

## Director/PDMR Shareholding

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

### Notification of transactions by persons discharging managerial responsibilities

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>		
a)	Name	Susan Kilsby	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Chairman - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$164.4008	162
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

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

<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Senior Independent Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		£42.5500	156
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XLON / BATE	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")</b>	
a)	Name	Dominic Blakemore
<b>2.</b>	<b>Reason for the notification</b>	
a)	Position / status	Non-Executive Director - PDMR
b)	Initial notification / amendment	Initial notification
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>	
a)	Name	Shire plc
b)	LEI	54930005LQRLI2UXRQ59
<b>4.</b>	<b>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</b>	

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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		£42.5500	152
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XLON / BATE	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")</b>		
a)	Name	Olivier Bohuon	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated	Weighted average price	Volume

	information - Aggregated volume - Price	£42.5500	136
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XLON / BATE	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>		
a)	Name	Ian Clark	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$164.4008	42
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>	
a)	Name	Gail Fosler

<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$164.4008	44
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")</b>	
a)	Name	Steven Gillis
<b>2.</b>	<b>Reason for the notification</b>	
a)	Position / status	Non-Executive Director - PDMR
b)	Initial notification / amendment	Initial notification
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>	
a)	Name	Shire plc
b)	LEI	54930005LQRLI2UXRQ59
<b>4.</b>	<b>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</b>	

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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$164.4008	47
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>		
a)	Name	David Ginsburg	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated	Weighted average price	Volume

	information - Aggregated volume - Price	\$164.4008	48
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>		
a)	Name	Sara Mathew	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$164.4008	46
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>	
a)	Name	Anne Minto

<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		
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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		£42.5500	153
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XLON / BATE	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")</b>		
a)	Name	Albert Stroucken	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Non-Executive Director - PDMR	
b)	Initial notification / amendment	Initial notification	
<b>3.</b>	<b>Details of the issuer, emission allowance participant, auction platform, auctioneer or auction monitor</b>		
a)	Name	Shire plc	
b)	LEI	54930005LQRLI2UXRQ59	
<b>4.</b>	<b>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</b>		



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 April 1 to June 30, 2017.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		See appendix below	
d)	Aggregated information - Aggregated volume - Price	Weighted average price	Volume
		\$164.4008	48
e)	Date of the transaction	June 30, 2017	
f)	Place of the transaction	XNAS / ARCX	

**Appendix: individual / aggregated transaction details for PDMRs**

Shire plc American Depositary Shares		
Place of the transaction	Price(s)	Volume(s)
ARCX	\$164.3900	100
XNAS	\$164.3900	100
XNAS	\$164.4100	37
XNAS	\$164.4100	200
Place of the transaction	Weighted average price	Aggregated volume
ARCX	\$164.3900	100
XNAS	\$164.4041	337
<b>Total</b>	<b>\$164.4008</b>	<b>437</b>
Shire plc Ordinary Shares of 5 pence each		
Place of the transaction	Price(s)	Volume(s)
XLON	£42.5500	117
XLON	£42.5500	70
XLON	£42.5500	58
XLON	£42.5500	46
XLON	£42.5500	49
XLON	£42.5500	150
XLON	£42.5500	11
BATE	£42.5500	96
Place of the transaction	Weighted average price	Aggregated volume
XLON	£42.5500	501
BATE	£42.5500	96
<b>Total</b>	<b>£42.5500</b>	<b>597</b>

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**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.

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