

## Director/PDMR Shareholding

November 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	Flemming Ornskov	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Chief Executive Officer - 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	Shire plc American Depositary Shares (“ADSs”)	
	Identification code	ISIN: US82481R1068	
b)	Nature of the transaction	Automatic exercise of option over notional ADSs granted under the Shire Global Employee Stock Purchase Plan on November 1, 2016, and consequent receipt of ADSs.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		\$123.90	100
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)	
e)	Date of the transaction	October 31, 2017	
f)	Place of the transaction	N/A	

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

<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Chief Financial Officer - 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	Automatic exercise of option over notional ADSs granted under the Shire Global Employee Stock Purchase Plan on November 1, 2016, and consequent receipt of ADSs.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		\$123.90	100
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)	
e)	Date of the transaction	October 31, 2017	
f)	Place of the transaction	N/A	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities ("PDMR") / person closely associated with them ("PCA")</b>		
a)	Name	Joanne Cordeiro	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Chief Human Resources Officer - 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	Automatic exercise of option over notional ADSs granted under the Shire Global Employee Stock Purchase Plan on November 1, 2016, and consequent receipt of ADSs.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		\$123.90	52
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)	
e)	Date of the transaction	October 31, 2017	
f)	Place of the transaction	N/A	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>		
a)	Name	Bill Mordan	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	General Counsel and Company Secretary - 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	Automatic exercise of option over notional ADSs granted under the Shire Global Employee Stock Purchase Plan on November 1, 2016, and consequent receipt of ADSs.	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		\$123.90	100

d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)
e)	Date of the transaction	October 31, 2017
f)	Place of the transaction	N/A

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>					
a)	Name	Perry Sternberg				
<b>2.</b>	<b>Reason for the notification</b>					
a)	Position / status	Head of US Commercial - 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	Automatic exercise of option over notional ADSs granted under the Shire Global Employee Stock Purchase Plan on November 1, 2016, and consequent receipt of ADSs.				
c)	Price(s) and volume(s)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Price(s)</th> <th style="width: 50%;">Volume(s)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">\$123.90</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>	Price(s)	Volume(s)	\$123.90	100
Price(s)	Volume(s)					
\$123.90	100					
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)				
e)	Date of the transaction	October 31, 2017				
f)	Place of the transaction	N/A				

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

<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Head of International Commercial - 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	Automatic exercise of option over notional Ordinary Shares granted under the Shire Global Employee Stock Purchase Plan on November 1, 2016, and consequent receipt of Ordinary Shares.  (Details of related disposal of Ordinary Shares are referenced in section 5. below.)	
c)	Price(s) and volume(s)	Price(s)	Volume(s)
		£31.41	296
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)	
e)	Date of the transaction	October 31, 2017	
f)	Place of the transaction	N/A	
<b>5.</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	Automatic disposal of Ordinary Shares related to the automatic option exercise referenced in section 4. above. The proceeds of this disposal were used to satisfy personal tax liabilities arising from the option exercise.	
c)	Price(s) and	Price(s)	Volume(s)

	volume(s)	£37.2071	14
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)	
e)	Date of the transaction	October 31, 2017	
f)	Place of the transaction	London Stock Exchange (XLON)	

<b>1.</b>	<b>Details of the person discharging managerial responsibilities (“PDMR”) / person closely associated with them (“PCA”)</b>		
a)	Name	Matt Walker	
<b>2.</b>	<b>Reason for the notification</b>		
a)	Position / status	Head of Technical Operations - 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>		
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c)	Price(s) and volume(s)	Price(s)	Volume(s)
		\$123.90	100
d)	Aggregated information - Aggregated volume - Price	N/A (single transaction)	
e)	Date of the transaction	October 31, 2017	
f)	Place of the transaction	N/A	

Sarah Rixon  
Company Secretarial Assistant

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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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