transaction	March 29, 2018	
f)	Place of the transaction	ARCX / BYXX / NSDQ / BATS / XEDGX	

Appendix: individual / aggregated transaction details for PDMRs

Shire plc American Depositary Shares		
Place of the transaction	Price(s)	Volume(s)
ARCX	\$146.50	100
BYXX	\$146.50	100
NSDQ	\$146.50	100
NSDQ	\$146.50	100
BATS	\$146.50	100
XEDGX	\$146.50	12
NSDQ	\$146.50	100
Place of the transaction	Weighted average price	Aggregated volume
ARCX	\$146.50	100
BYXX	\$146.50	100
NSDQ	\$146.50	300
BATS	\$146.50	100
XEDGX	\$146.50	12
Total	\$146.50	612

Shire plc Ordinary Shares of 5 pence each		
Place of the transaction	Price(s)	Volume(s)
LSE	£34.55	1
CHIX	£34.58	71
CHIX	£34.57	127
CHIX	£34.58	150
LSE	£34.48	76
CHIX	£34.57	146
LSE	£34.48	147
Place of the transaction	Weighted average price	Aggregated volume
LSE	£34.4803	224
CHIX	£34.5745	494

Total	£34.5451	718
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NOTES TO EDITORS

About Shire

Shire is the global leader in serving patients with rare diseases. We strive to develop best-in-class therapies across a core of rare disease areas including hematology, immunology, genetic diseases, neuroscience, and internal medicine with growing therapeutic areas in ophthalmics and oncology. Our diversified capabilities enable us to reach patients in more than 100 countries who are struggling to live their lives to the fullest.

We feel a strong sense of urgency to address unmet medical needs and work tirelessly to improve people's lives with medicines that have a meaningful impact on patients and all who support them on their journey.

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