

Investor information

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Financial record

Quarterly trend

An unaudited analysis of the Group results is provided by quarter in Sterling for the financial year 2018.

Income statement – Total

	12 months 2018			Q4 2018		
	£m	£%	Reported CER%	£m	£%	Reported CER%
Turnover						
Pharmaceuticals	17,269	–	2	4,810	6	4
Vaccines	5,894	14	16	1,479	22	18
Consumer Healthcare	7,658	(1)	2	1,908	1	1
Total turnover	30,821	2	5	8,197	7	5
Cost of sales	(10,241)	(1)	–	(2,904)	14	13
Selling, general and administration	(9,915)	3	5	(2,620)	3	1
Research and development	(3,893)	(13)	(12)	(1,076)	(11)	(14)
Royalty income	299	(16)	(17)	79	14	6
Other operating income/(expense)	(1,588)			(122)		
Operating profit	5,483	34	43	1,554	>100	>100
Net finance costs	(717)			(185)		
Profit on disposal of associates	3			–		
Share of after tax profits of associates and joint ventures	31			5		
Profit before taxation	4,800	36	46	1,374	>100	>100
Taxation	(754)			(74)		
Tax rate %	15.7%			5.4%		
Profit after taxation for the period	4,046	87	100	1,300	>100	>100
Profit attributable to non-controlling interests	423			85		
Profit attributable to shareholders	3,623			1,215		
Basic earnings per share (pence)	73.7p	>100	>100	24.7p	>100	>100
Diluted earnings per share (pence)	72.9p			24.4p		

Income statement – Adjusted

Total turnover	30,821	2	5	8,197	7	5
Cost of sales	(9,178)	5	6	(2,532)	12	12
Selling, general and administration	(9,462)	1	4	(2,529)	5	3
Research and development	(3,735)	(3)	(2)	(1,019)	3	(1)
Royalty income	299	(16)	(17)	79	14	6
Operating profit	8,745	2	6	2,196	8	4
Net finance costs	(698)			(173)		
Share of after tax profits of associates and joint ventures	31			5		
Profit before taxation	8,078	2	6	2,028	6	2
Taxation	(1,535)			(355)		
Tax rate %	19.0%			17.5%		
Profit after taxation for the period	6,543	5	9	1,673	10	6
Profit attributable to non-controlling interests	674			139		
Profit attributable to shareholders	5,869			1,534		
Adjusted earnings per share (pence)	119.4p	7	12	31.2p	14	10

⊕ The calculation of Adjusted results is described on page 40.

Quarterly trend continued

Q3 2018			Q2 2018			Q1 2018		
£m	Reported		£m	Reported		£m	Reported	
	£%	CER%		£%	CER%		£%	CER%
4,221	1	3	4,229	(3)	1	4,009	(4)	2
1,924	14	17	1,253	13	16	1,238	7	13
1,947	(1)	3	1,828	(1)	3	1,975	(3)	2
8,092	3	6	7,310	–	4	7,222	(2)	4
(2,636)	(1)	–	(2,310)	(12)	(10)	(2,391)	(5)	(3)
(2,527)	9	12	(2,457)	3	8	(2,311)	(6)	(2)
(988)	(6)	(5)	(925)	(27)	(25)	(904)	(6)	(1)
94	(12)	(13)	73	(26)	(23)	53	(35)	(34)
(125)			(912)			(429)		
1,910	2	7	779	>100	>100	1,240	(28)	(15)
(223)			(167)			(142)		
3			–			–		
15			2			9		
1,705	–	5	614	>100	>100	1,107	(29)	(15)
(193)			(139)			(348)		
11.3%			22.6%			31.4%		
1,512	8	14	475	>100	>100	759	(38)	(24)
94			34			210		
1,418			441			549		
28.8p	16	23	9.0p	>100	>100	11.2p	(48)	(33)
28.5p			8.9p			11.1p		
8,092	3	6	7,310	–	4	7,222	(2)	4
(2,388)	4	5	(2,079)	5	7	(2,179)	(2)	–
(2,313)	1	4	(2,334)	2	6	(2,286)	(3)	2
(961)	7	8	(868)	(18)	(15)	(887)	(3)	2
94	(12)	(13)	73	(26)	(23)	53	(35)	(34)
2,524	2	6	2,102	1	7	1,923	(3)	9
(221)			(165)			(139)		
15			2			9		
2,318	1	5	1,939	2	8	1,793	(1)	11
(430)			(388)			(362)		
18.6%			20.0%			20.2%		
1,888	4	8	1,551	3	10	1,431	1	13
141			170			224		
1,747			1,381			1,207		
35.5p	10	14	28.1p	3	10	24.6p	(2)	11

Financial record continued

Pharmaceutical turnover by therapeutic area 2018

Therapeutic area/major products	Total				US			Europe			International		
	2018 £m	2017 £m	£%	Growth CER%	2018 £m	£%	Growth CER%	2018 £m	£%	Growth CER%	2018 £m	£%	Growth CER%
Respiratory	6,928	6,991	(1)	1	3,368	(5)	(3)	1,533	5	4	2,027	3	7
<i>Seretide/Advair</i>	2,422	3,130	(23)	(21)	1,097	(32)	(30)	599	(19)	(20)	726	(7)	(4)
<i>Ellipta products</i>	2,049	1,586	29	32	1,245	24	27	457	42	41	347	33	38
<i>Anoro Ellipta</i>	476	342	39	42	318	36	39	101	46	45	57	46	54
<i>Arnuit Ellipta</i>	44	35	26	29	39	22	25	-	-	-	5	67	67
<i>Incruse Ellipta</i>	284	201	41	44	186	39	42	74	45	45	24	50	56
<i>Relvar/Breo Ellipta</i>	1,089	1,006	8	10	581	(3)	(1)	253	25	24	255	26	31
<i>Trelegy Ellipta</i>	156	2	>100	>100	121	>100	>100	29	>100	>100	6	-	-
<i>Nucala/Mepolizumab</i>	563	344	64	66	341	44	48	152	>100	>100	70	84	89
<i>Avamys/Veramyst</i>	300	281	7	10	-	-	-	74	(3)	(4)	226	11	16
<i>Flixotide/Flovent</i>	595	596	-	3	333	3	6	93	(2)	(3)	169	(5)	1
<i>Ventolin</i>	737	767	(4)	(1)	352	(7)	(5)	130	(2)	(2)	255	-	7
<i>Other</i>	262	287	(9)	(7)	-	-	-	28	4	-	234	(9)	(7)
HIV	4,722	4,350	9	11	2,913	8	10	1,194	7	6	615	14	20
<i>Dolutegravir products</i>	4,420	3,870	14	16	2,830	11	13	1,091	18	17	499	28	35
<i>Tivicay</i>	1,639	1,404	17	19	1,036	12	15	377	20	18	226	37	47
<i>Triumeq</i>	2,648	2,461	8	9	1,670	2	5	706	17	15	272	21	25
<i>Juluca</i>	133	5	>100	>100	124	>100	>100	8	-	-	1	-	-
<i>Epzicom/Kivexa</i>	117	234	(50)	(48)	7	(74)	(74)	44	(61)	(61)	66	(28)	(24)
<i>Selzentry</i>	115	128	(10)	(9)	58	(12)	(11)	35	(17)	(17)	22	10	15
<i>Other</i>	70	118	(41)	(40)	18	(59)	(59)	24	(35)	(38)	28	(26)	(21)
Immuno-inflammation	472	377	25	28	420	24	27	36	33	33	16	45	64
<i>Benlysta</i>	473	375	26	29	420	24	27	37	37	33	16	60	80
Established pharmaceuticals	5,147	5,558	(7)	(4)	752	(23)	(21)	1,309	(5)	(7)	3,086	(4)	2
<i>Dermatology</i>	435	456	(4)	-	3	(57)	(57)	161	(1)	(2)	271	(5)	2
<i>Augmentin</i>	570	587	(3)	2	-	-	-	181	(1)	(2)	389	(4)	3
<i>Avodart</i>	572	613	(7)	(5)	12	(20)	(20)	240	(19)	(20)	320	6	11
<i>Coreg</i>	50	134	(63)	(63)	50	(63)	(63)	-	-	-	-	-	-
<i>Eperzan/Tanzeum</i>	31	87	(64)	(64)	30	(64)	(63)	1	(60)	(61)	-	-	-
<i>Imigran/Imitrex</i>	141	168	(16)	(16)	58	(25)	(23)	57	(12)	(14)	26	-	-
<i>Lamictal</i>	617	650	(5)	(3)	310	(7)	(5)	113	6	5	194	(8)	(4)
<i>Requip</i>	85	110	(23)	(21)	5	(58)	(58)	28	(3)	(7)	52	(25)	(20)
<i>Serevent</i>	82	96	(15)	(14)	43	(17)	(15)	30	(9)	(9)	9	(18)	(18)
<i>Seroxat/Paxil</i>	170	184	(8)	(5)	-	-	-	39	-	-	131	(10)	(7)
<i>Valtrex</i>	123	128	(4)	(1)	21	5	5	30	3	3	72	(9)	(4)
<i>Zelfix</i>	69	89	(22)	(22)	1	-	-	5	(17)	(17)	63	(23)	(23)
<i>Other</i>	2,202	2,256	(2)	1	219	(10)	(6)	424	(2)	(3)	1,559	(1)	4
Pharmaceuticals	17,269	17,276	-	2	7,453	(2)	1	4,072	2	1	5,744	-	5

Pharmaceutical turnover by therapeutic area 2017

Therapeutic area/major products	Total				US			Europe			International		
	2017	2016	Growth		2017	Growth		2017	Growth		2017	Growth	
	£m	£m	£%	CER%	£m	£%	CER%	£m	£%	CER%	£m	£%	CER%
Respiratory	6,991	6,510	7	3	3,556	8	3	1,458	5	-	1,977	9	5
<i>Seretide/Advair</i>	3,130	3,485	(10)	(14)	1,610	(12)	(16)	736	(12)	(17)	784	(5)	(8)
<i>Ellipta products</i>	1,586	950	67	59	1,004	72	65	322	59	51	260	58	50
<i>Anoro Ellipta</i>	342	201	70	63	234	68	61	69	77	67	39	70	65
<i>Arnuity Ellipta</i>	35	15	>100	>100	32	>100	>100	-	-	-	3	>100	>100
<i>Incruse Ellipta</i>	201	114	76	68	134	56	49	51	>100	>100	16	>100	>100
<i>Relvar/Breo Ellipta</i>	1,006	620	62	55	602	75	67	202	44	36	202	49	42
<i>Trelegy Ellipta</i>	2	-	-	-	2	-	-	-	-	-	-	-	-
<i>Nucala/Mepolizumab</i>	344	102	>100	>100	236	>100	>100	70	>100	>100	38	>100	>100
<i>Avamys/Veramyst</i>	281	277	1	(4)	1	(96)	(96)	76	3	(3)	204	15	9
<i>Flixotide/Flovent</i>	596	637	(6)	(10)	323	(15)	(18)	95	1	(5)	178	8	5
<i>Ventolin</i>	767	785	(2)	(6)	380	(10)	(14)	132	4	(2)	255	8	5
<i>Other</i>	287	274	5	3	2	>(100)	3	27	(4)	(4)	258	4	3
HIV	4,350	3,556	22	16	2,697	26	21	1,114	10	3	539	33	26
<i>Dolutegravir products</i>	3,870	2,688	44	37	2,560	42	35	921	39	31	389	77	70
<i>Tivicay</i>	1,404	953	47	40	923	44	38	315	39	30	166	95	88
<i>Triumeq</i>	2,461	1,735	42	35	1,632	40	34	606	39	31	223	66	58
<i>Juluca</i>	5	-	-	-	5	-	-	-	-	-	-	-	-
<i>Epzicom/Kivexa</i>	234	568	(59)	(61)	27	(86)	(87)	114	(54)	(57)	93	(22)	(25)
<i>Selzentry</i>	128	125	2	(2)	66	-	(5)	42	1	(4)	20	15	11
<i>Other</i>	118	175	(32)	(37)	44	(28)	(31)	37	(41)	(44)	37	(28)	(35)
Immuno-inflammation	377	340	11	6	339	9	5	27	29	24	11	37	-
<i>Benlysta</i>	375	306	23	17	338	22	17	27	29	19	10	26	26
Established pharmaceuticals	5,558	5,698	(2)	(5)	976	(10)	(14)	1,384	(5)	(11)	3,198	2	-
<i>Dermatology</i>	456	393	16	11	7	(56)	(56)	162	11	5	287	24	20
<i>Augmentin</i>	587	563	4	2	-	-	-	182	3	(4)	405	5	5
<i>Avodart</i>	613	635	(3)	(9)	15	(79)	(79)	297	(6)	(12)	301	21	16
<i>Coreg</i>	134	131	2	(2)	134	2	(2)	-	-	-	-	-	-
<i>Eperzan/Tanzeum</i>	87	121	(28)	(31)	83	(30)	(32)	3	-	-	1	>(100)	(100)
<i>Imigran/Imitrex</i>	168	177	(5)	(8)	77	(9)	(12)	65	5	-	26	(13)	(17)
<i>Lamictal</i>	650	614	6	1	332	6	1	107	1	(5)	211	8	5
<i>Requip</i>	110	116	(5)	(9)	12	(8)	(15)	29	(3)	(13)	69	(5)	(5)
<i>Serevent</i>	96	96	-	(4)	52	6	2	33	(6)	(11)	11	(8)	(8)
<i>Seroxat/Paxil</i>	184	206	(11)	(14)	-	-	-	39	(3)	(8)	145	(4)	(7)
<i>Valtrex</i>	128	118	8	3	20	25	19	29	16	12	79	3	(3)
<i>Zeffix</i>	89	111	(20)	(22)	1	(50)	(50)	6	(14)	(29)	82	(20)	(21)
<i>Other</i>	2,256	2,417	(7)	(8)	243	(7)	(11)	432	(16)	(21)	1,581	(4)	(4)
Pharmaceuticals	17,276	16,104	7	3	7,568	11	6	3,983	3	(3)	5,725	6	4

Financial record continued

Vaccines turnover 2018

Major products	Total				US			Europe			International		
	2018	2017	Growth		2018	Growth		2018	Growth		2018	Growth	
	£m	£m	£%	CER%	£m	£%	CER%	£m	£%	CER%	£m	£%	CER%
Meningitis	881	890	(1)	2	374	10	13	336	(14)	(15)	171	7	22
<i>Bexsero</i>	584	556	5	9	200	32	34	311	(9)	(11)	73	18	52
<i>Menveo</i>	232	274	(15)	(12)	174	(7)	(5)	17	(50)	(50)	41	(23)	(15)
Other	65	60	8	7	-	-	-	8	(47)	(47)	57	27	24
Influenza	523	488	7	10	385	7	9	66	35	33	72	(8)	(1)
<i>Fluarix, FluLaval</i>	523	488	7	10	385	7	9	66	35	33	72	(8)	(1)
Shingles	784	22	>100	>100	733	>100	>100	2	-	-	49	-	-
<i>Shingrix</i>	784	22	>100	>100	733	>100	>100	2	-	-	49	-	-
Established vaccines	3,706	3,760	(1)	-	1,209	5	8	1,157	-	(1)	1,340	(8)	(6)
<i>Infanrix, Pediarix</i>	680	743	(8)	(7)	296	(10)	(8)	266	(16)	(17)	118	20	28
<i>Boostrix</i>	517	560	(8)	(7)	265	1	3	162	(12)	(14)	90	(20)	(19)
Hepatitis	808	693	17	19	458	21	24	245	22	21	105	(7)	-
<i>Rotarix</i>	521	524	(1)	1	126	(5)	(2)	110	16	15	285	(4)	(2)
<i>Synflorix</i>	424	509	(17)	(17)	-	-	-	58	(13)	(13)	366	(17)	(18)
<i>Priorix, Priorix Tetra, Varilrix</i>	305	301	1	2	-	-	-	159	(3)	(4)	146	6	9
<i>Cervarix</i>	138	134	3	2	-	-	-	20	(31)	(34)	118	12	12
Other	313	296	6	6	64	45	49	137	32	30	112	(24)	(25)
Vaccines	5,894	5,160	14	16	2,701	45	48	1,561	(2)	(4)	1,632	(3)	-

£% represents growth at actual exchange rates. CER% represents growth at constant exchange rates.

Vaccines turnover 2017

Major products	Total				US			Europe			International		
	2017	2016	Growth		2017	Growth		2017	Growth		2017	Growth	
	£m	£m	£%	CER%	£m	£%	CER%	£m	£%	CER%	£m	£%	CER%
Meningitis	890	662	34	27	339	40	34	391	40	31	160	15	6
<i>Bexsero</i>	556	390	43	34	152	25	20	342	45	36	62	94	75
<i>Menveo</i>	274	202	36	29	187	55	48	34	26	19	53	(2)	(7)
Other	60	70	(14)	(20)	-	-	-	15	(12)	(18)	45	(15)	(21)
Influenza	488	414	18	12	361	15	10	49	53	44	78	16	9
<i>Fluarix, FluLaval</i>	488	414	18	12	361	15	10	49	53	44	78	16	9
Shingles	22	-	-	-	22	-	-	-	-	-	-	-	-
<i>Shingrix</i>	22	-	-	-	22	-	-	-	-	-	-	-	-
Established vaccines	3,760	3,516	7	1	1,147	10	5	1,160	4	(2)	1,453	7	1
<i>Infanrix, Pediarix</i>	743	769	(3)	(8)	330	(2)	(7)	315	(6)	(11)	98	2	(4)
<i>Boostrix</i>	560	470	19	13	262	10	5	185	33	24	113	22	14
Hepatitis	693	602	15	10	379	29	23	201	2	(4)	113	2	(2)
<i>Rotarix</i>	524	469	12	6	132	2	(2)	95	27	19	297	12	6
<i>Synflorix</i>	509	504	1	(6)	-	-	-	67	(1)	(7)	442	1	(5)
<i>Priorix, Priorix Tetra, Varilrix</i>	301	300	-	(5)	-	-	-	164	8	1	137	(8)	(12)
<i>Cervarix</i>	134	81	65	57	-	-	-	29	(12)	(18)	105	>100	>100
Other	296	321	(8)	(13)	44	8	-	104	(7)	(11)	148	(12)	(17)
Vaccines	5,160	4,592	12	6	1,869	17	12	1,600	12	6	1,691	8	1

£% represents growth at actual exchange rates. CER% represents growth at constant exchange rates.

Five year record

A record of financial performance is provided, analysed in accordance with current reporting practice. The information included in the Five year record is prepared in accordance with IFRS as adopted by the European Union and also with IFRS as issued by the International Accounting Standards Board.

Group turnover by geographic region	2018 £m	2017 £m	2016 £m	2015 £m	2014 £m
US	11,982	11,263	10,197	8,222	7,409
Europe	7,973	7,943	7,476	6,435	6,284
International	10,866	10,980	10,216	9,266	9,313
	30,821	30,186	27,889	23,923	23,006

Group turnover by segment	2018 £m	2017 £m	2016 £m	2015 £m	2014 £m
Pharmaceuticals	17,269	17,276	16,104	14,157	15,438
Vaccines	5,894	5,160	4,592	3,656	3,159
Consumer Healthcare	7,658	7,750	7,193	6,038	4,322
Segment turnover	30,821	30,186	27,889	23,851	22,919
Corporate and other unallocated turnover	–	–	–	72	87
	30,821	30,186	27,889	23,923	23,006

Pharmaceuticals turnover

Respiratory	6,928	6,991	6,510	5,741	6,168
HIV	4,722	4,350	3,556	2,322	1,498
Immuno-inflammation	472	377	340	263	214
Established Pharmaceuticals	5,147	5,558	5,698	5,831	7,558
	17,269	17,276	16,104	14,157	15,438

Vaccines turnover

Meningitis	881	890	662	326	–
Influenza	523	488	414	268	215
Shingles	784	22	–	–	–
Established Vaccines	3,706	3,760	3,516	3,062	2,944
	5,894	5,160	4,592	3,656	3,159

Consumer Healthcare turnover

Wellness	3,940	4,001	3,726	2,970	1,565
Oral care	2,496	2,466	2,223	1,875	1,806
Nutrition	643	680	674	684	633
Skin health	579	603	570	509	318
	7,658	7,750	7,193	6,038	4,322

Financial record continued

Five year record continued

	2018 £m	2017 £m	2016 £m	2015 £m	2014 £m
Financial results – Total					
Turnover	30,821	30,186	27,889	23,923	23,006
Operating profit	5,483	4,087	2,598	10,322	3,597
Profit before taxation	4,800	3,525	1,939	10,526	2,968
Profit after taxation	4,046	2,169	1,062	8,372	2,831
	pence	pence	pence	pence	pence
Basic earnings per share	73.7	31.4	18.8	174.3	57.3
Diluted earnings per share	72.9	31.0	18.6	172.3	56.7
	2018 millions	2017 millions	2016 millions	2015 millions	2014 millions
Weighted average number of shares in issue:					
Basic	4,914	4,886	4,860	4,831	4,808
Diluted	4,971	4,941	4,909	4,888	4,865
Financial results – Adjusted					
Turnover	30,821	30,186	27,889	23,923	23,006
Operating profit	8,745	8,568	7,671	5,659	6,456
Profit before taxation	8,078	7,924	7,024	5,021	5,840
Profit after taxation	6,543	6,257	5,526	4,045	4,675
	pence	pence	pence	pence	pence
Adjusted earnings per share	119.4	111.8	100.6	74.6	92.7
	%	%	%	%	%
Return on capital employed	134.0	83.4	28.0	152.4	46.6

Return on capital employed is calculated as total profit before taxation as a percentage of average net assets over the year.

Five year record continued

Balance sheet	2018 £m	2017 £m	2016 £m	2015 £m	2014 £m
Non-current assets	41,139	40,474	42,370	36,859	25,973
Current assets	16,927	15,907	16,711	16,587	15,059
Total assets	58,066	56,381	59,081	53,446	41,032
Current liabilities	(22,491)	(26,569)	(19,001)	(13,417)	(13,676)
Non-current liabilities	(31,903)	(26,323)	(35,117)	(31,151)	(22,420)
Total liabilities	(54,394)	(52,892)	(54,118)	(44,568)	(36,096)
Net assets	3,672	3,489	4,963	8,878	4,936
Shareholders' equity	4,360	(68)	1,124	5,114	4,263
Non-controlling interests	(688)	3,557	3,839	3,764	673
Total equity	3,672	3,489	4,963	8,878	4,936

Number of employees

	2018	2017	2016	2015	2014
US	13,804	14,526	14,491	14,696	16,579
Europe	41,943	43,002	42,330	43,538	37,899
International	39,743	40,934	42,479	43,021	43,443
	95,490	98,462	99,300	101,255	97,921
Manufacturing	36,527	38,245	38,372	38,855	32,171
Selling	36,351	37,374	38,158	39,549	42,785
Administration	10,768	11,307	11,244	11,140	10,630
Research and development	11,844	11,536	11,526	11,711	12,335
	95,490	98,462	99,300	101,255	97,921

The geographic distribution of employees in the table above is based on the location of GSK's subsidiary companies. The number of employees is the number of permanent employed staff at the end of the financial period. It excludes those employees who are employed and managed by GSK on a contract basis.

Exchange rates

As a guide to holders of ADS, the following tables set out, for the periods indicated, information on the exchange rate of US Dollars for Sterling as reported by the Bank of England (4pm buying rate).

The average rate for the year is calculated as the average of the 4pm buying rates for each day of the year.

	2018	2017	2016	2015	2014		
Average	1.34	1.29	1.35	1.53	1.65		
	2019 Mar	2019 Feb	2019 Jan	2018 Dec	2018 Nov	2018 Oct	2018 Sep
High	1.32	1.33	1.32	1.28	1.31	1.32	1.33
Low	1.32	1.28	1.26	1.25	1.27	1.27	1.28

The 4pm buying rate on 1 March 2019 was £1= US\$1.32.

Five year record continued

Adjusted results reconciliation 31 December 2016	Total results £m	Intangible asset amortisation £m	Intangible asset impairment £m	Major restructuring £m	Transaction -related £m	Divestments, significant legal and other items £m	Adjusted results £m
Turnover	27,889						27,889
Cost of sales	(9,290)	547	7	297	86	2	(8,351)
Gross profit	18,599	547	7	297	86	2	19,538
Selling, general and administration	(9,366)			514		55	(8,797)
Research and development	(3,628)	41	13	159	(81)	28	(3,468)
Royalty income	398						398
Other operating income/(expense)	(3,405)				3,914	(509)	–
Operating profit	2,598	588	20	970	3,919	(424)	7,671
Net finance costs	(664)			4		8	(652)
Share of after tax profits of associates and joint ventures	5						5
Profit before taxation	1,939	588	20	974	3,919	(416)	7,024
Taxation	(877)	(130)	(5)	(217)	(439)	170	(1,498)
<i>Tax rate</i>	<i>45.2%</i>						<i>21.3%</i>
Profit after taxation	1,062	458	15	757	3,480	(246)	5,526
Profit attributable to non-controlling interests	150				487		637
Profit attributable to shareholders	912	458	15	757	2,993	(246)	4,889
Earnings per share	18.8p	9.4p	0.3p	15.6p	61.6p	(5.1)p	100.6p
Weighted average number of shares (millions)	4,860						4,860

Adjusted results reconciliation 31 December 2015	Total results £m	Intangible asset amortisation £m	Intangible asset impairment £m	Major restructuring £m	Transaction -related £m	Divestments, significant legal and other items £m	Adjusted results £m
Turnover	23,923						23,923
Cost of sales	(8,853)	522	147	563	89	12	(7,520)
Gross profit	15,070	522	147	563	89	12	16,403
Selling, general and administration	(9,232)		7	1,009	88	151	(7,977)
Research and development	(3,560)	41	52	319		52	(3,096)
Royalty income	329						329
Other operating income/(expense)	7,715				2,061	(9,776)	–
Operating profit	10,322	563	206	1,891	2,238	(9,561)	5,659
Net finance costs	(653)			5		12	(636)
Profit on disposal of associates	843					(843)	–
Share of after tax profits of associates and joint ventures	14					(16)	(2)
Profit before taxation	10,526	563	206	1,896	2,238	(10,408)	5,021
Taxation	(2,154)	(161)	(50)	(441)	(352)	2,182	(976)
<i>Tax rate</i>	<i>20.5%</i>						<i>19.4%</i>
Profit after taxation	8,372	402	156	1,455	1,886	(8,226)	4,045
(Loss)/profit attributable to non-controlling interests	(50)				500	(10)	440
Profit attributable to shareholders	8,422	402	156	1,455	1,386	(8,216)	3,605
Earnings per share	174.3p	8.3p	3.2p	30.1p	28.8p	(170.1)p	74.6p
Weighted average number of shares (millions)	4,831						4,831

Financial record continued

Five year record continued

Adjusted results reconciliation	Total results	Intangible asset	Intangible asset	Major	Transaction	Divestments, significant legal and other items	Adjusted results
31 December 2014	£m	amortisation	impairment	restructuring	-related	£m	£m
	£m	£m	£m	£m	£m	£m	£m
Turnover	23,006						23,006
Cost of sales	(7,323)	503	78	204	3		(6,535)
Gross profit	15,683	503	78	204	3		16,471
Selling, general and administration	(8,246)			430	68	536	(7,212)
Research and development	(3,450)	72	72	116		77	(3,113)
Royalty income	310						310
Other operating income/(expense)	(700)				768	(68)	–
Operating profit	3,597	575	150	750	839	545	6,456
Net finance costs	(659)			5		8	(646)
Share of after tax profits of associates and joint ventures	30						30
Profit before taxation	2,968	575	150	755	839	553	5,840
Taxation	(137)	(209)	(29)	(215)	(207)	(368)	(1,165)
<i>Tax rate</i>	<i>4.6%</i>						<i>19.9%</i>
Profit after taxation	2,831	366	121	540	632	185	4,675
Profit attributable to non-controlling interests	75				147		222
Profit attributable to shareholders	2,756	366	121	540	485	185	4,453
Earnings per share	57.3p	7.6p	2.5p	11.3p	10.2p	3.8p	92.7p
Weighted average number of shares (millions)	4,808						4,808

Pipeline, products and competition

Pharmaceuticals and Vaccines product development pipeline

Key	†	In-licence or other alliance relationship with third party	R	Receipt of Complete Response Letter
	^	ViiV Healthcare, a global specialist HIV company with GSK, Pfizer, Inc. and Shionogi Limited as shareholders, is responsible for developing and delivering HIV medicines.	BLA	Biological Licence Application
	*	Registrational in PhII	MAA	Marketing Authorisation Application (Europe)
	**	Under review	NDA	New Drug Application (US)
	1	Option-based alliance with Ionis Pharmaceuticals, Inc.	Phase I	Evaluation of clinical pharmacology, usually conducted in volunteers
	2	Option-based alliance with Immunocore Ltd.	Phase II	Determination of dose and initial evaluation of efficacy, conducted in a small number of patients
	3	Pending closure of transaction with Merck KGaA, Darmstadt, Germany	Phase III	Large comparative study (compound versus placebo and/or established treatment) in patients to establish clinical benefit and safety
	S	First submission		
	A	First regulatory approval (for MAA, this is the first EU approval letter)		

MAA and NDA/BLA regulatory review milestones shown in the table below are those that have been achieved. Future filing dates are not included in this list.

Compound	Type	Indication	Phase	Achieved regulatory review milestones	
				MAA	NDA/BLA
Oncology					
<i>Zejula</i> (niraparib) [†]	Poly (ADP-ribose) polymerase (PARP) 1/2 inhibitor	First line maintenance ovarian cancer and other solid tumours	III		
dostarlimab [†]	Anti-Programmed Cell Death protein 1 receptor (PD-1) antibody	Ovarian cancer Non-small cell lung cancer, MSI-H cancer (incl endometrial)*	III II		
2857916 [†]	B-cell maturation antigen antibody drug conjugate	Multiple myeloma*	II		
3377794 [†]	NY-ESO-1 autologous engineered TCR-T cells (engineered TCR)	Sarcoma, solid and heme malignancies	II		
3359609 [†]	Induced T-cell co-stimulator (ICOS) agonist antibody	Non-small cell lung cancer and solid tumours	II		
molibresib (525762)	BET family bromodomain inhibitor	ER+ breast cancer, other solid tumours and haematological malignancies	II		
M7824 ^{†3}	Transforming growth factor beta (TGFβ) trap and immune checkpoint (PD-1) inhibitor bispecific	Non-small cell lung cancer	II		
TSR-022 [†]	Anti-T-cell immunoglobulin and mucin domain-3 (TIM-3) antibody	Non-small cell lung cancer	II		
3174998 [†]	OX40 agonist monoclonal antibody	Solid tumours and haematological malignancies	II		
3326595 [†]	Protein arginine methyltransferase 5 (PRMT5) inhibitor	Solid tumours, heme malignancies	I/II		
1795091	Toll-like receptor 4 (TLR4) agonist	Cancer	I		
2636771	Phosphatidylinositol 3-kinase (PI3K) beta inhibitor	Cancer	I		
3368715 [†]	Protein arginine methyltransferase 1 (PRMT1) inhibitor	Cancer	I		
3145095	RIP1 kinase inhibitor	Pancreatic cancer and selected solid tumors	I		
3537142 ²	NY-ESO-1-targeting bispecific	Cancer	I		
TSR-033 [†]	Anti-lymphocyte activation gene-3 (LAG-3) antibody	Cancer	I		
HIV[^] and Infectious Diseases					
<i>Dectova</i> (zanamivir) i.v. [†]	Neuraminidase inhibitor (i.v.)	Influenza	Submitted	S: Nov17	
dolutegravir + lamivudine	HIV integrase strand transfer inhibitor + nucleoside reverse transcriptase inhibitor (NRTI)	HIV infection	Submitted	S: Sep18	S: Oct18
fostemsavir	HIV attachment inhibitor	HIV infection	III		
cabotegravir + rilpivirine [†]	HIV integrase strand transfer inhibitor + non-nucleoside reverse transcriptase inhibitor (NNRTI) (long-acting regimen)	HIV infection	III		
cabotegravir	HIV integrase strand transfer inhibitor (long-acting)	HIV pre-exposure prophylaxis	III		
gepoticacin	Type 2 topoisomerase inhibitor	Bacterial infections	II		
3228836 ¹	HBV antisense oligonucleotide	Hepatitis B	II		
3389404 ¹	HBV LICA antisense oligonucleotide	Hepatitis B	II		
3640254	HIV maturation inhibitor	HIV infection	II		
3036656 [†]	Leucyl t-RNA synthetase inhibitor	Tuberculosis	I		
3810109 [†]	HIV broadly neutralizing antibody	HIV infection	I		

Pipeline, products and competition continued

Pharmaceuticals and Vaccines product development pipeline continued

Compound	Type	Indication	Phase	Achieved regulatory review milestones	
				MAA	NDA/BLA
Immuno-inflammation					
<i>Benlysta + Rituxan</i> [†]	B lymphocyte stimulator monoclonal antibody (s.c.) + cluster of differentiation 20 (CD20) monoclonal antibody (i.v.)	Systemic lupus erythematosus Sjogren's syndrome	III II		
3196165 [†]	Granulocyte macrophage colony-stimulating factor monoclonal antibody	Rheumatoid arthritis	II		
2982772	Receptor-interacting protein 1 (RIP1) kinase inhibitor	Psoriasis**, rheumatoid arthritis, ulcerative colitis	II		
2330811	Oncostatin M (OSM) monoclonal antibody	Systemic sclerosis	II		
2831781 [†]	Lymphocyte activation gene 3 (LAG3) protein monoclonal antibody	Ulcerative colitis	I		
2983559	Receptor-interacting protein 2 (RIP2) kinase inhibitor	Inflammatory bowel diseases**	I		
3358699 [†]	BET targeted inhibitor	Rheumatoid arthritis	I		
3858279 [†]	CCL17 inhibitor	Pain in osteoarthritis	I		
Respiratory					
mepolizumab	Interleukin 5 (IL5) monoclonal antibody	COPD	Complete response letter		R: Sep18
		hypereosinophilic syndrome and nasal polyposis	III		
fluticasone furoate + vilanterol [†] + umeclidinium	Glucocorticoid agonist + long-acting beta2 agonist + muscarinic a cetylcholine antagonist	Asthma	III		
2586881 [†]	Recombinant human angiotensin converting enzyme 2 (rhACE2)	Acute lung injury** and pulmonary arterial hypertension	II		
2862277	Tumour necrosis factor receptor-1 (TNFR1) domain antibody	Acute lung injury	II		
3772847 [†]	Interleukin 33r (IL33r) monoclonal antibody	Asthma	II		
2881078	Selective androgen receptor modulator	COPD muscle weakness	II		
nemiralisib	Phosphatidylinositol 3-kinase delta (PI3Kδ) inhibitor	Activated PI3K delta syndrome	I		
2292767	Phosphatidylinositol 3-kinase delta (PI3Kδ) inhibitor	Respiratory diseases**	I		
3511294 [†]	Interleukin 5 (IL5) long-acting monoclonal antibody	Asthma	I		
Other Pharmaceuticals					
<i>Krintafel</i> (tafenoquine)	8-aminoquinoline	Plasmodium vivax malaria	Approved		A: Jul18
daprodustat (1278863)	Prolyl hydroxylase inhibitor (oral)	Anaemia associated with chronic renal disease	III		
oxytocin (inhaled) [†]	Oxytocin	Postpartum hemorrhage	II		
linerixibat (2330672)	Ileal bile acid transporter (IBAT) inhibitor	Cholestatic pruritus	II		
3439171 [†]	Hematopoietic prostaglandin D2 (hPGD2) synthase inhibitor	Muscle repair	I		

Pharmaceuticals and Vaccines product development pipeline continued

Compound	Type	Indication	Phase	Achieved regulatory review milestones	
				MAA	NDA/BLA
Vaccines					
<i>Shingrix</i> [†] (Zoster Vaccine)	Recombinant	Herpes Zoster prophylaxis Herpes Zoster prophylaxis for immunocompromised	Approved	A:March 2018	
<i>Bexsero</i>	Recombinant	Meningococcal B disease prophylaxis in infants	III (US)		
<i>Rotarix</i>	Live attenuated, PCV (Porcine circovirus) free	Rotavirus prophylaxis	III		
MMR	Live attenuated	Measles, mumps, rubella prophylaxis	III (US)		
COPD [†]	Recombinant	Reduction of the frequency of moderate and severe acute exacerbations in COPD patients by targeting non-typeable Haemophilus influenzae and Moraxella catarrhalis	II		
Hepatitis C [†]	Heterologous recombinant viral vectors	Hepatitis C virus prophylaxis: prevention of establishment of chronic infection	II		
Malaria next generation [†]	Recombinant	Malaria prophylaxis (Plasmodium falciparum)	II		
Men ABCWY	Recombinant – conjugated	Meningococcal A,B,C,W and Y disease prophylaxis in adolescents	II		
<i>Menveo Liquid</i>	Conjugated	Meningococcal A,C,W and Y disease prophylaxis in adolescents	II		
<i>Shigella</i> [†]	Conjugated and outer membrane	Shigella diarrhea prophylaxis	II		
Tuberculosis [†]	Recombinant	Tuberculosis prophylaxis	II		
RSV [†]	Replication-defective recombinant viral vector	Respiratory syncytial virus prophylaxis in paediatric population Respiratory syncytial virus prophylaxis in older adult population Respiratory syncytial virus prophylaxis in maternal population	II I/II I/II		
HIV [†]	Recombinant proteins	HIV infection prophylaxis	II		
Flu universal [†]	Universal inactivated split influenza vaccine	Flu disease prophylaxis with broad protection over multiple seasons	I/II		

Brand names appearing in italics are trade marks owned by or licensed to the GSK group of companies.

Pipeline, products and competition continued

Pharmaceutical products, competition and intellectual property

Products	Compounds	Indication(s)	Major competitor brands	Patent expiry dates ²	
				US	EU
Respiratory					
<i>Anoro Ellipta</i>	umeclidinium bromide/ vilanterol trifenate	COPD	Stiolto Respimat, Utibron/Ultibro Breezhaler, Duaklir Genuair Bevespi, Aerosphere	2027 (NCE) 2027-2030 (device/ formulation)	2029 (NCE) 2022-2026 (device/ formulation)
<i>Arnuity Ellipta</i>	fluticasone furoate	asthma	Qvar, Pulmicort Asmanex, Alvesco	2021 (NCE) 2027-2030 (device/ formulation)	NA
<i>Avamys/Veramyst</i>	fluticasone furoate	rinitis	Nasonex	2021 ¹	2023
<i>Flixotide/Flovent</i>	fluticasone propionate	asthma/COPD	Qvar, Singular	expired (Diskus device) 2019-2026 (HFA-device)	expired (Diskus device) expired (HFA-device)
<i>Incruse Ellipta</i>	umeclidinium bromide	COPD	Spiriva Handihaler/ Respimat, Eklira Genuair Seebri Breezhaler	2027 (NCE) 2027-2030 (device/ formulation)	2029 (NCE) 2022-2026 (device/ formulation)
<i>Nucala</i>	mepolizumab	severe eosinophilic asthma, EGPA	Xolair, Cinqair, Fasenra, Dupixent	2019 ³	2020 ³
<i>Relvar/Breo Ellipta</i>	fluticasone furoate/ vilanterol trifenate	asthma/COPD	Symbicort, Foster, Flutiform, Dulera	2025 (NCE) 2027-2030 (device/ formulation)	2027 (NCE) 2022-2026 (device/ formulation)
<i>Seretide/Advair</i>	salmeterol xinafoate/ fluticasone propionate	asthma/COPD	Symbicort, Foster, Flutiform, Dulera	expired (Diskus device) 2019-2026 (HFA-device)	expired (Diskus device) expired (HFA-device)
<i>Trelegy Ellipta</i>	fluticasone furoate/ vilanterol trifenate umeclidinium bromide	COPD	Trimbow	2027 (NCE) 2027-2030 (device/ formulation)	2029 (NCE) 2022-2026 (device/ formulation)
<i>Ventolin HFA</i>	albuterol sulphate	asthma/COPD	generic companies	2019-2026 (HFA-device)	expired (HFA-device)
Anti-virals					
<i>Valtrex</i>	valaciclovir	genital herpes, coldsores, shingles	Famvir	expired	expired
Central nervous system					
<i>Lamictal</i>	lamotrigine	epilepsy, bipolar disorder	Keppra, Dilantin	expired	expired
<i>Imigran/Imitrex</i>	sumatriptan	migraine	Zomig, Maxalt, Relpax	expired	expired
<i>Seroxat/Paxil</i>	paroxetine	depression, various anxiety disorders	Effexor, Cymbalta, Lexapro	expired	expired
Cardiovascular and urogenital					
<i>Avodart</i>	dutasteride	benign prostatic hyperplasia	Proscar, Flomax, finasteride	expired	expired
Anti-bacterials					
<i>Augmentin</i>	amoxicillin/clavulanate potassium	common bacterial infections	generic products	NA	expired
Rare diseases					
<i>Volibris</i>	ambrisentan	pulmonary hypertension	Tracleer, Revatio	NA	2020
Immuno-inflammation					
<i>Benlysta, Benlysta SC</i>	belimumab	systemic lupus erythematosus		2025	2026

1 Generic competition commenced in 2017.

2 Includes Supplementary Protection Certificates which were granted in multiple countries in EU and patent term extensions granted in the US.

3 Data exclusivity expires 2025 (EU) and 2027 (US).

Pharmaceutical products, competition and intellectual property continued

Products	Compounds	Indication(s)	Major competitor brands	Patent expiry dates ³	
				US	EU
HIV <i>Epzicom/Kivexa</i>	lamivudine and abacavir	HIV/AIDS	Truvada, Atripla Descovy, Genvoya Odefsey	expired	2019 ^{1,2} (combination)
<i>Juluca</i>	dolutegravir, rilpivirine	HIV/AIDS	Genvoya, Odefsey Descovy, Atripla	2027 (NCE)	2029 (NCE)
<i>Selzentry/Celsenti</i>	maraviroc	HIV/AIDS	Isentress, Intence, Prezista	2021 (NCE)	2022 (NCE)
<i>Tivicay</i>	dolutegravir	HIV/AIDS	Isentress, Prezista Reyataz, Kaletra, Biktarvy	2027 ¹ (NCE)	2029 (NCE)
<i>Triumeq</i>	dolutegravir, lamivudine and abacavir	HIV/AIDS	Atripla, Descovy, Odefsey, Genvoya, Biktarvy	2027 (NCE)	2029 (NCE)

Vaccine products, competition and intellectual property

Products	Compounds	Indication(s)	Major competitor brands	Patent expiry dates ³	
				US	EU
<i>Bexsero</i>	meningococcal group-B vaccine	Meningitis group B prevention	Trumenba	2027	2028
<i>Boostrix</i>	diphtheria, tetanus, acellular pertussis	diphtheria, tetanus, acellular Pertussis booster vaccination	Adacel	expired	expired
<i>Infanrix Hexa/Pediarix</i>	diphtheria, tetanus, pertussis, polio, hepatitis B, Haemophilus influenzae type B (EU)	Prophylaxis against diphtheria, tetanus, pertussis, polio, hepatitis B, Haemophilus influenzae type B (EU)	Pentacel, Pediacel, Pentaxim, Pentavac, Hexaxim, Hexyon Vaxelis	expired	expired
<i>Cervarix</i>	HPV 16 & 18 virus like particles (VLPs), AS04 adjuvant (MPL + aluminium hydroxide)	human papilloma virus type 16 and 18	<i>Gardasil</i> (Silgard)	2028	2022
<i>Fluarix Tetra</i>	split inactivated influenza antigens (2 virus subtypes A and 2 subtype B)	seasonal influenza prophylaxis	Intenza, Flumist QIV, Vaxigrip QIV, Fluzone QIV, Fluzone High Dose	2022	2022
<i>FluLaval</i>	split inactivated influenza antigens (2 virus subtypes A and 2 subtype B)	seasonal influenza prophylaxis	Vaxigrip, Mutagrip, Fluzone, Influvac, Aggripal, Fluad, Intenza, Flumist	2022	2022
<i>Menveo</i>	meningococcal group A, C, W- 135 and Y conjugate vaccine	Meningitis group A, C, W-135 and Y prophylaxis	Nimenrix, Menactra	2025	2025
<i>Prepandrix</i>	derived split inactivated influenza virus antigen, AS03 adjuvant	pandemic H5N1 influenza prophylaxis	Aflunov, Vepacel	–	2026
<i>Priorix, Priorix Tetra^{a,b}</i> <i>Varilrix^b</i>	live attenuated measles, mumps, rubella and varicella vaccine	measles, mumps, rubella and chickenpox prophylaxis	MMR II (M-M-RVaxPro) Proquad, Varivax	2019 ⁴	expired
<i>Rotarix</i>	Human rotavirus RIX4414 strain	Rotavirus prophylaxis	Rotateq	–	2020
<i>Synflorix</i>	conjugated pneumococcal polysaccharide	Prophylaxis against invasive disease, pneumonia, acute otitis media	Prevenar (Prevnar)	NA	2024
<i>Shingrix</i>	zoster vaccine recombinant, adjuvanted	herpes zoster (shingles)	Zostavax	2026	2026

1 See Note 45 to the financial statements, 'Legal proceedings'.

2 Generic competition commenced in many markets during 2016.

3 Includes Supplementary Protection Certificates which were granted in multiple countries in EU and patent term extensions granted in the US.

4 Refers to *Priorix* and *Priorix Tetra*, as all patents on *Varilrix* have expired.

a Related compounds/indications are measles, mumps and rubella vaccine/prophylaxis

b Related compound is varicella vaccine

Pipeline, products and competition continued

Consumer Healthcare products and competition

Brand	Products	Application	Markets	Competition
Wellness				
Respiratory				
<i>Otrivin</i>	nasal spray	nasal decongestant	Germany, Poland, Russia, Sweden, Ukraine	Afrin, Merck Nasivin, Merck
<i>Theraflu</i>	tablets, syrups and pods	cold and flu relief	Russia, Poland, Ukraine, US	Tylenol Cold & Flu, Johnson & Johnson Mucinex, Reckitt Benckiser Lemsip, Reckitt Benckiser
<i>Flonase</i>	nasal spray	allergy relief	US	Claritin, Bayer, Nasacort, Sanofi
<i>Flixonase, Piriton</i>	nasal spray, tablets	allergy relief	UK, Ireland	Benadryl, Johnson & Johnson
<i>Nicorette</i> (US), <i>NicoDerm</i> , <i>Nicotinell</i> (ex. Australia)	lozenges, gum and trans-dermal patches	treatment of nicotine withdrawal as an aid to smoking reduction and cessation	global	Nicorette, Johnson & Johnson NiQuitin, Perrigo
Pain relief				
<i>Panadol</i> and <i>Panadol Cold & Flu</i>	tablets, caplets, infant syrup drops	paracetamol-based treatment for headache, joint pain, fever, cold symptoms	global (except US)	Advil, Pfizer Aspirin, Bayer Tylenol, Johnson & Johnson
<i>Voltaren</i>	topical gel	non-steroidal, diclofenac based anti-inflammatory	global (except US)	Advil, Pfizer Aspirin, Bayer Tylenol, Johnson & Johnson
Other				
<i>ENO</i>	effervescent	immediate relief antacid	global (except US)	Estomazil, Hypermarca Gelusil, Pfizer
<i>Tums</i>	chewable tablets	immediate relief antacid	US	Alka-Seltzer, Bayer Gaviscon, Reckitt Benckiser Roloids, Sanofi
Oral health				
<i>Sensodyne</i> , <i>Pronamel</i>	toothpastes, toothbrushes, mouth rinse	relief of dentinal hypersensitivity. <i>Pronamel</i> additionally protects against acid erosion	global	Colgate Sensitive Pro-Relief, Colgate-Palmolive Elmex, Colgate-Palmolive Oral B, Procter & Gamble
<i>parodontax/ Corsodyl</i>	toothpaste, medicated mouthwash, gel and spray	helps stop and prevent bleeding gums, treats and prevents gingivitis	global	Colgate Total Gum Health, Colgate-Palmolive Oral B Gum & Enamel Repair, Crest Gum Detoxify, Procter & Gamble
<i>Polident</i> , <i>Poligrip</i> , <i>Corega</i>	denture adhesive, denture cleanser, wipes	improve retention and comfort of dentures, cleans dentures	global	Fixodent and Kukident, Procter & Gamble, Steradent, Reckitt Benckiser
<i>Aquafresh</i>	toothpastes, toothbrushes mouthwashes	aids prevention of dental cavities, maintains healthy teeth, gums and fresh breath	global	Colgate, Colgate-Palmolive Crest, Procter & Gamble Oral-B, Procter & Gamble
Skin health				
<i>Zovirax</i> <i>Abreva</i>	topical cream and non-medicated patch	lip care to treat and prevent the onset of cold sores	global	Compeed, Johnson & Johnson Carmex, Carma Labs Blistex, Blistex Incorporated retail own label
Nutrition				
<i>Horlicks</i>	malted drinks and foods	nutritional beverages & food	Indian sub-continent, United Kingdom, Ireland	Bournvita, Mondelez Complan, Heinz

Principal risks and uncertainties

The principal risks discussed below are the risks and uncertainties relevant to our business, financial condition and results of operations that may affect our performance and ability to achieve our objectives. The risks below are those that we believe could cause our actual results to differ materially from expected and historical results. During 2018 we have evolved the cycle of management of these risks which helps us identify, manage and report on our most important risks in a proportionate and consistent way.

We must adapt to and comply with a broad range of laws and regulations which apply to research and development, manufacturing, testing, approval, distribution, sales and marketing of Pharmaceutical, Vaccine and Consumer Healthcare products. These affect not only the cost of product development but also the time required to reach the market and the likelihood of doing so successfully on a continuous basis.

Also, during 2018 we have improved consistency of risk management across the organisation through evolution of our enterprise risk management and reporting cycle.

As rules and regulations change, and governmental interpretation evolves, the nature of a particular risk may change. Changes to certain regulatory regimes may be substantial. Any change in, and any failure to comply with, applicable law and regulations could materially and adversely affect our financial results.

Similarly, our global business exposes us to litigation and government investigations, including but not limited to product liability litigation, patent and antitrust litigation and sales and marketing litigation. Litigation and government investigations, including related provisions we may make for unfavourable outcomes and increases in related costs such as insurance premiums, could materially and adversely affect our financial results.

More detail on the status and various uncertainties involved in our significant unresolved disputes and potential litigation is set out in Note 45, 'Legal proceedings,' on pages 215 to 218.

UK regulations require a discussion of the mitigating activities a company takes to address principal risks and uncertainties. A summary of the activities that the Group takes to manage each of our principal risks accompanies the description of each principal risk below. The principal risks and uncertainties are not listed in order of significance.

Patient safety

Risk definition

Failure to appropriately collect, review, follow up, or report human safety information (HSI), including adverse events from all potential sources, and to act on any relevant findings in a timely manner.

Risk impact

The risk impact has the potential to compromise our ability to conduct robust safety signal detection and interpretation and to ensure that appropriate decisions are taken with respect to the risk/benefit profile of our products, including the completeness and accuracy of product labels and the pursuit of additional studies/analyses, as appropriate. This could lead to potential harm to patients, reputational damage, product liability claims or other litigation, governmental investigation, regulatory action such as fines, penalties or loss of product authorisation.

Context

Pre-clinical and clinical trials are conducted during the development of investigational Pharmaceutical, Vaccine and Consumer Healthcare products to determine the safety and efficacy of the products for use by humans. Notwithstanding the efforts we make to determine the safety of our products through appropriate pre-clinical and clinical trials, unanticipated side effects may become evident only when products are widely introduced into the marketplace. Questions about the safety of our products may be raised not only by our ongoing safety surveillance and post-marketing studies but also by governmental agencies and third parties that may analyse publicly available clinical trial results. Constant vigilance and flexibility is required in order to respond to a varied regulatory environment which continues to evolve and diverge globally.

The Group is currently a defendant in a number of product liability lawsuits, including class actions, that involve significant claims for damages related to our products. Litigation, particularly in the US, is inherently unpredictable. Class actions that seek to sweep together all persons who take our products increase the potential liability. Claims for pain and suffering and punitive damages are frequently asserted in product liability actions and, if allowed, can represent potentially open-ended exposure and thus, could materially and adversely affect the Group's financial results.

Mitigating activities

The Chief Medical Officer (CMO), who is also the Medical Officer for Pharmaceuticals, is responsible for medical governance under a global policy. Under that policy, safeguarding human subjects in our clinical trials and patients who take our products is of paramount importance, and the CMO has the authoritative role for evaluating and addressing matters of human safety.

Individual Medical Officers within the Pharmaceutical, Vaccines and Consumer Healthcare businesses and our substantial Safety and Pharmacovigilance organisation keep track of any adverse issues reported for our products during the course of clinical studies. Once a Group product is approved for marketing, we have an extensive post-marketing surveillance and signal detection system. Information on possible side effects of products is received from several sources including unsolicited reports from healthcare professionals (HCPs) and patients, regulatory authorities, medical and scientific literature, traditional media and social media. It is our policy that employees are required to report immediately any issues relating to the safety or quality of our products. Each of our country managers is responsible for monitoring, exception tracking and training that helps assure the collection of safety information and reporting the information to the relevant central safety department, in accordance with policy and legal requirements.

Information that changes the risk/benefit profile of one of our products will result in certain actions to characterise, communicate and minimise the risk. Proposed actions are discussed with regulatory authorities and can include modifying the prescribing information, communications to physicians and other healthcare providers, restrictions on product prescribing/availability to help assure safe use, and sometimes carrying out further clinical trials. In certain cases, it may be appropriate to stop clinical trials or to withdraw the medicine from the market.

Principal risks and uncertainties continued

Patient safety continued

Our Global Safety Board (GSB), comprising senior physicians and representatives of supporting functions, is an integral component of the system. The GSB (including subsidiary boards dedicated to Consumer Healthcare products and Vaccines) reviews the safety of investigational and our marketed products and has the authority to stop a clinical trial if continued conduct of such trial is not ethically or scientifically justified in light of information that has emerged since the start of the trial.

In addition to the medical governance framework as described above, we use several mechanisms to foster the early evaluation, mitigation and resolution of disputes as they arise, and of potential claims even before they occur. The goal of the programmes is to create a culture of early identification and evaluation of risks and claims (actual or potential) that remains strong through organisational and regulatory change, in order to minimise liability and litigation.

Product quality

Risk definition

Failure to comply with current Good Manufacturing Practices (cGMP) or inadequate controls and governance of quality in the supply chain covering supplier standards, manufacturing and distribution of products.

Risk impact

A failure to ensure product quality could have far reaching implications in terms of patient and consumer safety resulting in product launch delays, supply interruptions and product recalls. This would have the potential to do damage to our reputation, as well as result in other regulatory, legal and financial consequences.

Context

Patients, consumers and HCPs trust the quality of our products. Product quality may be influenced by many factors including product and process understanding, consistency of manufacturing components, compliance with GMP, accuracy of labelling, reliability of the external supply chain, and the embodiment of an overarching quality culture. The internal and external environment continues to evolve as new products and new legislation are introduced. Critically, we are addressing the impact of Brexit on our supply chain management and quality oversight between the UK and the EU and are developing and deploying appropriate contingency plans to avoid interruption of supply to patients.

Mitigating activities

An extensive global network of quality and compliance professionals is aligned with each business unit to provide oversight and assist with the delivery of quality performance and operational compliance, from site level to senior management level. Management oversight of those activities is accomplished through a hierarchy of Quality Councils and through an independent Chief Product Quality Officer and Global Product Quality Office.

We have developed and implemented a single Quality Management System that defines the quality standards and systems for our businesses associated with Pharmaceuticals, Vaccines and Consumer Healthcare products and clinical trial materials. This system has a broad scope and is applicable throughout the product lifecycle from R&D to mature commercial supply.

There is no single external quality standard or system that governs the detailed global regulatory expectations for the quality of medicinal products. Requirements are often complex and fragmented across national and regional boundaries. We have therefore adopted the internationally recognised principles from the 'ICH Q10: Pharmaceutical Quality Systems' framework as the basis for the GSK Quality Management System.

This is an industry standard which incorporates quality concepts throughout the product lifecycle. The GSK Quality Management System is augmented by a consolidation of the numerous regulatory requirements defined by markets across the world, which assures that it meets external expectations for product quality in the markets supplied. The Quality Management System is routinely updated to ensure that it keeps pace with the evolving external regulatory environment and with new scientific understanding of our products and processes. As part of our drive to continually improve the operational deployment of our Quality Management System, we are making our policies and procedures simpler to understand and implement, as well as adopting innovative tools to give a more user-friendly experience.

We provide the Corporate Executive Team & Risk Oversight and Compliance Council with an integrated assessment of Regulated Quality (GxP) performance. The defined key performance indicators cover manufacturing practice, clinical practice, pharmacovigilance practice, regulatory practice, drug safety assessment, and animal welfare.

We have implemented a risk-based approach to assessing and managing third party suppliers that provide materials which are used in finished products. Contract manufacturers making our products are expected to comply with GSK standards and are regularly audited to provide assurance that standards are met.

All staff members are regularly trained to ensure that cGMP standards and behaviours based on our values and expectations are followed. Additionally, advocacy and communication programmes are routinely deployed to ensure consistent messages are conveyed across the organisation, whether they originate from changes in regulation, learnings from inspections, or regulatory submissions. There is a continued emphasis on the value of quality performance metrics to facilitate improvement and foster a culture of 'right first time'.

Financial controls and reporting

Risk definition

Failure to comply with current tax laws or incurring significant losses due to treasury activities; failure to report accurate financial information in compliance with accounting standards and applicable legislation.

Risk impact

Non-compliance with existing or new financial reporting and disclosure requirements, or changes to the recognition of income and expenses, could expose us to litigation and regulatory action and could materially and adversely affect our financial results. Changes in tax laws or in their application with respect to matters such as transfer pricing, foreign dividends, controlled companies, R&D tax credits, taxation of intellectual property or a restriction in tax relief allowed on the interest on debt funding, could impact our effective tax rate. Significant losses may arise from inconsistent application of treasury policies, transactional or settlement errors, or counterparty defaults.

Any changes in the substance or application of the governing tax laws, failure to comply with such tax laws or significant losses due to treasury activities could materially and adversely affect our financial results.

Context

The Group is required by the laws of various jurisdictions to disclose publicly its financial results and events that could materially affect the financial results of the Group. Regulators routinely review the financial statements of listed companies for compliance with new, revised or existing accounting and regulatory requirements. The Group believes that it complies with the appropriate regulatory requirements concerning our financial statements and disclosure of material information including any transactions relating to business restructuring such as acquisitions and divestitures. However, should we be subject to an investigation into potential non-compliance with accounting and disclosure requirements, this may lead to restatements of previously reported results and significant penalties.

Our Treasury group deals in high value transactions, mostly foreign exchange and cash management transactions, on a daily basis. These transactions involve market volatility and counterparty risk.

The Group's effective tax rate reflects rates of tax in the jurisdictions in which the Group operates that are both higher and lower than the UK rate and takes into account regimes that encourage innovation and investment in science by providing tax incentives which, if changed, could affect the Group's tax rate. In addition, the worldwide nature of our operations means that our intellectual property, R&D and manufacturing operations are centered in a number of key locations. A consequence of this is that our cross-border supply routes, necessary to ensure supplies of medicines into numerous end markets, can be complex and result in conflicting claims from tax authorities as to the profits to be taxed in individual countries. Tax legislation itself is also complex and differs across the countries in which we operate. As such, tax risk can also arise due to differences in the interpretation of such legislation. The tax charge included in our financial statements is our best estimate of tax liability pending audits by tax authorities.

We expect there to be continued focus on tax reform in 2019 and future years driven by initiatives of the Organisation for Economic Cooperation & Development to address the taxation of the digital economy and European Commission initiatives including the use of fiscal state aid investigations. Together with domestic initiatives around the world, these may result in significant changes to established tax principles and an increase in tax authority disputes. These, regardless of their merit or outcomes, can be costly, divert management attention and may adversely impact our reputation and relationship with key stakeholders.

Mitigating activities

Financial results are reviewed and approved by regional management and then reviewed with the Financial Controller and the Chief Financial Officer (CFO). This allows our Financial Controller and our CFO to assess the evolution of the business over time, and to evaluate performance to plan. Significant judgments are reviewed and confirmed by senior management. Business re-organisations and newly acquired activities are integrated into risk assessments and appropriate controls and reviews are applied.

Counterparty exposure is subject to defined limits approved by the Board for both credit rating and individual counterparties. Oversight of Treasury's role in managing counterparty risk in line with agreed policy is performed by a Corporate Compliance Officer, who operates independently of Treasury. Further details on mitigation of Treasury risks can be found on pages 198 to 200, Note 42, 'Financial instruments and related disclosures'.

We maintain a control environment designed to identify material errors in financial reporting and disclosure. The design and operating effectiveness of key financial reporting controls are regularly tested by management and via Independent Business Monitoring. This provides us with the assurance that controls over key financial reporting and disclosure processes have operated effectively. A minimum standard control set has been implemented, whereby all Finance activities, are required to apply and ensure they are monitored. Our Global Finance Risk Management and Controls Centre of Excellence provides extra support to large Group organisations undergoing transformation such as system deployment or significant business and finance transformations. We have also added operational resources to ensure processes and controls are maintained during business transformation, the upgrade of our financial systems and processes. Additional risk mitigation has been introduced by amending the programme timelines of system upgrades to optimise delivery.

The Disclosure Committee reporting to the Board, reviews the Group's quarterly results and Annual Report and determines throughout the year, in consultation with its legal advisors, whether it is necessary to disclose publicly information about the Group through Stock Exchange announcements. The Treasury Management Group meets on a regular basis to seek to ensure that liquidity, interest rate, counterparty, foreign currency transaction and foreign currency translation risks are all managed in line with the conservative approach as detailed in the associated risk strategies and policies which have been adopted by the Board.

Principal risks and uncertainties continued

Financial controls and reporting continued

Tax risk is managed through robust internal policies, processes, training and compliance programmes to ensure we have alignment across our business and meet our tax obligations. We seek to maintain open, positive relationships with governments and tax authorities worldwide and we welcome constructive debate on taxation policy. We monitor government debate on tax policy in our key jurisdictions to deal proactively with any potential future changes in tax law. We engage advisors and legal counsel to confirm the implications for our business of tax legislation such as the recently enacted US Tax Cuts and Jobs Act. Where appropriate, we are active in providing relevant business input to tax policy makers. Significant decisions are submitted for consideration to the Tax Governance Board which meets quarterly and comprises senior personnel from across GSK's Finance division.

Our tax affairs are managed on a global basis through a co-ordinated team of tax professionals led by the Global Head of Tax who works closely with the business. Our tax professionals are suitably qualified for the roles they perform, and we support their training needs in order that they continue to be able to provide up to date technical advice. We submit tax returns according to statutory time limits and engage with tax authorities to seek to ensure our tax affairs are current, entering arrangements such as Continuous Audit Programmes and Advance Pricing Agreements where appropriate. These agreements provide long-term certainty for both tax authorities and for us over the tax treatment of our business. In exceptional cases where matters cannot be settled by agreement with tax authorities, we may have to resolve disputes through formal appeals or other proceedings.

We keep up-to-date with the latest developments in financial reporting requirements by working with our external auditor and legal advisors.

Anti-bribery and corruption (ABAC)

Risk definition

Failure of GSK employees, consultants and third parties to comply with our Anti-bribery & corruption (ABAC) principles and standards, as well as with all applicable legislation.

Risk impact

Failure to mitigate this risk could expose the Group and associated persons to governmental investigation, regulatory action, and civil and criminal liability and may compromise the Group's ability to supply its products under certain government contracts. In addition to legal and financial penalties, a failure to prevent bribery through complying with ABAC legislation and regulations could have substantial implications for the reputation of the company, the credibility of senior leaders, and an erosion of investor confidence in our governance and risk management.

Context

We are exposed to bribery and corruption risk through our global business operations. In some markets, the government structure and the rule of law are less developed, and this has a bearing on our bribery and corruption risk exposure. In addition to the global nature of our business, the healthcare sector by its very nature maintains relationships with government bodies, is highly competitive and subject to regulation. This increases the instances where we are exposed to bribery and corruption risk.

The Group has been subject to a number of ABAC inquiries. We reached a resolution with the US authorities in 2016 regarding their ABAC inquiry, following which we were subject to a self-monitoring arrangement. The self-monitorship concluded in September 2018. Government investigations regarding our China and other business operations are ongoing. These investigations are discussed further in Note 45, 'Legal proceedings'.

Mitigating activities

Programme governance is provided through Enterprise Risk Management overseen by the ABAC Governance Board which includes representation from key functional areas and the business. We have a dedicated ABAC team responsible for the implementation and evolution of the programme in response to developments in the internal and external environment. This is complemented with independent oversight and assurance undertaken by the Audit & Assurance and Independent Business Monitoring teams.

We have an enterprise-wide ABAC programme designed to ensure compliance with our ABAC policies and mitigate the risk of bribery and corruption. It builds on our business standards, values and expectations to form a comprehensive and practical approach to compliance and is flexible to the evolving nature of our business.

Our Code of Conduct, values and expectations, and commitment to zero tolerance are integral to how we mitigate this risk. In light of the complexity and geographic breadth of this risk, we constantly evolve our oversight of activities and data, reinforce to our workforce clear expectations regarding acceptable behaviours, and maintain regular communications between the centre and local markets.

Our ABAC programme is built on best in class principles and is subject to ongoing review and development. It provides us with the basis from which we seek to manage the risk from top down and bottom up. For example, the programme comprises top-level commitment from the Board of Directors and leadership, a global risk assessment and key risk indicators to enable targeted intervention and risk management activities. The programme is underpinned by a global ABAC policy and written standards that address commercial and other practices that give rise to ABAC risk and ongoing communications. We provide mandatory periodic ABAC training to our staff and relevant third parties in accordance with their roles, responsibilities and the risks they face. In addition, the programme mandates enhanced controls over interactions with government officials and during business development transactions.

We continually benchmark our ABAC programme against other large multinational companies and use external expertise and internal insights to drive improvements in the programme.

Commercial practices

Risk definition

Failure to engage in commercial activities that are consistent with the letter and spirit of the law, industry, or the Group's requirements relating to marketing and communications about our medicines and associated therapeutic areas; appropriate interactions with healthcare professionals (HCPs) and patients; and legitimate and transparent transfer of value.

Risk impact

Failure to manage risks related to commercial practices could materially and adversely affect our ability to grow a diversified global business and deliver more products of value for patients and consumers. Failure to comply with applicable laws, rules and regulations may result in governmental investigation, regulatory action and legal proceedings brought against the Group by governmental and private plaintiffs which could result in government sanctions, and criminal and/or financial penalties. Failure to provide accurate and complete information related to our products may result in incomplete awareness of the risk/benefit profile of our products and possibly suboptimal treatment of patients and consumers.

Any practices that are found to be misaligned with our values could also result in reputational harm and dilute trust established with external stakeholders.

Context

We operate on a global basis in an industry that is both highly competitive and highly regulated. Our competitors may make significant product innovations and technical advances and may intensify price competition. In light of this competitive environment, continued development of commercially viable new products and the development of additional uses for existing products that reflect insights which help ensure those products address the needs of patients/consumers, HCPs, and payers are critical to achieve our strategic objectives.

As other pharmaceutical, vaccine and consumer companies, we face downward price pressure in major markets, declining emerging market growth, and negative foreign exchange impact.

Developing new Pharmaceutical, Vaccine and Consumer Healthcare products is a costly, lengthy and an uncertain process. A product candidate may fail at any stage, including after significant economic and human resources have been invested. Our competitors' products or pricing strategies, or any failure on our part to develop commercially successful products, or to develop additional uses for existing products, could materially and adversely affect our ability to achieve our strategic objectives.

We are committed to the ethical and responsible commercialisation of our products to support our mission to improve the quality of human life by enabling people to do more, feel better, and live longer. To accomplish this mission, we engage the healthcare community in various ways to provide important information about our medicines. Promotion of approved products seeks to ensure that HCPs globally have access to information they need, that patients and consumers have access to the information and products they need and that products are prescribed, recommended or used in a manner that provides the maximum healthcare benefit to patients and consumers. We are committed to communicating information related to our approved products in a responsible, legal and ethical manner.

Mitigating activities

Our strategic objectives are designed to ensure we achieve our mission of helping people do more, feel better and live longer. We continue to strive for new product launches that are competitive and resourced effectively. We also strive to have a healthy proportion of the Group's sales ratio attributable to new product or innovation sales.

This innovation helps us defray the effect, for example, of downward price pressure in major markets, declining emerging market growth and negative foreign exchange impact. Establishing new products that are priced to balance expectations of patients and consumers, HCPs, payers, shareholders, and the community enables us to maintain a strong global business and remain relevant to the needs of patients and consumers. Our values and behaviours provide a guide for how we lead and make decisions. We constantly strive to do the right thing and deliver quality products and ensure supply is sustained to meet customer needs and demand requirements, seeking to ensure our actions reflect our values, behaviours and the mission of our company.

We have taken action to enhance and improve standards and procedures for customer and consumer engagement utilising the application of data analytics and e-commerce channels. We have policies and standards governing commercial activities undertaken by us or on our behalf. Training has been implemented to support the evolution of our activities to all relevant employees. All of these activities we conduct worldwide must conform to high ethical, regulatory, and industry standards. Where local standards differ from global standards, the more stringent of the two applies. We have harmonised policies and procedures to guide above-country commercial practice processes as well as clarified applicable standards for operations in the various markets in which we operate. Each business has adopted the Internal Control Framework to support the assessment and management of its risks. Commercial practices activities have appropriate monitoring programmes and oversight from both business unit Risk Management and Compliance Boards and Country Executive Boards that manage risks across in-country business activities. Where in the past we have fallen below our own or any other regulatory or industry standards, we have sought to improve both the framework and culture for our compliance processes.

All promotional materials and activities must be reviewed and approved according to our policies and standards, and conducted in accordance with local laws and regulations, to seek to ensure that these materials and activities fairly represent the products or services of the Group. When necessary, we have disciplined (up to and including termination) employees who have engaged in misconduct and have broadened our ability to claw back remuneration from senior management in the event of misconduct.

We have eliminated rewards based on individual sales or market share of prescription products for sales professionals and their managers who interact with HCPs in favour of rewards based on the quality of the individuals' interactions with HCPs.

In October 2018, we announced changes that allow fair market value payments to be made by GSK to expert practitioners to speak about our innovative medicines and vaccines in a limited number of countries during a restricted time period in a product's lifecycle. New controls and training have been implemented to support these changes while ensuring appropriate oversight and assurance across the markets. Under the new policy, we will expand our reporting of payments to individual HCPs as part of our commitment to transparency and responsible disclosure.

Principal risks and uncertainties continued

Privacy

Risk definition

The failure to collect, secure, use and destroy personal information (PI) in accordance with applicable data privacy laws.

Risk impact

Non-compliance can lead to harm to individuals (e.g. financial loss, distress, prejudice) and GSK (e.g. fines, management time, operational inefficiency, out of pocket costs, and reputational damage). It can also damage trust between GSK and individuals, communities, business partners and government authorities.

The General Data Protection Regulation (GDPR) increased the enforcement powers of EU supervisory authorities, including by allowing them to impose fines of up to 4% of global revenue, and to require the suspension of processing PI in certain circumstances. GDPR also gives individuals the right to bring collective legal actions against GSK for failure to comply with data privacy laws.

Context

Data Privacy laws are diverse, with limited harmonisation, despite Europe's adoption of GDPR. In many countries in which GSK operates, local data privacy laws govern how GSK can collect and use PI. It is challenging for multi-nationals to standardise their approach to compliance with data privacy laws due to the high-level of local variation. Governments are enforcing compliance with data privacy laws more rigorously. There is an increasing focus on the ethical use of PI, over and above compliance with data privacy laws, and individuals are increasingly aware of their rights under data privacy laws.

Mitigating activities

The Chief Compliance Officer is also the chairperson of the Privacy Governance Board (PGB), which oversees GSK's overall data privacy programme. Each business and function has appointed a Risk Owner who is accountable for the oversight of privacy risks associated with that business or functional area. They are supported by Privacy Leaders within their business or function. Additionally, in some countries data privacy laws require a Data Protection Officer (DPO) to be appointed. GSK has appointed a single DPO for the European Union, who is represented and supported in specific countries by Country Privacy Advisors. The Chief Compliance Officer is the Enterprise Risk Owner (ERO). The ERO has appointed a delegate risk owner, the Global Privacy Officer (GPO) who has accountability on a day-to-day basis for designing and implementing the control framework. The GPO co-leads the cross-functional Privacy Centre of Excellence (CoE), together with the Global Privacy Counsel. They are supported by Privacy Officers and Privacy Counsel for each Region and multiple Country Privacy Advisors (who are familiar with local privacy regulations).

GSK has emphasised the importance of data privacy from an internal risk management perspective by separating Privacy as a new, standalone Enterprise Risk from the Information Security Enterprise Risk. It has created a Privacy Centre of Excellence in Global Ethics and Compliance, which has overseen: (i) the implementation of a control framework; (ii) remediation of certain existing business activities to ensure compliance with GDPR (including adopting privacy controls e.g. privacy contract terms, written records of processing activities, data protection impact assessments) and (iii) a comprehensive training programme to drive greater awareness and accountability for managing PI across the entire organisation. Key roles of the privacy network at GSK will be certified with an accredited international privacy association.

Through monitoring, we continuously improve our processes, such as issue identification, reporting and handling capabilities. We are developing a process to detect and assess new privacy regulations to proactively prepare and mitigate regulatory risk to GSK.

Research practices

Risk definition

Failure to adequately conduct ethical and sound preclinical and clinical research. In addition, failure to engage in scientific activities that are consistent with the letter and spirit of the law, industry, or the Group's requirements, and failure to secure adequate patent protection for GSK's products.

Risk impact

The impacts of the risk include harm to human subjects, reputational damage, failure to obtain the necessary regulatory approvals for our products, governmental investigation, legal proceedings brought against the Group by governmental and private plaintiffs (product liability suits and claims for damages), loss of revenue due to inadequate patent protection or inability to supply GSK products, and regulatory action such as fines, penalties, or loss of product authorisation. Any of these consequences could materially and adversely affect our financial results and cause loss of trust from our customers and patients.

Context

Research relating to animals can raise ethical concerns. While we attempt to address this proactively, animal studies remain a vital part of our research. In many cases, they are the only method that can be used to investigate the effects of a potential new medicine in a living body before it is studied in humans. Animal research can provide critical information about the causes of diseases and how they develop. Nonetheless, we are continually seeking ways in which we can minimise our use of animals in research, whilst complying with regulatory requirements.

Clinical trials in healthy volunteers and patients are used to assess and demonstrate an investigational product's efficacy and safety or further evaluate the product once it has been approved for marketing. We also work with human biological samples. These samples are fundamental to the discovery, development and safety monitoring of our products.

Research practices continued

The integrity of our data is essential to success in all stages of the research data lifecycle: design, generation, recording and management, analysis, reporting, storage and retrieval. Our research data is governed by legislation and regulatory requirements. Research data and supporting documents are core components at various stages of pipeline progression decision-making and form the content of regulatory submissions, publications and patent filings. Poor data integrity can compromise our research efforts and negatively impact company reputation.

There are innate complexities and interdependencies required for regulatory filings, particularly given our global research and development footprint. Continually changing and increasingly stringent submission requirements continue to increase the complexity of worldwide product registration.

Scientific engagement (SE), defined as the interaction and exchange of information between GSK and external communities to advance scientific and medical understanding, including the appropriate development and use of our products, is an essential part of scientific discourse. Such non-promotional engagement with external stakeholder groups is vital to GSK's mission and necessary for scientific and medical advance. SE activities are essential but present legal, regulatory, and reputational risk if the sharing of data, invited media coverage or payments to HCPs have, or are perceived to have, promotional intent.

A wide variety of biological materials are used by GSK in discovery, research and development phases. Through the Convention on Biological Diversity (CBD) and the Nagoya Protocol, the international community has established a global framework regulating access to, and use of, genetic resources of non-human origin in Research and Development (R&D). We support the principles of access and benefit sharing to genetic resources as outlined in the CBD and the Nagoya Protocol, recognising the importance of appropriate, effective and proportionate implementation measures at national and regional levels.

Patent rights play an important role in providing GSK with a competitive advantage in the market. Any loss of patent protection in a market for GSK's products developed through our R&D, including reducing the availability or scope of patent rights, could materially and adversely affect our financial results in that market. Absence of adequate patent or data exclusivity protection, which could lead to, for example, competition from manufacturers of generic pharmaceutical products, could limit the opportunity to rely on such markets for future sales growth for our products, which could also materially and adversely impact our financial results. Following expiration of certain intellectual property rights, a generic manufacturer may lawfully produce a generic version of a product. Introduction of generic products typically leads to a rapid and dramatic loss of sales and reduces our revenues and margins for our proprietary products.

Mitigating activities

We have an established Office of Animal Welfare, Ethics and Strategy (OAWES), led by the Chief of Animal Welfare, Ethics and Strategy, that ensures the humane and responsible care of animals and increases the knowledge and application of non-animal alternatives. The OAWES provides a framework of animal welfare governance, promotes application of 3Rs (replacement, refinement and reduction of animals in research), conducts quality assessments and develops and deploys strategies on animal model reproducibility and translatability.

The Chief Medical Officer oversees the following enterprise Medical Governance Boards:

- The Human Subject Research Board is in place to provide oversight for the human subject research sponsored and supported by us to ensure it conforms to ethical, medical and scientific standards
- The Data Disclosure Board provides oversight for disclosure of our sponsored and supported human subject research. We make information available on our clinical studies, including summaries of the results – whether positive or negative. We were the first company to publish clinical study reports that form the basis of submissions to regulatory agencies and we have publicly posted more than 2,400 clinical study reports in addition to more than 6,400 study result summaries
- Specific accountability and authorisation for SE is overseen by the Scientific Engagement and Promotional Practices Board. This Board is responsible for oversight of applicable policies and seeking to ensure the highest level of integrity and continuous development of SE

We have a Global Human Biological Samples Management (HBSM) governance framework in place to oversee the ethical and lawful acquisition and management of human biological samples. Our HBSM Enterprise Risk Management Team champions HBSM activities and provides an experienced group to support internal sample custodians regarding best practice.

It remains an important priority to enhance our data integrity controls. Data Integrity Committees are in place to provide oversight and Data Integrity Quality Assurance teams conduct assessments to provide independent business monitoring of our internal controls for R&D activities.

The Regulatory Governance Board serves as the global regulatory risk management and compliance board, promoting compliance with regulatory requirements and procedures, and oversees Group-wide written standards for cross business regulatory processes.

We established an Access and Benefit Sharing Centre of Excellence to oversee applicable requirements and enforcement measures for the acquisition and use of genetic material of non-human origin in scope of the Nagoya Protocol.

R&D maintains and controls pre-publication procedures to guard against public disclosure in advance of filing patent applications. In addition, because loss of patent protection can occur due to lack of data integrity in preparing patent application data and information, legal experts collaborate with R&D to support the review process for new patent applications.

The Research Practices risk is overseen by an Enterprise framework that seeks to ensure strengthened governance across the R&D businesses in Pharmaceuticals, Vaccines and Consumer Healthcare. Under the leadership of the Research Practices Enterprise Risk Owner, management of the risk takes a pragmatic approach to information sharing, streamlining risk identification and escalation, while ensuring ownership stays with the business.

Principal risks and uncertainties continued

Third party oversight (TPO)

Risk definition

Failure to maintain adequate governance and oversight over third party relationships and failure of third parties to meet their contractual, regulatory, confidentiality or other obligations.

Risk impact

Failure to adequately manage third party relationships could result in business disruption and exposure to risks ranging from sub-optimal contractual terms and conditions, to severe business and legal sanctions and/or significant reputational damage. Any of these consequences could materially and adversely affect our business operations and financial results.

Context

Third parties are critical to our business delivery and are an integral part of the solution to meeting our business objectives. We rely on third parties, including suppliers, advisors, distributors, individual contractors, licensees, and other pharmaceutical and biotechnology collaboration partners for discovery, manufacture, and marketing of our products and for supporting other important business processes.

These business relationships present a material risk. For example, we share critical and sensitive information such as marketing plans, clinical data, and employee data with specific third parties who are conducting the relevant outsourced business activities. Inadequate protection or misuse of this information by third parties could have significant business impact. Similarly, we use distributors and agents in a range of activities such as promotion and tendering which have inherent risks such as inappropriate promotion or corruption. Insufficient internal compliance and controls by the distributors could affect our reputation. These risks are further increased by the complexities of working with large numbers of third parties across a diverse geographical spread.

Mitigating activities

To guide and enforce our global principles for interactions with third parties we have a global policy framework applicable to buying goods and services, managing our external spend, paying and working with our third parties. This policy framework applies to all employees and complementary workers worldwide. The enterprise-wide TPO programme takes an enterprise-wide view of third party related risks to ensure compliance with our ABAC policies and additional risks such as Labour Rights, Health and Safety and Human Safety Information. It forms a comprehensive and practical approach to third party oversight that is flexible to the evolving nature of our business and the type of engagement being managed. The programme is managed through the Global Ethics and Compliance organisation and has been globally deployed. It has strengthened risk assessment, contractual terms and due diligence efforts on third parties and improved the overall management of our third party risks through the lifecycle of the third party engagement.

Programme governance is provided through Enterprise Risk Management overseen by the TPO Governance Board which includes representation from key functional areas and the business. We have a dedicated TPO team responsible for the implementation and evolution of the programme in response to developments in the internal and external environment.

Each business leadership team retains ultimate accountability for managing third party interactions and risks. When working with third parties, our employees are expected to manage external interactions and commitments responsibly. This expectation is embedded in our values and Code of Conduct. It is our responsibility that all activities carried out on our behalf are performed safely and in compliance with applicable laws and our values, expectations, standards and Code of Conduct (See ABAC report above).

Our programme is complemented with independent oversight and assurance undertaken by the Audit & Assurance and Independent Business Monitoring teams. We review the TPO programme against other large multinational companies and use external expertise and internal insights to drive improvements in the programme.

Environment, health & safety and sustainability (EHS&S)

Risk definition

Failure to manage environment, health & safety and sustainability (EHS&S) risks in line with our objectives and policies and with relevant laws and regulations.

Risk impact

Failure to manage EHS&S risks could lead to significant harm to people, the environment and communities in which we operate, fines, failure to meet stakeholder expectations and regulatory requirements, litigation or regulatory action, and damage to the Group's reputation, which could materially and adversely affect our financial results.

Context

We are subject to health, safety and environmental laws of various jurisdictions. These laws impose duties to protect people, the environment, and the communities in which we operate, as well as potential obligations to remediate contaminated sites. We have also been identified as a potentially responsible party under the US Comprehensive Environmental Response Compensation and Liability Act at a number of sites for remediation costs relating to our use or ownership of such sites in the US. Failure to manage these environmental risks properly could result in litigation, regulatory action and additional remedial costs that may materially and adversely affect our financial results. See Note 45 to the financial statements, 'Legal proceedings', for a discussion of the environmental related proceedings in which we are involved. We routinely accrue amounts related to our liabilities for such matters.

Environment, health & safety and sustainability (EHS&S) continued

Mitigating activities

The Corporate Executive Team (CET) is responsible for EHS&S governance under a global policy. Under that policy, the CET seeks to ensure there is a control framework in place to manage the risks, impacts and legal compliance issues that relate to EHS&S and for assigning responsibility to senior managers for providing and maintaining those controls. Individual managers seek to ensure that the EHS&S control framework is effective and well implemented in their respective business area and that it is fully compliant with all applicable laws and regulations, adequately resourced, maintained, communicated, and monitored. Additionally, each employee is personally responsible for ensuring that all applicable local standard operating procedures are followed by them and expected to take responsibility for EHS&S matters.

Our risk-based, proactive approach is articulated in our Global EHS&S standard which supports our EHS&S policy and our objective to discover, develop, manufacture, supply and sell our products without harming people or the environment. In addition to the design and provision of safe facilities, plant and equipment, we operate rigorous procedures that help us eliminate hazards where practicable and protect employees' health and well-being.

Through our continuing efforts to improve environmental sustainability we have reduced our value chain carbon intensity per pack, water consumption and waste generation. We actively manage our environmental remediation obligations and seek to ensure practices are environmentally sustainable and compliant.

Information security

Risk definition

The risk to GSK business activities if information becomes disclosed to those not authorised to see it, or if information or systems fail to be available or are corrupted, typically because of cybersecurity threats, although accident or malicious insider-action may be contributory causes.

Risk impact

Failure to adequately protect critical and sensitive systems and information may result in loss of commercial or strategic advantage and could materially affect our ongoing business operations, such as scientific research, clinical trials and manufacturing and supply chain activities.

Context

We rely on critical and sensitive systems and data, such as corporate strategic plans, intellectual property, manufacturing systems and trade secrets. There is the potential that our computer systems or information may be exposed to misuse or unauthorised disclosure.

We believe that the cyber security incidents that we have experienced to date have not resulted in significant disruptions to our operations and have not had a significant adverse effect on our results of operations, or on third parties. However, as the threats evolve we cannot provide assurance that our significant efforts in protecting and monitoring our systems and information will always be successful in preventing compromise or disruption in future. They increasingly involve highly-resourced threat actors such as nation-states and organised criminals. Combined with the size and complexity of our IT systems and those of our supply chain partners (including outsourced operations), this means that our systems and information have been, and are expected to continue to be, the subject of cyber-attacks of various types.

Mitigating activities

We have a global information protection policy and accompanying information technology standards and processes that are supported through a dedicated team and programme of activity. Our Information Protection function provides strategy, direction, and oversight, including active monitoring of cyber security, while enhancing our global information security capabilities, through an ongoing programme of investment that is in its sixth year.

We assess changes in our information protection risk environment through briefings by government agencies, subscription to commercial threat intelligence services and knowledge sharing with other pharmaceutical businesses and cross-industry bodies. Such changes are regularly reviewed by our Executive team and our Board and suitable adjustments agreed.

We aim to apply industry best practices as part of our information security policies, processes and technologies and invest in strategies that are commensurate with the changing nature of the security threat landscape. This will include suitable levels of cyber-risk insurance cover in future.

Principal risks and uncertainties continued

Supply continuity

Risk definition

Failure to deliver a continuous supply of compliant finished product; inability to respond effectively to a crisis incident in a timely manner to recover and sustain critical operations, including key supply chains.

Risk impact

We recognise that failure to supply our products can adversely impact consumers and patients who rely on them. A material interruption of supply or exclusion from healthcare programmes could expose us to litigation or regulatory action and financial penalties that could adversely affect the Group's financial results. The Group's international operations, and those of its partners, expose our workforce, facilities, operations and information technology to potential disruption from natural events (e.g. storm, earthquake), man-made events (e.g. civil unrest, terrorism), and global emergencies (e.g. Ebola outbreak, flu pandemic). It is important that we have robust crisis management and recovery plans in place to manage such events.

Context

Our supply chain operations are subject to review and approval by various regulatory agencies that effectively provide our license to operate. Failure by our manufacturing and distribution facilities or by suppliers of key services and materials could lead to litigation or regulatory action such as product recalls and seizures, interruption of supply, delays in the approval of new products, and suspension of manufacturing operations pending resolution of manufacturing or logistics issues.

We rely on materials and services provided by third party suppliers to make our products, including active pharmaceutical ingredients (API), antigens, intermediates, commodities, and components for the manufacture and packaging of Pharmaceutical, Vaccine and Consumer Healthcare products. Some of the third party services procured, such as services provided by contract manufacturing and clinical research organisations to support development of key products, are important to ensure continuous operation of our business.

Although we undertake risk mitigation we recognise that certain events could nevertheless still result in delays or service interruptions. We use effective crisis management and business continuity planning to provide for the health and safety of our people and to minimise impact to us, by maintaining functional operations following a natural or man-made disaster, or a public health emergency.

Mitigating activities

Our supply chain model is designed to ensure the supply, quality and security of our products globally, as far as possible. Through the Supply Chain Governance Committees we closely monitor the inventory status and delivery of our products, with the aim of ensuring that customers have the Pharmaceutical, Vaccines and Consumer Healthcare products they need. Improved links between commercial forecasting and manufacturing made possible by our core commercial cycle should, over time, reduce the risk associated with demand fluctuations and any impact on our ability to supply or the cost of write-offs where products exceed their expiry date. Each node of the supply chain is periodically reviewed to ensure adequate safety stock, while balancing working capital in our end-to-end supply chain. Particular attention is placed on mitigating supply risks associated with medically critical and high-revenue products.

We routinely monitor the compliance of manufacturing external suppliers to identify and manage risks in our supply base. Where practical, we minimise our dependence on single sources of supply for critical items. Where alternative sourcing arrangements are not possible, our inventory strategy aims to protect the supply chain from unanticipated disruption.

We continue to implement anti-counterfeit systems such as product serialisation in accordance with emerging supply chain requirements such as the EU Falsified Medicines Regulation around the world.

A corporate policy requires each business and functional area head to ensure effective crisis management and business continuity plans are in place that include authorised response and recovery strategies, key areas of responsibility and clear communication routes, before any business disruption occurs. Corporate Security supports the business by: coordinating crisis management and business continuity training; facilitating simulation exercises; assessing our preparedness and recovery capability; and providing assurance oversight of our central repository of plans supporting our critical business processes.

Each business performs risk oversight to assure adequate risk mitigation including identifying new and emerging threats. We have a coordinated approach to evaluate and manage the implications for our business arising from Brexit. Our approach to Brexit is set out on page 36.

These activities help ensure an appropriate level of readiness and response capability is maintained. We also develop and maintain partnerships with external bodies like the Business Continuity Institute and the UN International Strategy for Disaster Risk Reduction, which helps improve our business continuity initiatives in disaster-prone areas and supports the development of community resilience to disasters.

Shareholder information

Share capital and control

Details of our issued share capital and the number of shares held in Treasury as at 31 December 2018 can be found in Note 33 to the financial statements, 'Share capital and share premium account'.

Our Ordinary Shares are listed on the London Stock Exchange and are also quoted on the New York Stock Exchange (NYSE) in the form of American Depositary Shares (ADS). Each ADS represents two Ordinary Shares. For details of listed debt and where it is listed refer to Note 31 to the financial statements, 'Net debt'.

Holders of Ordinary Shares and ADS are entitled to receive dividends (when declared), the company's Annual Report, to attend and speak at general meetings of the company, to appoint proxies and to exercise voting rights.

There are no restrictions on the transfer, or limitations on the holding, of Ordinary Shares and ADS and no requirements to obtain approval prior to any transfers. No Ordinary Shares or ADS carry any special rights with regard to control of the company and there are no restrictions on voting rights. Major shareholders have the same voting rights per share as all other shareholders. There are no known arrangements under which financial rights are held by a person other than the holder of the shares and no known agreements on restrictions on share transfers or on voting rights.

Shares acquired through the Group's employee share plans rank equally with the other shares in issue and have no special rights. The trustees of our Employee Share Ownership Plan trusts have waived their rights to dividends on shares held by those trusts.

Exchange controls and other limitations affecting security holders

Other than certain economic sanctions, which may be in force from time to time, there are currently no applicable laws, decrees or regulations in force in the UK restricting the import or export of capital or affecting the remittance of dividends or other payments to holders of the company's shares who are non-residents of the UK. Similarly, other than certain economic sanctions which may be in force from time to time, there are no limitations relating only to non-residents of the UK under English law or the company's Articles of Association on the right to be a holder of, and to vote in respect of, the company's shares.

Interests in voting rights

Other than as stated below, as far as we are aware, there are no persons with significant direct or indirect holdings in the company. Information provided to the company pursuant to the Financial Conduct Authority's (FCA) Disclosure Guidance and Transparency Rules (DTRs) is published on a Regulatory Information Service and on the company's website, www.gsk.com.

The company had received notifications in accordance with the FCA's DTRs of the following notifiable interests in the voting rights in the company's issued share capital:

	31 December 2018		1 March 2019	
	No. of shares	*Percentage of issued capital (%)	No. of shares	*Percentage of issued capital (%)
BlackRock, Inc	348,328,939	7.02	359,325,075	7.24

* Percentage of Ordinary shares in issue, excluding Treasury shares.

We have not acquired or disposed of any interests in our own shares during the period under review, with the exception of those transferred from Treasury to satisfy awards under the Group's employee share plans.

Share buy-back programme

The Board has been authorised to issue and allot Ordinary Shares under Article 9 of the company's Articles of Association. The power under Article 9 and the authority for the company to make purchases of its own shares are subject to shareholder authorities which are sought on an annual basis at our Annual General Meeting (AGM). Any shares purchased by the company may be cancelled or held as Treasury shares or used for satisfying share options and grants under Group employee share plans.

Our programme covers purchases of shares for cancellation or to be held as Treasury shares, in accordance with the authority renewed by shareholders at the AGM in May 2018, when the company was authorised to purchase a maximum of just under 497 million shares. Details of shares purchased, those cancelled, those held as Treasury shares and those subsequently transferred from Treasury to satisfy awards under the Group's employee share plans are disclosed in Note 33 to the financial statements, 'Share capital and share premium account'.

In determining specific share repurchase levels, the company considers the development of free cash flow during the year. No shares were purchased during the financial years ended 2015, 2016, 2017 or 2018.

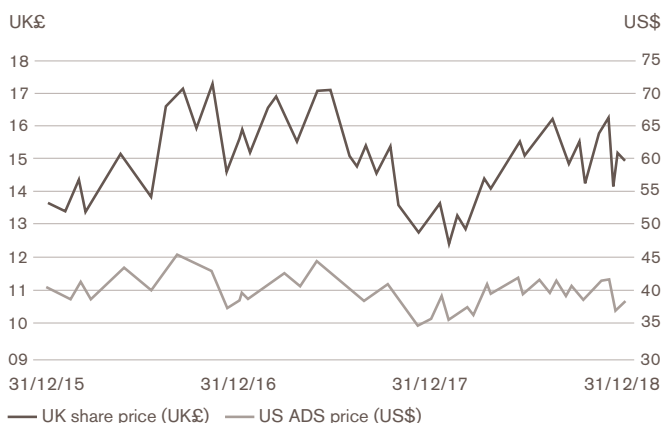
The company confirms that it does not currently intend to make any market purchases in 2019. The company will review the potential for future share buy-backs in line with its usual annual cycle and subject to return and ratings criteria.

Market capitalisation

The market capitalisation, based on shares in issue excluding Treasury shares, of GSK at 31 December 2018 was £73.23 billion. At that date, GSK was the fifth largest company by market capitalisation in the FTSE index.

Share price	2018 £	2017 £	2016 £
At 1 January	13.23	15.62	13.73
At 31 December	14.91	13.23	15.62
(Decrease)/increase	12.7%	(15.3)%	13.8%
High during the year	16.22	17.22	17.23
Low during the year	12.43	12.76	13.44

The table above sets out the middle market closing prices. The company's share price increased by 12.7% in 2018. This compares with a decrease in the FTSE 100 index of 12.5% during the year. The share price on 1 March 2019 was £15.10.



Shareholder information continued

Share capital and control continued

Nature of trading market

The following tables set out, for the periods indicated, the high and low middle market closing quotations in pence for the shares on the London Stock Exchange, and the high and low closing prices in US dollars for the ADS on the NYSE.

	Ordinary Shares		ADS	
	Pence per share		US dollars per share	
	High	Low	High	Low
March 2019*	1510	1510	40.39	40.39
February 2019	1558	1458	40.76	38.58
January 2019	1537	1436	39.38	37.83
December 2018	1513	1418	38.61	37.07
November 2018	1622	1480	41.87	38.84
October 2018	1558	1429	40.87	38.31
September 2018	1585	1484	40.53	38.99
Quarter ended 31 December 2018	1622	1418	41.87	37.07
Quarter ended 30 September 2018	1619	1484	41.87	38.99
Quarter ended 30 June 2018	1580	1378	41.94	38.85
Quarter ended 31 March 2018	1397	1243	35.49	39.38
Quarter ended 31 December 2017	1536	1276	41.10	34.66
Quarter ended 30 September 2017	1630	1452	42.77	38.68
Quarter ended 30 June 2017	1722	1550	44.37	40.68
Quarter ended 31 March 2017	1691	1520	42.73	38.72
Year ended 31 December 2018	1622	1243	41.94	35.49
Year ended 31 December 2017	1722	1276	44.37	34.66
Year ended 31 December 2016	1723	1345	45.49	37.39
Year ended 31 December 2015	1642	1238	48.81	37.56
Year ended 31 December 2014	1691	1324	56.66	41.30
Year ended 31 December 2013	1782	1359	53.68	43.93

* to 1 March 2019

Analysis of shareholdings at 31 December 2018

	Number of accounts	% of total accounts	% of total shares	Number of shares
Holding of shares				
Up to 1,000	78,209	71.19	0.50	27,196,746
1,001 to 5,000	24,687	22.47	0.99	53,245,886
5,001 to 100,000	5,762	5.25	1.66	89,028,177
100,001 to 1,000,000	842	0.77	5.49	295,494,317
Over 1,000,000	355	0.32	91.36	4,914,102,498
	109,855	100.00	100.00	5,379,067,624
Held by				
Nominee companies	5,102	4.65	62.48	3,360,713,155
Investment and trust companies	24	0.02	0.02	1,210,233
Insurance companies	3	0.00	0.00	768
Individuals and other corporate bodies	104,724	95.33	12.45	669,844,173
BNY (Nominees) Limited	1	0.00	17.34	932,693,345
Held as Treasury shares by GlaxoSmithKline	1	0.00	7.71	414,605,950

The Bank of New York Mellon is the Depository for the company's ADS, which are listed on the NYSE. Ordinary Shares representing the company's ADS programme, which is managed by the Depository, are registered in the name of BNY (Nominees) Limited. At 1 March 2019, BNY (Nominees) Limited held 934,362,581 Ordinary Shares representing 18.81% of the issued share capital (excluding Treasury shares) at that date.

At 1 March 2019, the number of holders of Ordinary Shares in the US was 974 with holdings of 994,696 Ordinary Shares, and the number of registered holders of ADS was 21,197 with holdings of 467,181,290 ADS. Certain of these Ordinary Shares and ADS were held by brokers or other nominees. As a result, the number of holders of record or registered holders in the US is not representative of the number of beneficial holders or of the residence of beneficial holders.

Dividends

The company pays dividends quarterly and continues to return cash to shareholders through its dividend policy. Dividends remain an essential component of total shareholder return and GSK recognises the importance of dividends to shareholders. The company aims to distribute regular dividend payments that will be determined primarily with reference to the free cash flow generated by the business after funding the investment necessary to support the Group's future growth.

Dividends per share

The table below sets out the dividend per share and per ADS for the last five years. The dividend per ADS is translated into US dollars at applicable exchange rates.

Year	Dividend	pence	US\$
2018		80	— ¹
2017		80	2.16
2016		80	2.00
2015	Special*	20	0.57
2015		80	2.37
2014		80	2.59
2013		78	2.47

¹ The Q4 2018 interim ordinary dividend receivable by ADS holders will be calculated based on the exchange rate on 11 April 2019. An annual fee of \$0.03 per ADS (or \$0.0075 per ADS per quarter) will be charged by the Depository. The cumulative dividend receivable by ADS holders for Q1, Q2 and Q3 2018 was \$1.48.

* The 2015 special dividend related to the return of part of the net cash proceeds from the Novartis transaction completed in March 2015. This was paid with the fourth quarter ordinary dividend for 2015.

The Board intends to maintain the dividend for 2019 at the current level of 80p per share, subject to any material change in the external environment or performance expectations. Over time, as free cash flow strengthens, it intends to build free cash flow cover of the annual dividend to a target range of 1.25-1.50x, before returning the dividend to growth. Details of the dividends declared, the amounts and the payment dates are given in Note 16 to the financial statements, 'Dividends'.

Dividend calendar

Quarter	Ex-dividend date	Record date	Payment date
Q4 2018	21 February 2019	22 February 2019	11 April 2019
Q1 2019	16 May 2019	17 May 2019	11 July 2019
Q2 2019	8 August 2019	9 August 2019	10 October 2019
Q3 2019	14 November 2019	15 November 2019	9 January 2020
Q4 2019	20 February 2020	21 February 2020	9 April 2020

Financial calendar

Event	Date
Quarter 1 Results announcement	May 2019
Annual General Meeting	May 2019
Quarter 2 Results announcement	July 2019
Quarter 3 Results announcement	October 2019
Preliminary/Quarter 4 Results announcement	February 2020
Annual Report publication	February/March 2020
Annual Report distribution	March 2020

Information about the company, including the share price, is available on our website at www.gsk.com. Information made available on the website does not constitute part of this Annual Report.

Results announcements

Results announcements are issued to the London Stock Exchange and are available on its news service. They are also sent to the US Securities and Exchange Commission and the NYSE, issued to the media and made available on our website.

Financial reports

The company publishes an Annual Report which is made available on our website from the date of publication. Shareholders may elect to receive the Annual Report by contacting the registrar. Alternatively, shareholders may elect to receive notification by email of the publication of financial reports by registering on www.shareview.co.uk.

Copies of previous financial reports are available on our website. Printed copies can be obtained from our registrar in the UK (see page 256 for the contact details).

Shareholder information continued

Annual General Meeting 2019

Our Annual General Meeting (AGM) will be held at 2.30pm (UK time) on Wednesday 8 May 2019 at Sofitel London Heathrow, Terminal 5, London Heathrow Airport, TW6 2GD.

The AGM is the company's principal forum for communication with private shareholders. In addition to the formal business, there will be a presentation by the CEO on the performance of the Group and its future development. There will be an opportunity for questions to be asked to the Board. Chairs of the Board's Committees will take questions relating to those Committees.

Investors holding shares through a nominee service should arrange with that nominee service to be appointed as a proxy in respect of their shareholding in order to attend and vote at the meeting.

ADS holders wishing to attend the meeting should contact BNY Mellon, as Depositary, to request a proxy appointment. This will enable them to attend and vote on the business to be transacted. ADS holders may instruct BNY Mellon as to the way in which the shares represented by their ADS should be voted by completing and returning the voting card provided by the Depositary.

Documents on display

The Articles of Association of the company and Directors' service contracts or, where applicable, letters of appointment between Directors and the company or any of its subsidiaries (and any side letters relating to severance terms and pension arrangements) are available for inspection at the company's registered office and will be made available for inspection at the AGM.

Tax information for shareholders

A summary of certain UK tax and US federal income tax consequences for holders of shares and ADS who are citizens of the UK or the US is set out below. It is not a complete analysis of all the possible tax consequences of the purchase, ownership or sale of these securities. It is intended only as a general guide. Holders are advised to consult their advisers with respect to the tax consequences of the purchase, ownership or sale of their shares or ADS and the consequences under state and local tax laws in the US and the implications of the current UK/US tax conventions.

US holders of ADS generally will be treated as the owners of the underlying shares for the purposes of the current US/UK double taxation conventions relating to income and gains (Income Tax Convention), estate and gift taxes (Estate and Gift Tax Convention), and for the purposes of the Internal Revenue Code of 1986, as amended (the Code).

UK shareholders

This summary only applies to a UK resident shareholder that holds shares as capital assets.

Taxation of dividends

For the UK tax year from 2018/19 UK resident individuals are entitled to a dividend tax allowance of up to £2,000, so that the first £2,000 of dividends received in a tax year will be free of tax. Dividends in excess of this allowance will be taxed at 7.5% for basic rate taxpayers, 32.5% for higher rate taxpayers and 38.1% for additional rate taxpayers.

UK resident shareholders that are corporation taxpayers should note that dividends payable on ordinary shares are generally entitled to exemption from corporation tax.

Taxation of capital gains

UK resident shareholders may be liable for UK tax on gains on the disposal of shares or ADS.

For disposals by individuals in the 2018/19 UK tax year, a taxable capital gain accruing on a disposal of shares or ADS will be taxed at 10% for basic rate taxpayers, or 20% if, after all allowable deductions, the individual's taxable income for the year exceeds the basic rate income tax limit. Note this is following the use of any exceptions available to the individual taxpayer such as the annual exempt amount.

Corporation taxpayers may be entitled to an indexation allowance which applies to reduce capital gains to the extent that such gains arise due to inflation. Indexation allowance may reduce a chargeable gain but will not create an allowable loss. For assets acquired on or before 1 January 2018, legislation in the Finance Act 2018 freezes the level of indexation allowance that is given in calculating a company's chargeable gains at the value that would apply to the disposal of an asset in December 2017. For assets acquired from 1 January 2018 onwards, legislation in the Finance Act 2018 removes any indexation allowance on disposal.

Inheritance tax

Individual (UK-domiciled or otherwise) shareholders may be liable to UK inheritance tax on the transfer of shares or ADS. Tax may be charged on the amount by which the value of the shareholder's estate is reduced as a result of any transfer by way of lifetime gift or other disposal at less than full market value. In the case of a bequest on death, tax may be charged on the value of the shares at the date of the shareholder's death. If such a gift or other disposal were subject to both UK inheritance tax and US estate or gift tax, the Estate and Gift Tax Convention would generally provide for tax paid in the US to be credited against tax payable in the UK.

Tax information for shareholders continued

Stamp duty and stamp duty reserve tax

UK stamp duty and/or stamp duty reserve tax (SDRT) will, subject to certain exemptions, be payable on the transfer of shares at a rate of 0.5% (rounded up to the nearest £5 in the case of stamp duty) of the consideration for the transfer. Notwithstanding this, provided that an instrument is executed in pursuance of the agreement that gave rise to the charge to SDRT and that instrument is stamped within six years of the agreement (including being stamped as exempt) any SDRT charge should be cancelled and any SDRT which has already been paid will be repaid.

US shareholders

This summary only applies to a shareholder (who is a citizen or resident of the US or a domestic corporation or a person that is otherwise subject to US federal income tax on a net income basis in respect of the shares or ADS) that holds shares or ADS as capital assets, is not resident in the UK for UK tax purposes and does not hold shares for the purposes of a trade, profession or vocation that is carried on in the UK through a branch or agency.

The summary also does not address the tax treatment of holders that are subject to special tax rules, such as banks, tax-exempt entities, insurance companies, dealers in securities or currencies, persons that hold shares or ADS as part of an integrated investment (including a 'straddle') comprised of a share or ADS and one or more other positions, and persons that own (directly or indirectly) 10% or more of the voting stock of the company, nor does it address tax treatment that may be applicable as a result of international income tax treaties.

Taxation of dividends

The gross amount of dividends received is treated as foreign source dividend income for US tax purposes. It is not eligible for the dividend received deduction allowed to US corporations. Dividends on ADS are payable in US dollars; dividends on Ordinary shares are payable in Sterling. Dividends paid in Sterling will be included in income in the US dollar amount calculated by reference to the exchange rate on the day the dividends are received by the holder. Subject to certain exceptions for short-term or hedged positions, an individual eligible US holder will be subject to US taxation at a maximum federal rate of 23.8% plus applicable state and local tax in respect of qualified dividends. A qualified dividend as defined by the US Internal Revenue Service (IRS) is a dividend that meets the following criteria:

1. Must be issued by a US corporation, a corporation incorporated in a US possession, or a corporation that is eligible for the benefits of a comprehensive income tax treaty deemed satisfactory, as published by the IRS.
2. The dividends are not listed with the IRS as dividends that do not qualify.
3. The required dividend holding period has been met. The shares must have been owned by you for more than 60 days of the 'holding period' – which is defined as the 121-day period that begins 60 days before the ex-dividend date, or the day in which the stock trades without the dividend priced in. For example, if a stock's ex-dividend date is 1 October, the shares must be held for more than 60 days in the period between 2 August and 30 November of that year in order to count as a qualified dividend.

Dividends that are not qualified are subject to taxation at the US federal graduated tax rates, at a maximum rate of 40.8%. Some types of dividends are automatically excluded from being qualified dividends, even if they meet the other requirements. These include (but are not limited to):

1. Capital gains distributions
2. Dividends on bank deposits
3. Dividends held by a corporation in an Employee Stock Ownership Plan (ESOP)
4. Dividends paid by tax-exempt corporations

US state and local tax rates on qualified and non-qualified dividends may vary and would be assessed in addition to the federal tax rates communicated above.

Taxation of capital gains

Generally, US holders will not be subject to UK capital gains tax, but will be subject to US tax on capital gains realised on the sale or other disposal of shares or ADS. Such gains will be long-term capital gains (subject to reduced rates of taxation for individual holders) if the shares or ADS were held for more than one year, from the date the shares were vested/released. Short-term capital gains can be subject to taxation of rates of up to 40.8%, whereas long-term capital gains may be subject to rates of up to 23.8%. State and local tax rates on capital gains may also apply.

Information reporting and backup withholding

Dividends and payments of the proceeds on a sale of shares or ADS, paid within the US or through certain US-related financial intermediaries are subject to information reporting and may be subject to backup withholding unless the US holder is a corporation or other exempt recipient or provides a taxpayer identification number and certifies that no loss of exemption has occurred. Non-US holders generally are not subject to information reporting or backup withholding, but may be required to provide a certification of their non-US status in connection with payments received. Any amounts withheld will be allowed as a refund or credit against a holder's US federal income tax liability provided the required information is furnished to the Internal Revenue Service.

Estate and gift taxes

Under the Estate and Gift Tax Convention, a US shareholder is not generally subject to UK inheritance tax. However, a US capital shareholder may be subject to US Estate and Gift Tax.

Stamp duty

UK stamp duty and/or SDRT will, subject to certain exemptions, be payable on any transfer of shares to the ADS custodian or depository at a rate of 1.5% of the amount of any consideration provided (if transferred on sale), or their value (if transferred for no consideration).

However, no stamp duty or SDRT should be payable on the transfer of, or agreement to transfer, an ADS.

Other statutory disclosures

Shareholder services and contacts

Registrar

The company's registrar is:

Equiniti Limited

Aspect House, Spencer Road, Lancing, BN99 6DA

www.shareview.co.uk

Tel: 0371 384 2991 (in the UK)*

Tel: +44 (0)121 415 7067 (outside the UK)

Equiniti provides a range of services for shareholders:

Service	What it offers	How to participate
Dividend Reinvestment Plan (DRIP)	As an alternative to receiving cash dividends you may choose to reinvest your dividends to buy more GSK shares.	A DRIP election form can be downloaded from www.shareview.co.uk or requested by contacting Equiniti.
Dividend payment direct to your bank account (Bank Mandate)	If you currently receive your dividends by cheque through the post, you can instead have them paid directly into your bank or building society account. This is quicker, more secure and avoids the risk of your cheque going astray.	A dividend bank mandate form can be downloaded from www.shareview.co.uk or requested by contacting Equiniti.
Dividend payment direct to bank account for overseas shareholders	Instead of waiting for a sterling cheque to arrive by post, Equiniti will convert your dividend into your local currency and send it direct to your local bank account. This service is available in over 100 countries worldwide.	For more details on this service and the costs involved please contact Equiniti.
Electronic communications	Shareholders may elect to receive electronic notifications of company communications including our Annual Report, dividend payments (if paid by way of a Bank Mandate), access to dividend confirmations and the availability of online voting for all general meetings. Each time GSK mails out hard copy shareholder documents you will receive an email containing a link to the document or relevant website.	You can register at www.shareview.co.uk
Shareview portfolio service	This enables you to create a free online portfolio to view your share balance and movements, update your address and dividend payment instructions and register your votes for our AGM.	You can register at www.shareview.co.uk
De-duplication of publications or mailings	If you receive duplicate copies of mailings, you may have more than one account. Please contact Equiniti and they will arrange for your accounts to be merged into one for your convenience and to avoid waste and unnecessary costs.	Please contact Equiniti.
Share dealing service [†] (please note that market trading hours are from 8.00am to 4.30pm UK time, Monday to Friday (excluding public holidays in England and Wales))	Shareholders may trade shares, either held in certificated form or held in our Corporate Sponsored Nominee, online, by telephone or by a postal dealing service provided by Equiniti Financial Services Limited.	For online transactions, please log on to www.shareview.co.uk/dealing . For telephone transactions, please call 0345 603 7037 (in the UK) or +44 (0)121 415 7560 (outside the UK). For postal transactions, please call 0371 384 2991* to request a dealing form.
Corporate Sponsored Nominee Account	This is a convenient way to manage your shares without requiring a share certificate. The service provides a facility for you to hold your shares in a nominee account sponsored by the company. You will continue to receive dividend payments, annual reports and can attend and vote at the company's general meetings. Shareholders' names do not appear on the publicly available share register and the service is free to join.	An application form can be requested from www.shareview.co.uk or by contacting Equiniti.
Individual Savings Accounts (ISAs) [†]	The company has arranged for Equiniti Financial Services Limited to provide a GSK Corporate ISA to hold GSK Ordinary Shares.	Details are available from www.shareview.co.uk or can be requested by telephoning Equiniti, on 0345 300 0430. Lines are open 8.00am to 4.30pm for dealing, and until 6.00pm for enquiries Monday to Friday (excluding public holidays in England and Wales).

* UK lines are open from 8.30am to 5.30pm, Monday to Friday (excluding public holidays in England and Wales).

† The provision of share dealing details is not intended to be an invitation or inducement to engage in an investment activity. Advice on share dealing should be obtained from a stockbroker or independent financial adviser.

Shareholders services and contacts continued

ADS Depository

The ADS programme is administered by The Bank of New York Mellon:

BNY Mellon Shareowner Services
PO Box 505000
Louisville, KY 40233-5000

Overnight correspondence should be sent to:
BNY Mellon Shareowner Services
462 South 4th Street, Suite 1600
Louisville, KY 40202

www.mybnyhdr.com

Tel: +1 877 353 1154 (US toll free)

Tel: +1 201 680 6825 (outside the US)

email: shrrelations@cpushareownerservices.com

The Depository also provides Global BuyDIRECT[†], a direct ADS purchase/sale and dividend reinvestment plan for ADS holders. For details of how to enrol please visit www.mybnyhdr.com or call the above helpline number to obtain an enrolment pack.

Glaxo Wellcome and SmithKline Beecham Corporate PEPs

The Share Centre Limited
Oxford House, Oxford Road, Aylesbury, Bucks HP21 8SZ
Tel: +44 (0)1296 414 141
www.share.com

Donating shares to Save the Children

In 2013, GSK embarked on an ambitious global partnership with Save the Children to share our expertise and resources with the aim of helping to save the lives of one million children.

Shareholders with a small number of shares, the value of which makes it uneconomical to sell, may wish to consider donating them to Save the Children. Donated shares will be aggregated and sold by Save the Children who will use the funds raised to help them reach the above goal.[†]

To obtain a share donation form, please contact our registrar, Equiniti, which is managing the donation and sale of UK shares to Save the Children free of charge.

[†] The provision of share dealing details is not intended to be an invitation or inducement to engage in an investment activity.

Advice on share dealing should be obtained from a stockbroker or independent financial adviser.

Contacts

Investor relations

Investor relations may be contacted as follows:

UK

980 Great West Road
Brentford, Middlesex, TW8 9GS
Tel: +44 (0)20 8047 5000

US

5 Crescent Drive
Philadelphia PA 19112
Tel: +1 888 825 5249 (US toll free)
Tel: +1 215 751 4611 (outside the US)

GSK Response Center

Tel: +1 888 825 5249 (US toll free)

Share scam alert

If you receive an unsolicited telephone call offering to sell or buy your shares, please take extra care. The caller may be part of a highly organised financial scam.

If you are a UK shareholder, please contact the Financial Conduct Authority for further information on this, or other similar activities, at www.fca.org.uk/consumers or on its consumer helpline:

Tel: 0800 111 6768 (in the UK)*

Tel: +44 (0)20 7066 1000 (outside the UK)

* Lines are open from 8.00am to 6.00pm, UK time, Monday to Friday, except UK public holidays, and 9.00am to 1.00pm on Saturdays.

Other statutory disclosures continued

US law and regulation

A number of provisions of US law and regulation apply to the company because our shares are quoted on the New York Stock Exchange (NYSE) in the form of ADS.

NYSE rules

In general, the NYSE rules permit the company to follow UK corporate governance practices instead of those applied in the US, provided that we explain any significant variations. This explanation is contained in our Form 20-F, which can be accessed from the Securities and Exchange Commission's (SEC) EDGAR database or via our website. NYSE rules that came into effect in 2005 require us to file annual and interim written affirmations concerning the Audit & Risk Committee (ARC) and our statement on significant differences in corporate governance.

Sarbanes-Oxley Act of 2002

Following a number of corporate and accounting scandals in the US, Congress passed the Sarbanes-Oxley Act of 2002. Sarbanes-Oxley is a wide-ranging piece of legislation concerned largely with financial reporting and corporate governance.

As recommended by the SEC, the company has established a Disclosure Committee. The Committee reports to the CEO, the CFO and to the ARC. It is chaired by the Company Secretary and the members consist of senior managers from finance, legal, corporate communications and investor relations.

External legal counsel, the external auditors and internal experts are invited to attend the Disclosure Committee's meetings periodically. The Committee has responsibility for considering the materiality of information and, on a timely basis, determining the disclosure of that information. It has responsibility for the timely filing of reports with the SEC and the formal review of the Annual Report and Form 20-F. In 2018, the Committee met 26 times.

Sarbanes-Oxley requires that the annual report on Form 20-F contain a statement as to whether a member of the ARC is an audit committee financial expert as defined by Sarbanes-Oxley. Such a statement for the relevant member of the ARC (Judy Lewent) is included in the Audit & Risk Committee report on page 79 and in her biography on page 70. Additional disclosure requirements arise under section 302 and section 404 of Sarbanes-Oxley in respect of disclosure controls and procedures and internal control over financial reporting.

Section 302: Corporate responsibility for financial reports

Sarbanes-Oxley also introduced a requirement for the CEO and the CFO to complete formal certifications, confirming that:

- they have each reviewed the annual report on Form 20-F
- based on their knowledge, the annual report on Form 20-F contains no material misstatements or omissions
- based on their knowledge, the financial statements and other financial information fairly present, in all material respects, the financial condition, results of operations and cash flows as of the dates, and for the periods, presented in the annual report on Form 20-F

- they are responsible for establishing and maintaining disclosure controls and procedures that ensure that material information is made known to them, and have evaluated the effectiveness of these controls and procedures as at the year-end, the results of such evaluation being contained in the annual report on Form 20-F
- they are responsible for establishing and maintaining internal control over financial reporting that provides reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles
- they have disclosed in the annual report on Form 20-F any changes in internal controls over financial reporting during the period covered by the annual report on Form 20-F that have materially affected, or are reasonably likely to affect materially, the company's internal control over financial reporting, and they have disclosed, based on their most recent evaluation of internal control over financial reporting, to the external auditor and the ARC, all significant deficiencies and material weaknesses in the design or operation of internal controls over financial reporting which are reasonably likely to affect adversely the company's ability to record, process, summarise and report financial information, and any fraud (regardless of materiality) involving persons that have a significant role in the company's internal control over financial reporting.

The Group has carried out an evaluation under the supervision and with the participation of its management, including the CEO and CFO, of the effectiveness of the design and operation of the Group's disclosure controls and procedures as at 31 December 2018.

There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, even effective disclosure controls and procedures can only provide reasonable assurance of achieving their control objectives.

The CEO and CFO expect to complete these certifications and report their conclusions on the effectiveness of disclosure controls and procedures in March 2019, following which the certifications will be filed with the SEC as part of our Group's Form 20-F.

Section 404: Management's annual report on internal control over financial reporting

In accordance with the requirements of section 404 of Sarbanes-Oxley, the following report is provided by management in respect of the company's internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the US Securities Exchange Act of 1934, as amended (the 'Exchange Act')):

- management is responsible for establishing and maintaining adequate internal control over financial reporting for the Group. Internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS
- management conducted an evaluation of the effectiveness of internal control over financial reporting based on the framework, Internal Control – Integrated Framework (2013) issued by the Committee of Sponsoring Organisations of the Treadway Commission (COSO)
- there have been no changes in the Group's internal control over financial reporting during 2018 that have materially affected, or are reasonably likely to affect materially, the Group's internal control over financial reporting

US law and regulation continued

- management has assessed the effectiveness of internal control over financial reporting as at 31 December 2018 and its conclusion will be filed as part of the Group's Form 20-F, and
- Deloitte LLP, which has audited the consolidated financial statements of the Group for the year ended 31 December 2018, has also assessed the effectiveness of the Group's internal control over financial reporting under Auditing Standard 2201 of the Public Company Accounting Oversight Board (United States). Their audit report will be filed with the Group's Form 20-F.

Section 13(r) of the Exchange Act

Section 13(r) of the Exchange Act (Section 13(r)) requires issuers to make specific disclosure in their annual reports of certain types of dealings with Iran, including transactions or dealings with government-owned entities, as well as dealings with entities sanctioned for activities related to terrorism or proliferation of weapons of mass destruction, even when those activities are not prohibited by US law and do not involve US persons. The Group exports certain pharmaceutical, vaccine and consumer products to Iran, via sales by non-US entities, to two privately held Iranian distributors.

We do not believe that any of the Group's direct dealings with Iran require specific disclosure under these requirements.

The Group does not regularly receive information regarding the identity of its distributors' downstream customers in Iran, and it is possible that these customers include entities, such as government-owned hospitals and pharmacies, that are owned or controlled directly or indirectly by the Iranian government or by persons or entities sanctioned in connection with terrorism or proliferation activities.

Because the Group does not regularly receive information regarding the identity of its distributors' downstream customers, it cannot establish the proportion of gross revenue or sales potentially attributable to entities affiliated with the Iranian government or parties sanctioned for disclosable activities. As a result, the Group is reporting the entire gross revenues (£16.3 million) and net profits (£7.8 million) from the Group's sales to Iran in 2018.

The Group is also aware that some hospitals or other medical facilities in Lebanon may be affiliated with or controlled by Hezbollah, which is designated by the United States as a terrorist organisation. Again, the Group does not deal directly with such facilities and sells through distributors. The Group is also unable to identify with certainty the degree or nature of any affiliation of the end customers with Hezbollah, and the Group is unable to establish the proportion of gross revenue or sales potentially attributable to reportable entities. As a result, the Group is reporting the entire gross revenues (£45.4 million) and net profits (£21.5 million) from the Group's sales to Lebanon in 2018.

In addition to Section 13(r), US law also generally restricts dealings by US persons or persons which are subject to US jurisdiction with certain countries or territories that are subject to comprehensive sanctions. The Group does business, via non-US entities, in such jurisdictions targeted by sanctions laws, including Syria, Cuba, North Korea and Crimea. While we believe the Group complies with all applicable US sanctions laws in all material respects, such laws are complex and continue to evolve rapidly.

Donations to political organisations and political expenditure

With effect from 1 January 2009, to ensure a consistent approach to political contributions across the Group, we introduced a global policy to voluntarily stop all corporate political contributions.

In the period from 1 January 2009 to 31 December 2018, the Group did not make any political donations to EU or non-EU organisations.

Notwithstanding the introduction of this policy, in accordance with the Federal Election Campaign Act in the US, we continue to support an employee-operated Political Action Committee (PAC) that facilitates voluntary political donations by eligible GSK employees.

The PAC is not controlled by GSK. Decisions on the amounts and recipients of contributions are made by participating employees exercising their legal right to pool their resources and make political contributions, which are subject to strict limitations. In 2018, a total of US\$ 345,190 (2017 – US\$ 384,875) was donated to political organisations by the GSK employee PAC.

English law requires prior shareholder approval for political contributions to EU political parties and independent election candidates as well as for any EU political expenditure. The definitions of political donations, political expenditure, and political organisations used in the legislation are, however, quite broad. In particular, the definition of EU political organisations may extend to bodies such as those concerned with policy review, law reform, the representation of the business community and special interest groups such as those concerned with the environment, which the company and its subsidiaries might wish to support.

As a result, the definitions may cover legitimate business activities not in the ordinary sense considered to be political donations or political expenditure, nor are they designed to support any political party or independent election candidate.

Therefore, notwithstanding our policy, and while we do not intend to make donations to any EU political parties or organisations, nor to incur any EU political expenditure, we annually seek shareholder authorisation for any inadvertent expenditure.

The authority is a precautionary measure to ensure that the company and its subsidiaries do not inadvertently breach the legislation.

This authorisation process, for expenditure of up to £100,000 each year, dates back to the AGM held in May 2001, following the introduction of the Political Parties, Elections and Referendums Act 2000. The authority has since been renewed annually.

Other statutory disclosures continued

Group companies

In accordance with Section 409 of the Companies Act 2006 a full list of subsidiaries, associates, joint ventures and joint arrangements, the address of the registered office and effective percentage of equity owned, as at 31 December 2018 are disclosed below. Unless otherwise stated the share capital disclosed comprises ordinary shares which are indirectly held by GlaxoSmithKline plc. The percentage held by class of share is stated where this is less than 100%. Unless otherwise stated, all subsidiary companies have their registered office in their country of incorporation. All subsidiary companies are resident for tax purposes in their country of incorporation unless otherwise stated.

Name	Security	Registered address
Wholly owned subsidiaries		
1506369 Alberta ULC	Common	3500 855-2nd Street SW, Calgary, AB, T2P 4J8, Canada
Action Potential Venture Capital Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Adechsa GmbH (iv)	Ordinary	c/o PRV Provides Treuhandgesellschaft AG, Dorfstrasse 38, Baar, 6341, Switzerland
Adriatic Acquisition Corporation	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Affymax Research Institute	Common	Corporation Service Company, 2710 Gateway Oaks Drive, Suite 150N, Sacramento, California, 95833, United States
Alenfarma – Especialidades Farmaceuticas, Limitada (iv)	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
Allen & Hanburys Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Allen & Hanburys Pharmaceutical Nigeria Limited	Ordinary	24 Abimbola Way, Ilasamaja, Isolo, Lagos, Nigeria
Allen Farmaceutica, S.A.	Ordinary	Severo Ochoa, 2, Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
Allen Pharmazeutika Gesellschaft m.b.H.	Ordinary	Wagenseilgasse 3, Euro Plaza, Gebäude I, 4. Stock, Vienna, A-1120, Austria
Barrier Therapeutics, Inc.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Beecham Group p.l.c	20p Shares 'A'; 5p Shares 'B'	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Beecham Pharmaceuticals (Pte) Limited	Ordinary	38 Quality Road, Jurong Industrial Estate, Jurong, 618809, Singapore
Beecham Pharmaceuticals S.A. (iv) (vi)	Nominative	Av 10 De Agosto N36-239, y Naciones Unidas, Edificio Electroctuatoriana, 2do piso, Quito, Ecuador
Beecham Portuguesa-Produtos Farmaceuticos e Quimicos, Lda,	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
Beecham S.A. (iv)	Ordinary	Parc de la Noire Epine, rue Fleming 20, 1300 Wavre, Belgium
Biovesta İlaçları Ltd. Sti. (iv)	Nominative	Büyükdere Caddesi No. 173, 1.Levent Plaza B Blok, 1.Levent, Istanbul, 34394, Turkey
Block Drug Company, Inc.	Common	Corporation Service Company, Princeton South Corporate Center, Suite 160, 100 Charles Ewing Blvd, Ewing, New Jersey, 08628, United States
Block Drug Corporation (iv)	Common	Corporation Service Company, Princeton South Corporate Center, Suite 160, 100 Charles Ewing Blvd, Ewing, New Jersey, 08628, United States
Burroughs Wellcome & Co (Bangladesh) Limited	Ordinary	Fouzderhat Industrial Area, Dhaka Trunk Road, North Kattali, Chittagong – 4217, Bangladesh
Burroughs Wellcome International Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Cascan GmbH & Co. KG	Partnership Capital	Industriestrasse 32-36, Bad Oldesloe, 23843, Germany
Castleton Investment Ltd (vi)	Ordinary	C/O DTOS, 19 Cybercity, 10th Floor Standard Chartered Tower, Ebene, Mauritius
Cellzome GmbH	Ordinary	Meyerhofstrasse 1, Heidelberg, 69117, Germany
Cellzome Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Cellzome Therapeutics, Inc. (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Cellzome, Inc.	Common; Series A Preferred; Series B Preferred; Series C-1 Convertible Preferred; Series C-3 Convertible Preferred	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Charles Midgley Limited (iv)	Ordinary; 7% Cumulative Preference	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Chiron Behring Vaccines Private Limited (vi)	Ordinary	401-402, A, Wing, 4th Floor, Floral Deck Plaza, Opp Rolta Bhavan, Central MIDC Road, Mumbai, Andheri (E), 400093, India
Clarges Pharmaceuticals Limited (iv)	Ordinary; Preference (99.97%)	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Colleen Corporation	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Corixa Corporation	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Coulter Pharmaceutical, Inc. (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
de Mičlén s.r.o.	Ordinary	Priemyselny Park Gena, Ul. E. Sachsa 4-6, 934 01, Levice, Slovakia
Dealcyber Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Desarrollo Energia Solar Alternativa S.L.	Ordinary	Severo Ochoa, 2, Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
Domantis Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Duncan Consumer Healthcare Philippines Inc	Common	2266 Don Chino Roces Avenue, Makati City, Philippines
Duncan Flockhart Australia Pty Limited (iv) (vi)	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
Duncan Pharmaceuticals Philippines Inc.	Common	2266 Chino Roces Avenue, City of Makati, 1231, Philippines
Edinburgh Pharmaceutical Industries Limited	Ordinary; Preference	Shewalton Road, Irvine, Ayrshire, KA11 5AP, Scotland
Eskaylab Limited	10p Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Etex Farmaceutica Ltda	Social Capital	Avenue Andres Bello 2687, Piso 19, Las Condes, Santiago, C.P. 7550611, Chile
Ex-Lax, Inc.	Common	The Prentice Hall Corporation System, Puerto Rico, Inc., c/o Fast Solutions, LLC, Citi Tower, 252 Ponce de Leon Avenue, Floor 20, San Juan, 00918, Puerto Rico
Fipar (Thailand) Ltd (in liquidation)	Ordinary	12th Floor Wave Place, 55 Wireless Road, Lumpini, Pathumwan, Bangkok, 10330, Thailand
Genelabs Technologies, Inc.	Common	Corporation Service Company, 2710 Gateway Oaks Drive, Suite 150N, Sacramento, California, CA, 95833, United States
Glaxo AS (iv) (vi)	Ordinary	Drammensveien 288, 1326 Lysaker, Norway
Glaxo Group Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Glaxo Kabushiki Kaisha (iv)	Ordinary	1-8-1 Akasaka Minato-Ku, Tokyo, Japan
Glaxo Laboratories (Nigeria) Limited (iv)	Ordinary	82 Marine Road, Apapa, Lagos, Nigeria
Glaxo Laboratories Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Glaxo New Zealand Pension Plan Trustee Limited	Ordinary	Level 11, Zurich House, 21 Queen Street, Auckland, 1010, New Zealand
Glaxo Operations UK Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Glaxo Properties BV	Ordinary	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
Glaxo Verwaltungs GmbH	Ordinary	Industriestrasse 32-36, Bad Oldesloe, 23843, Germany
Glaxo Wellcome Australia Pty Ltd (iv) (vi)	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
Glaxo Wellcome Farmaceutica, Limitada	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
Glaxo Wellcome International B.V. (v)	Ordinary	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
Glaxo Wellcome Manufacturing Pte Ltd	Ordinary	1 Pioneer Sector 1, Jurong Industrial Estate, Jurong, 628413, Singapore
Glaxo Wellcome Production S.A.S.	Ordinary	23 rue François Jacob, 92500, Rueil-Malmaison, France
Glaxo Wellcome UK Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Glaxo Wellcome Vidhyasom Limited (iv)	Ordinary	12th Floor Wave Place, 55 Wireless Road, Lumpini, Pathumwan, Bangkok, 10330, Thailand
Glaxo Wellcome, S.A.	Ordinary	Poligono Industrial Allenduedero, Avenida de Extremadura, 3, Aranda de Duero, Burgos, 09400, Spain
Glaxo, S.A.	Ordinary	Severo Ochoa, 2, Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
Glaxo-Allenburys (Nigeria) Limited (iv)	Ordinary	41 Creek Road, Apapa, Lagos, PMB 1401, Nigeria
Glaxochem (UK) Unlimited	Ordinary; Ordinary B; Ordinary C	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Glaxochem Pte Ltd (v)	Ordinary	23 Rochester Park, 139234, Singapore
GlaxoSmithKline - Produtos Farmaceuticos, Limitada	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
GlaxoSmithKline (Cambodia) Co., Ltd. (vi)	Ordinary	5th Floor DKSH Building, No.797 Preah Monivong Boulevard (Corner of Street 484), Sangkat Phsar Deum Thakov, Khan Chamkarmon, Phnom Penh, Cambodia
GlaxoSmithKline (China) Investment Co Ltd	Ordinary	Room 901 - 910, Building A, Ocean International Center, 56 Mid 4th East Ring Road, Beijing, Chaoyang District, China
GlaxoSmithKline (China) R&D Company Limited	Equity	No 3 Building, 898 Halei Road, Zhang Jiang, Hi Tech Park Pudong New Area, Shanghai, China
GlaxoSmithKline (Cyprus) Limited	Ordinary	Arch. Makariou III, 2-4, Capital Center, 9th Floor, Nicosia, P.C. 1505, Cyprus
GlaxoSmithKline (GSK) S.R.L.	Ordinary	1-5 Costache Negri Street, Opera Center One, 5th and 6th floors, Zone 1, District 5, Bucharest, Romania
GlaxoSmithKline (Ireland) Limited (ii)	Ordinary	12 Riverwalk Citywest Business Campus, Dublin, 24, Ireland
GlaxoSmithKline (Israel) Ltd	Ordinary	25 Basel Street, PO Box 10283, Petach-Tikva, 49002, Israel
GlaxoSmithKline (Malta) Limited	Ordinary	1, First Floor, De La Cruz Avenue, Qormi, QRM2458, Malta
GlaxoSmithKline (Private) Limited (iv)	Ordinary	Unit 3, 20 Anthony Road, Msasa, Harare, Zimbabwe

Other statutory disclosures continued

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
GlaxoSmithKline (Thailand) Limited	Ordinary	12th Floor Wave Place, 55 Wireless Road, Lumpini, Pathumwan, Bangkok, 10330, Thailand
GlaxoSmithKline A.E.B.E.	Ordinary	266 Kifissias Avenue, Halandri, Athens, 152 32, Greece
GlaxoSmithKline AB	Ordinary	Hemvarmsg. 9, Solna, 171 54, Sweden
GlaxoSmithKline AG	Ordinary	Talstrasse 3-5, 3053 Muenchenbuchsee, Switzerland
GlaxoSmithKline Angola Unipessoal Limitada (vi)	Quotas	Luanda, Bairro Petrangol, Estrada de Cacuo n° 288, Angola
GlaxoSmithKline Argentina S.A.	Ordinary	Tucumán 1, piso 4, Buenos Aires, C1049AAA, Argentina
GlaxoSmithKline AS	Ordinary	Drammensveien 288, 1326 Lysaker, Norway
GlaxoSmithKline Asia Pvt. Limited	Equity	Patiala Road, Nabha 147201, Dist Patiala, Punjab, India
GlaxoSmithKline Australia Pty Ltd	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
GlaxoSmithKline B.V.	Ordinary	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
GlaxoSmithKline Beteiligungs GmbH	Ordinary	Prinzregentenplatz 9, Munchen, 81675, Germany
GlaxoSmithKline Biologicals (Shanghai) Ltd.	Ordinary	No. 277 Niudun Road, China (Shanghai) Pilot Free Trade Zone
GlaxoSmithKline Biologicals Kft.	Ordinary	2100 Gödöllő, Homoki Nagy István utca 1, Hungary
GlaxoSmithKline Biologicals S.A.S.	Ordinary	637 Rue des Aulnois, Saint-Amand Les Eaux, 59230, France
GlaxoSmithKline Biologicals SA	Ordinary; Preference	Rue de l'Institut 89, B-1330 Rixensart, Belgium
GlaxoSmithKline Brasil Limitada	Quotas	Estrada dos Banderiantes, 8464, Rio de Janeiro, 22783-110, Brazil
GlaxoSmithKline Brasil Produtos para Consumo e Saude Ltda	Quotas	66 BL1/302, Vitor Civita Street, Barra Tijuca, Rio de Janeiro, 22775-044, Brazil
GlaxoSmithKline Capital Inc.	Common	Wilmington Trust SP Services Inc., 1105 North Market Street, Suite 1300, Wilmington, Delaware, 19801, United States
GlaxoSmithKline Capital plc	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Caribbean Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Chile Farmaceutica Limitada	Social Capital	Avenue Andres Bello No. 2687, Piso 19, Las Condes, Santiago, C.P. 7550611, Chile
GlaxoSmithKline Colombia S.A.	Ordinary	Avenida El Dorado, #69B-45/Piso 9, Bogota, Colombia
GlaxoSmithKline Consumer Healthcare (China) Co. Ltd	Ordinary	Floor 8, 168 Xizangzhong Road, Huangpu District, Shanghai, China
GlaxoSmithKline Consumer Healthcare (Hong Kong) Limited	Ordinary	Units 2201, 2214 and 23/F, Tower 6, The Gateway, 9 Canton Road, Harbour City, Tsimshatsui, Kowloon, Hong Kong
GlaxoSmithKline Consumer Healthcare (Ireland) Limited (ii)	Ordinary	12 Riverwalk Citywest Business Campus, Dublin, 24, Ireland
GlaxoSmithKline Consumer Healthcare (Overseas) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare (Thailand) Limited	Ordinary	13th Floor, Unit 13.05 and 13.06 Wave Place, 55 Wireless Road, Lumpini, Pathumwan, Bangkok, 10330, Thailand
GlaxoSmithKline Consumer Healthcare (UK) (No.1) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare (UK) IP Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare (UK) Trading Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare (US) IP LLC	LLC Interests	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline Consumer Healthcare A/S	Ordinary	Nykaer 68, Brøndby, DK-2605, Denmark
GlaxoSmithKline Consumer Healthcare AB (vii)	Ordinary	Nykaer 68, DK-2605, Brøndby, Denmark
GlaxoSmithKline Consumer Healthcare Australia Pty Ltd	Ordinary	82 Hughes Avenue, Ermington, NSW, 2115, Australia
GlaxoSmithKline Consumer Healthcare B.V.	Ordinary	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
GlaxoSmithKline Consumer Healthcare Colombia SAS	Ordinary	Avenida El Dorado, #69B-45/Piso 9, Bogota, Colombia
GlaxoSmithKline Consumer Healthcare Czech Republic s.r.o.	Ordinary	Hvezdova 1734/2c, Prague, 4 140 00, Czech Republic
GlaxoSmithKline Consumer Healthcare Finance Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare Finance No.2 Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare Finland Oy	Ordinary	Piispansilta 9A, Fin-02230, Espoo, Finland
GlaxoSmithKline Consumer Healthcare GmbH	Ordinary	Wagenseilgasse 3, Euro Plaza, Gebäude I, 4. Stock, Vienna, A-1120, Austria
GlaxoSmithKline Consumer Healthcare GmbH & Co. KG	Partnership Capital	Barthstr. 4, München, 80339, Germany
GlaxoSmithKline Consumer Healthcare Greece Societe Anonyme	Ordinary	274 Kifissias Avenue Halandri, Athens, 152 32, Greece
GlaxoSmithKline Consumer Healthcare Holdings (US) LLC	LLC Interests	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline Consumer Healthcare Holdings Limited	Ordinary A	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare Inc.	Common	7333 Mississauga Road North, Mississauga, ON, L5N 6L4, Canada
GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No 3) Limited (ii) (v)	Ordinary	Knockbrack, Dunganarvan, Co Waterford, X35 RY76, Ireland
GlaxoSmithKline Consumer Healthcare Investments (Ireland) (No.2) Unlimited Company (ii) (v)	Ordinary	Knockbrack, Dunganarvan, Co Waterford, X35 RY76, Ireland
GlaxoSmithKline Consumer Healthcare Investments (Ireland) Limited (ii) (v) (vi)	Ordinary	6900 Cork Airport Business Park, Kinsale Road, Cork, County Cork, Ireland

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
GlaxoSmithKline Consumer Healthcare Ireland IP Limited (ii) (v) (vi)	Ordinary	Currabinny, Carrigaline, County Cork, Ireland
GlaxoSmithKline Consumer Healthcare Japan K.K.	Ordinary	1-8-1 Akasaka Minato-Ku, Tokyo, Japan
GlaxoSmithKline Consumer Healthcare Korea Co., Ltd.	Ordinary	9F LS Yongsan Tower, 92, Hangang-daero, Yongsan-gu, Seoul, 04386, Korea, Republic of
GlaxoSmithKline Consumer Healthcare L.L.C.	LLC Interests	Corporation Service Company, 2595 Interstate Drive Suite 103, Harrisburg, Pennsylvania, 17110, United States
GlaxoSmithKline Consumer Healthcare Mexico, S. De R.L. de C.V.	Ordinary	Calzada Mexico-Xochimilco 4900, Colonia San Lorenzo Huipulco, Delegacion Tlalpan, Mexico, D.F. 14370, Mexico
GlaxoSmithKline Consumer Healthcare New Zealand Limited	Ordinary	Level 11, Zurich House, 21 Queen Street, Auckland, 1010, New Zealand
GlaxoSmithKline Consumer Healthcare Norway AS	Ordinary	Drammensveien 288, 1326 Lysaker, Norway
GlaxoSmithKline Consumer Healthcare Philippines Inc	Common	2266 Don Chino Roces Avenue, Makati City, Philippines
GlaxoSmithKline Consumer Healthcare Pte. Ltd.	Ordinary	23 Rochester Park, 139234, Singapore
GlaxoSmithKline Consumer Healthcare S.A.	Ordinary	Site Apollo, Avenue Pascal 2-4-6, Wavre, 1300, Belgium
GlaxoSmithKline Consumer Healthcare S.A.	Ordinary	Severo Ochoa, 2, Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
GlaxoSmithKline Consumer Healthcare S.p.A.	Ordinary	Via Zambelletti snc, Baranzate, Milan, 20021, Italy
GlaxoSmithKline Consumer Healthcare Saudi Limited	Ordinary	603 Salamah Tower 6th Floor, Madinah Road Al-Salamah District Jeddah 21425 Saudi Arabia
GlaxoSmithKline Consumer Healthcare Sdn. Bhd.	Ordinary	Lot 89, Jalan Enggang, Ampang/Ulu Kelang Industrial Estate, Selangor, 54200, Malaysia
GlaxoSmithKline Consumer Healthcare Slovakia s. r. o.	Ownership interest	Galvaniho 7/A, Bratislava, 821 04, Slovakia
GlaxoSmithKline Consumer Healthcare South Africa (Pty) Ltd	Ordinary	Flushing Meadows Building, The Campus, 57 Sloane Street, Bryanston 2021, South Africa
GlaxoSmithKline Consumer Healthcare Sp.z.o.o.	Ordinary	Ul. Grunwaldzka 189, Poznan, 60-322, Poland
GlaxoSmithKline Consumer Healthcare Sri Lanka Holdings Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Consumer Healthcare SRL	Ordinary	1-5 Costache Negri Street, Opera Center One, 6th floor (Zone 2), District 5, Bucharest, Romania
GlaxoSmithKline Consumer Healthcare Vietnam Company Limited (iv)	Charter Capital	Floor 16, Metropolitan, 235 Dong Khoi, Ben Nghe Ward, District 1, Ho Chi Minh City, Viet Nam
GlaxoSmithKline Consumer Healthcare, Produtos para a Saude e Higiene, Lda	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquarque, Miraflores, Alges, 1495-131, Portugal
GlaxoSmithKline Consumer Holding B.V. (iv)	Ordinary	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
GlaxoSmithKline Consumer Private Limited	Equity	Patiala Road, Nabha 147201, Dist Patiala, Punjab, India
GlaxoSmithKline Consumer Trading Services Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Costa Rica S.A.	Ordinary	San Jose 300 Este de la Rotonda Betania, Carretera a Sabanilla, Costa Rica
GlaxoSmithKline d.o.o.	Quotas	Zmja od Bosne broj 7-7a, Sarajevo, 71000, Bosnia and Herzegovina
GlaxoSmithKline d.o.o.	Equity capital	Ulica Damira Tomljanovica Gavrana 15, Zagreb, Croatia
GlaxoSmithKline doo Beograd	Ordinary	Omladinskih brigada 88, New Belgrade, City of Belgrade, 11070, Serbia
GlaxoSmithKline Dungarvan Limited (ii)	Ordinary	Knockbrack, Dungarvan, Co Waterford, X35 RY76, Ireland
GlaxoSmithKline Ecuador S.A.	Ordinary	Av 10 De Agosto N36-239, y Naciones Unidas, Edificio Electroectoriana, 2do piso, Quito, Ecuador
GlaxoSmithKline Eesti OU	Ordinary	Lõotsa 8a, Tallinn, 11415, Estonia
GlaxoSmithKline El Salvador S.A. de C.V.	Ordinary	Avenida El Boqueron y Calle Izalco No 7 y 8 Parque Industrial El Boqueron, Santa Elen, Antiguo Custatlan, La Libertad, El Salvador
GlaxoSmithKline EOOD	Ordinary	115 G Tsarigradsko Shose Blvd., floor 9, Mladost Region, Sofia, 1784, Bulgaria
GlaxoSmithKline Export Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Export Panama S.A.	Ordinary	Panama City, Republic of Panama, Panama
GlaxoSmithKline Far East B.V.	Ordinary	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
GlaxoSmithKline Finance plc	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline GmbH & Co. KG	Partnership Capital	Prinzregentenplatz 9, Munchen, 81675, Germany
GlaxoSmithKline Guatemala S.A.	Ordinary	Novena Avenida 0-09, Zona 4, Guatemala City, Guatemala
GlaxoSmithKline Healthcare AO	Ordinary	Presnenskaya nab 10, Moscow, 123112, Russian Federation
GlaxoSmithKline Healthcare GmbH	Ordinary	Barthstr. 4, München, 80339, Germany
GlaxoSmithKline Healthcare Ukraine O.O.O.	Ownership interest	Pavla Tychyny avenue, 1-V, Kiev, 02152, Ukraine
GlaxoSmithKline Holding AS	Ordinary	Drammensveien 288, 1326 Lysaker, Norway
GlaxoSmithKline Holdings (Americas) Inc.	Common	Wilmington Trust SP Services Inc., 1105 North Market Street, Suite 1300, Wilmington, Delaware, 19801, United States
GlaxoSmithKline Holdings (Ireland) Limited	Ordinary; Deferred	980 Great West Road, Brentford, Middlesex, TW8 9GS, England

Other statutory disclosures continued

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
GlaxoSmithKline Holdings (One) Limited (i)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Holdings Limited (i)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Holdings Pty Ltd	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
GlaxoSmithKline Honduras S.A.	Ordinary	Tegucigalpa, MDC, Honduras
GlaxoSmithKline IHC Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline İlaclari Sanayi ve Ticaret A.S.	Nominative	Büyükdere Caddesi No. 173, 1.Levent Plaza B Blok, 1.Levent, Istanbul, 34394, Turkey
GlaxoSmithKline Inc.	Class A Common; Class C Preference	7333 Mississauga Road North, Mississauga, ON, L5N 6L4, Canada
GlaxoSmithKline Insurance Ltd.	Ordinary	19 Par-La-Ville Road, Hamilton, HM11, Bermuda
GlaxoSmithKline Intellectual Property (No.2) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Intellectual Property (No.3) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Intellectual Property (No.4) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Intellectual Property Development Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Intellectual Property Holdings Limited	A Ordinary; B Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Intellectual Property Limited	Ordinary; Deferred	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Intellectual Property Management Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline International Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Investigación y Desarrollo, S.L.	Ordinary	Severo Ochoa 2 Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
GlaxoSmithKline Investment Holdings Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Investment Services Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Investments (Ireland) Limited (ii) (v) (vi)	Ordinary	Currabinny, Carrigaline, County Cork, Ireland
GlaxoSmithKline Investments Pty Ltd	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
GlaxoSmithKline K.K.	Ordinary	1-8-1 Akasaka Minato-Ku, Tokyo, Japan
GlaxoSmithKline Korea Limited	Ordinary	9F LS Yongsan Tower 92, Hanggangdae-ro Yongsan-gu, Seoul, 04386, Republic of Korea
GlaxoSmithKline Latin America, S.A.	Ordinary	Panama City, Republic of Panama, Panama
GlaxoSmithKline Latvia SIA	Ordinary	Duntes iela 3, Riga, Latvia
GlaxoSmithKline Lietuva UAB	Ordinary	Ukmerges st. 120, Vilnius, LT-08105, Lithuania
GlaxoSmithKline Limited	Ordinary	Units 2201, 2214 and 23/F, Tower 6, The Gateway, 9 Canton Road, Harbour City, Tsimshatsui, Kowloon, Hong Kong
GlaxoSmithKline Limited	Ordinary	Likoni Road, PO Box 78392, Nairobi, Kenya
GlaxoSmithKline LLC	LLC Interests	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline Manufacturing SpA	Ordinary	Via Alessandro Fleming 2, Verona, 37135, Italy
GlaxoSmithKline Maroc S.A.	Ordinary	42-44 Angle Bd, Rachidi et Abou Hamed El Glaza, Casablanca, Morocco
GlaxoSmithKline Medical and Healthcare Products Limited	Ordinary	H-1124, Csorsz utca 43, Budapest, Hungary
GlaxoSmithKline Mercury Limited (i)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Mexico S.A. de C.V.	Ordinary A; Ordinary B	Calzada, Mexico-Xochimilco 4900, Colonia San Lorenzo, Huipulco, Delegacion Tlalpan, 14370, Mexico
GlaxoSmithKline NZ Limited	Ordinary	Level 11, Zurich House, 21 Queen Street, Auckland, 1010, New Zealand
GlaxoSmithKline Oy	Ordinary	Piispansilta 9A, P.O. Box 24, Espoo, FIN-02230, Finland
GlaxoSmithKline Panama S.A.	Ordinary	Urbanizacion Industrial Juan D, Calles A Y B, Republic of Panama, Panama
GlaxoSmithKline Paraguay S.A.	Ordinary	Oficial Gilberto Aranda 333, Planta Alta casi Salvador del Mundo, Asuncion, Paraguay
GlaxoSmithKline Peru S.A.	Ordinary	Av. Javier Prado Oeste, 995, San Isidro, LIMA 27, Peru
GlaxoSmithKline Pharma A/S	Ordinary	Nykaer 68, Brøndby, DK-2605, Denmark
GlaxoSmithKline Pharma GmbH	Ordinary	Wagenseilgasse 3, Euro Plaza, Gebäude I, 4. Stock, Vienna, A-1120, Austria
GlaxoSmithKline Pharmaceutical Kenya Limited	Ordinary	L.R. NO. 209/6921, 5th Floor, Ilea Lion Centre, Riverside Park West Wing, Chiromo Road, Westlands P.O. Box 10643-00100, Nairobi, Kenya
GlaxoSmithKline Pharmaceutical Nigeria Limited	Ordinary	1 Industrial Avenue, Ilupeju, Ikeja, Lagos, PM B 21218, Nigeria
GlaxoSmithKline Pharmaceutical Sdn Bhd	Ordinary	Level 6, Quill 9, 112, Jalan Semangat, Petaling Jaya, Selangor Darul Ehsan, 46300, Malaysia
GlaxoSmithKline Pharmaceuticals (Pvt) Ltd	Ordinary	121 Galle Road, Kaldemulla, Moratuwa, Sri Lanka
GlaxoSmithKline Pharmaceuticals (Suzhou) Limited	Ordinary	No 40 Su Hong Xi Road, Suzhou Industrial Park, Suzhou, 215021, China
GlaxoSmithKline Pharmaceuticals Costa Rica S.A.	Ordinary	300 metros al este de la Rotonda de la Betania, Mercedes de Montes de Oca, Sabanita, Montes de Oca, San Jose, Costa Rica

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
GlaxoSmithKline Pharmaceuticals S.A.	Ordinary A; Ordinary B; Ordinary C; Ordinary D	Ul. Grunwaldzka 189, Poznan, 60-322, Poland
GlaxoSmithKline Pharmaceuticals SA	Ordinary	Site Apollo, Avenue Pascal 2-4-6, Wavre, 1300, Belgium
GlaxoSmithKline Pharmaceuticals Ukraine LLC	Chartered Capital	Pavla Tychyny avenue, 1-V, Kiev, 02152, Ukraine
GlaxoSmithKline Philippines Inc	Common	2266 Chino Roces Avenue, City of Makati, 1231, Philippines
GlaxoSmithKline Pte Ltd	Ordinary	23 Rochester Park, 139234, Singapore
GlaxoSmithKline Puerto Rico Inc.	Common	Centro Internacional de Mercadeo, 90 Road # 165, Tower II, Suite 800, Guaynabo, 00968, Puerto Rico
GlaxoSmithKline Republica Dominicana S.A.	Ordinary	Av. Lope de Vega No. 29, Torre Empresarial Novocentro, Local 406, Ensanche Naco, Santo Domingo, Distrito Nacional, Dominican Republic
GlaxoSmithKline Research & Development Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline S.A.	Ordinary	Severo Ochoa, 2, Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
GlaxoSmithKline S.p.A.	Ordinary	Via Alessandro Fleming 2, Verona, 37135, Italy
GlaxoSmithKline s.r.o.	Ordinary	Hvezdova 1734/2c, Prague, 4 140 00, Czech Republic
GlaxoSmithKline Sante Grand Public SAS	Ordinary	23 rue François Jacob, 92500, Rueil-Malmaison, France
GlaxoSmithKline Services GmbH & Co. KG	Partnership Capital	Prinzregentenplatz 9, Munchen, 81675, Germany
GlaxoSmithKline Services Inc. (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline Services Unlimited (i)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline SL Holdings, LLC	LLC Interests	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline SL LLC	LLC Interests	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline SL LP (iv)	Partnership	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Slovakia s.r.o.	Ordinary	Galvaniho 7/A, Bratislava, 821 04, Slovakia
GlaxoSmithKline South Africa (Pty) Limited	Ordinary	Flushing Meadows Building, The Campus, 57 Sloane Street, Bryanston 2021, South Africa
GlaxoSmithKline Trading	Ordinary	Leningradskiy Prospect, 37A, bld. 4, Moscow, 125167, Russian Federation
GlaxoSmithKline Trading Services Limited (ii) (v)	Ordinary	Currabiny, Carrigaline, County Cork, Ireland
GlaxoSmithKline Tuketici Sagligi Anonim Sirketi	Nominative	Büyükdere Caddesi No. 173, 1.Levent Plaza B Blok, 1.Levent, Istanbul, 34394, Turkey
GlaxoSmithKline Tunisia S.A.R.L.	Ordinary	Immeuble Les Quatres R, Rue du Lac Lochness, Berges du Lac, Tunis, Tunisia
GlaxoSmithKline UK Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Uruguay S.A.	Registered shares provisory stock	Salto 1105, CP 11.200 Montevideo, Uruguay
GlaxoSmithKline US Trading Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GlaxoSmithKline Venezuela C.A.	Ordinary	Urbanizacion La Trinidad, Calle Luis De Camoems, Edif No 115-117 Apatado Posta, Caracas, 1010, Venezuela
GlaxoSmithKline Vietnam Limited Liability Company (iv) (vi)	Equity capital	The Metropolitan, 235 Dong Khoi Street, District 1, 7th Floor Unit 701, Ho Chi Minh City, Viet Nam
GlaxoSmithKline-Consumer Hungary Limited Liability Company	Membership	H-1124, Csorsz utca 43, Budapest, Hungary
GlycoVaxyn AG (vi)	Common; Preferred A; Preferred B; Preferred C	Grabenstrasse 3, 8952 Schlieren, Switzerland
Groupe GlaxoSmithKline S.A.S.	Ordinary	23 Rue François Jacob, 92500, Rueil-Malmaison, France
GSK Australia NVD Pty Ltd (iv) (vi)	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
GSK Business Service Centre Sdn Bhd	Ordinary	Level 6, Quill 9, 112, Jalan Semangat, Petaling Jaya, Selangor Darul Ehsan, 46300, Malaysia
GSK Capital K.K.	Ordinary	1-8-1 Akasaka Minato-Ku, Tokyo, Japan
GSK CH Argentina S.A.	Nominative non endorseable ordinary shares	Tucumán 1, piso 4, Buenos Aires, C1049AAA, Argentina
GSK CH Kazakhstan LLP	Charter Capital	32 A Manasa Str., Bostandyk District, Almaty, 050008, Kazakhstan
GSK Commercial Sp. z o.o.	Ordinary	ul. Rzymowskiego 53, Warsaw, 02-697, Poland
GSK Consumer Health, Inc.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GSK Consumer Healthcare Israel Ltd	Ordinary	25 Basel Street, Petech Tikva 49510, Israel
GSK Consumer Healthcare S.A.	Ordinary	Route de l'Etraz 2, 1197 Prangins, Switzerland
GSK Consumer Healthcare Schweiz AG	Ordinary	Suurstoffi 14, Rotkreuz, 6343, Switzerland
GSK Consumer Healthcare Services, Inc.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GSK Consumer Healthcare Singapore Pte. Ltd.	Ordinary	23 Rochester Park, 139234, Singapore

Other statutory disclosures continued

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
GSK d.o.o., Ljubljana	Ordinary	Ameriška ulica 8, Ljubljana, 1000, Slovenia
GSK Finance (No 2) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
GSK Kazakhstan LLP	Partnership Interest	273, N. Nazarbayev ave., Almaty, Medau District, 050059, Kazakhstan
GSK Pharmaceutical Trading SA (iv) (vi)	Ordinary	5 Poienelor Street, Brasov, Romania
GSK Services Sp z o.o.	Ordinary	Ul. Grunwaldzka 189, Poznan, 60-322, Poland
GSK Vaccines BV	Ordinary	Hullenbergweg 85, Amsterdam, 1101 CL, Netherlands
GSK Vaccines GmbH	Ordinary	Emil-von-Behring-Str.76, 35041 Marburg, Germany
GSK Vaccines Institute for Global Health S.r.l.	Quotas	Via Fiorentina 1, Siena, 53100, Italy
GSK Vaccines S.r.l.	Quotas	Via Fiorentina 1, Siena, 53100, Italy
GSK Vaccines Vertriebs GmbH (iv)	Ordinary	Rudolf-Diesel-Ring 27, Holzkirchen, 83607, Germany
HGS France S.a.r.l. (iv) (vi)	Ordinary	117 Avenue, Victor Hugo, Boulogne-Billancourt, 92100, France
Horlicks Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Human Genome Sciences, Inc.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
ID Biomedical Corporation of Quebec	Common	2323 du Parc Technologique, Québec, PQ, G1P 4R8, Canada
ID Biomedical Corporation of Washington (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Instituto Luso Farmaco, Limitada (iv)	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
InterPharma Dienstleistungen GmbH	Quotas	Wagenseilgasse 3, Euro Plaza, Gebäude I, 4. Stock, Vienna, A-1120, Austria
Iodosan S.p.A.	Ordinary	Via Zambelletti snc, Baranzate, Milan, 20021, Italy
J&J Technologies, LC (iv)	LLC Interests	Corporation Service Company, Bank of America, 16th Floor, 1111 East Main Street, Richmond, Virginia, 23219, United States
Kuhs GmbH	Ordinary	Barthstr. 4, München, 80339, Germany
Laboratoire GlaxoSmithKline	Ordinary	23 rue François Jacob, 92500, Rueil-Malmaison, France
Laboratoire Pharmaceutique Algérien LPA Production SPA	Ordinary	Zone Industrielle Est, Boudouaou, Boumerdes, Algeria
Laboratoire Pharmaceutique Algérien SPA	Ordinary	Zone Industrielle Est, Boudouaou, Boumerdes, Algeria
Laboratoires Paucourt (iv)	Ordinary	23 rue François Jacob, 92500, Rueil-Malmaison, France
Laboratoires Saint-Germain (iv)	Ordinary	23 rue François Jacob, 92500, Rueil-Malmaison, France
Laboratorios Dermatologicos Darier, S.A de C.V.	Ordinary A, Ordinary B	Calzada Mexico Xochimilco, 4900 San Lorenzo Huipulco, District Federal Mexico, 14370, Mexico
Laboratorios Farmaceuticos Stiefel (Portugal) LTDA (iv)	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
Laboratorios Stiefel de Venezuela SA	Ordinary	Calle Luis de Camoens, Edificio GlaxoSmithKline, No. 115-117, Urb. La Trinidad, Caracas, Venezuela
Laboratorios Stiefel Ltda.	Ordinary	Rua Professor Joao Cavalheiro Salem 1077, Guarulhos, Sao Paulo, Brazil
Laboratorios Wellcome De Portugal Limitada (iv)	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
Maxinutrition Limited (in liquidation)	Ordinary	55 Baker Street, London, W1U 7EU, England
Mixis Genetics Limited (vi)	Ordinary; Ordinary Euro	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Montrose Fine Chemical Company Ltd	Ordinary	Shewalton Road, Irvine, Ayrshire, KA11 5AP, Scotland
Montrose Pharma Company Limited (iv) (vi)	Ordinary Quota	H-1124, Csorsz utca 43, Budapest, Hungary
N.C.H. – Nutrition Consumer Health Ltd (iv)	Ordinary	14 Hamephalsim St, Petach Tikva, Israel
Okairos AG (in liquidation)	Common; Preferred A; Preferred B	c/o OBC Suisse AG, Aeschenvorstadt 71, 4051, Basel, Switzerland
P.T. Sterling Products Indonesia	A shares; B Shares	Graha Paramita Building, 5th F, Jalan Denpasar Raya Blok D-2, Jakarta, 12940, Indonesia
Panadol GmbH	Ordinary	Barthstr. 4, München, 80339, Germany
Penn Labs Inc. (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
PT GSK Consumer Healthcare Indonesia	Ordinary	Graha Paramita 5th F, Jl. Denpasar Raya Blok D-2, Kuningan, Jakarta, 12940, Indonesia
PT. Bina Dentalindo (in liquidation)	Ordinary	Gedung Graha Ganesha Lantai 3, Jl Raya Bekasi Km 17, No5, Jakarta Timur 13930, Indonesia
S.R. One International B.V.	Ordinary	Huis ter Heideweg, 62 3705, LZ Zeist, Netherlands
S.R. One, Limited	Units (Common)	Corporation Service Company, 2595 Interstate Drive, Suite 103, Harrisburg, Pennsylvania, 17110, United States

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
Setfirst Limited	Ordinary; Preference	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Smith Kline & French Laboratories Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Smith Kline & French Portuguesa-Produtos Farmaceuticos, LDA (iv)	Ordinary Quota	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflores, Alges, 1495-131, Portugal
SmithKline Beecham (Bangladesh) Private Limited (iv)	Ordinary	14, Topkhana Road, Segunbagicha, Dhaka 1000, Bangladesh
SmithKline Beecham (Cork) Limited (ii)	Ordinary	Currabinny, Carrigaline, County Cork, Ireland
SmithKline Beecham (Export) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham (H) Limited	Non-cumulative non-redeemables; Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham (Investments) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham (Manufacturing) Limited (ii)	Ordinary	Currabinny, Carrigaline, County Cork, Ireland
SmithKline Beecham (SWG) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Biologicals US Partnership	Partnership Interest	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
SmithKline Beecham Egypt L.L.C.	Quotas	Amoun Street, El Salam City, Cairo, Egypt
SmithKline Beecham Farma, S.A.	Ordinary	Severo Ochoa, 2, Parque Tecnologico de Madrid, Tres Cantos, Madrid, 28760, Spain
SmithKline Beecham Inter-American Corporation (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
SmithKline Beecham Limited	Ordinary 6.25p	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Marketing and Technical Services Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Nominees Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Overseas Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Pension Plan Trustee Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Pension Trustees Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham Pharma GmbH & Co KG	Partnership Capital	Prinzregentenplatz 9, Munchen, 81675, Germany
SmithKline Beecham Pharma Verwaltungs GmbH	Ordinary	Prinzregentenplatz 9, Munchen, 81675, Germany
SmithKline Beecham Pharmaceuticals (Pty) Limited (iv) (vi)	Ordinary	Flushing Meadows Building, The Campus, 57 Sloane Street, Bryanston 2021, South Africa
SmithKline Beecham Pharmaceuticals Co.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
SmithKline Beecham Port Louis Limited (vi)	Ordinary	C/o CIM Corporate Services Ltd, Les Cascades Building, Edith Cavell Street, Port Louis, Mauritius
SmithKline Beecham Research Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
SmithKline Beecham S.A.	Ordinary	Ctra de Ajalvir Km 2.500, Alcalá de Henares, Madrid, 28806, Spain
SmithKline Beecham Senior Executive Pension Plan Trustee Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Stafford-Miller (Ireland) Limited (ii)	Ordinary	Clocherane, Youghal Road, Dungarvan, Co. Waterford, Ireland
Stafford-Miller Limited	Ordinary; Non-Cumulative Non Redeemable Preference	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Sterling Drug (Malaya) Sdn Berhad	Ordinary	Lot 89, Jalan Enggang, Ampang/Ulu Kelang Industrial Estate, Selangor, 54200, Malaysia
Sterling Products International, Incorporated (iv)	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Stiefel Consumer Healthcare (UK) Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Stiefel Distributors (Ireland) Limited (ii) (iv)	Ordinary	Finisklin Business Park, Sligo, Ireland
Stiefel Dominicana, S.R.L. (iv) (vi)	Ordinary	Ave. Lope de Vega #29, Torre NovoCentro, Local 406, Santo Domingo, Dominican Republic
Stiefel Farma, S.A.	Ordinary	Severo Ochoa, 2, Parque Tecnologico de Madrid, Tres Cantos, Madrid, 28760, Spain
Stiefel GmbH & Co. KG	Partnership Capital	Industriestrasse 32-36, Bad Oldesloe, 23843, Germany
Stiefel India Private Limited	Equity	401-402, A, Wing, 4th Floor, Floral Deck Plaza, Opp Rolta Bhavan, Central MIDC Road, Mumbai, Andheri (E), 400093, India
Stiefel Laboratories (Ireland) Limited (ii)	Ordinary	Finisklin Business Park, County Sligo, Ireland
Stiefel Laboratories (Maidenhead) Ltd (vi)	Ordinary	Eurasia Headquarters, Concorde Road, Maidenhead, Berkshire, SL6 4BY, England
Stiefel Laboratories (U.K.) Ltd	Ordinary	Eurasia Headquarters, Concorde Road, Maidenhead, Berkshire, SL6 4BY, England
Stiefel Laboratories Legacy (Ireland) Limited (ii)	Ordinary	Finisklin Business Park, Sligo, Ireland
Stiefel Laboratories Limited (iv)	Ordinary	Eurasia Headquarters, Concorde Road, Maidenhead, Berkshire, SL6 4BY, England
Stiefel Laboratories Pte Limited (iv)	Ordinary	103 Gul Circle, 629589, Singapore

Other statutory disclosures continued

Group companies continued

Name	Security	Registered address
Wholly owned subsidiaries continued		
Stiefel Laboratories, Inc.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Stiefel Maroc SARL (iv) (vi)	Ordinary	275 Boulevard Zerktouni, Casablanca, Morocco
Stiefel Research (Australia) Holdings Pty Ltd	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
Stiefel Research Australia Pty Ltd	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
Stiefel West Coast LLC	LLC Interests	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Strebor Inc.	Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Tempero Pharmaceuticals, Inc.	Series A Preference; Series B Preference; Common	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
The Sydney Ross Co. (iv)	Common	Corporation Service Company, Princeton South Corporate Center, Suite 160, 100 Charles Ewing Blvd, Ewing, New Jersey, 08628, United States
The Wellcome Foundation Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
UCB Pharma Asia Pacific Sdn Bhd (iv)	Ordinary	Level 8, Symphony House, Pusat Dagangan Dana 1, Jalan PJU 1A/46, Petaling Jaya, Selangor Darul Ehsan, 47301, Malaysia
Vog AU PTY LTD (iv)	Ordinary; Redeemable Preference	82 Hughes Avenue, Ermington, NSW, 2115, Australia
Wellcome Consumer Healthcare Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Wellcome Consumer Products Limited (iv)	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Wellcome Developments Pty Ltd (iv) (vi)	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia
Wellcome Limited	Ordinary	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Wellcome Operations Pty Ltd (iv) (vi)	Ordinary	1061 Mountain Highway, Boronia, VIC, 3155, Australia

Name	Security	Effective % Ownership	Registered address
Subsidiaries where the effective interest is less than 100%			
Amoun Pharmaceutical Industries Co. S.A.E.	New Monetary Shares (99.5%)	90.7	El Salam City 11491, PO Box 3001, Cairo, Egypt
Beecham Enterprises Inc. (iv)	Common	88	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Biddle Sawyer Limited	Equity	75	252 Dr Annie Besant Road, Mumbai, 400030, India
British Pharma Group Limited (i)	Capital (50%)	50	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Galvani Bioelectronics Inc.	Common	55	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Galvani Bioelectronics Limited	A Ordinary; B Ordinary (0%)	55	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
Glaxo Saudi Arabia Limited	Ordinary	75	PO Box 22617, Area No 73 to 156, Warehouse City, First Stage Al Khomrah, Jeddah 21416, Saudi Arabia
Glaxo Wellcome Ceylon Limited	Ordinary; Ordinary B	99.6	121 Galle Road, Kaldemulla, Moratuwa, Sri Lanka
GlaxoSmithKline (Tianjin) Co. Ltd	Ordinary	90	No. 65, the Fifth Avenue, Tai Feng Industrial Park, Tianjin Economic and Technological, Tianjin, 300457, China
GlaxoSmithKline Algérie S.P.A.	Ordinary	99.99	Zone Industrielle Est, Boudouaou, Wilaya de Boumerdes, Algeria
GlaxoSmithKline Bangladesh Limited (vi)	Ordinary (82%)	82	Fouzderhat Industrial Area, Dhaka Trunk Road, North Kattali, Chittagong – 4217, Bangladesh
GlaxoSmithKline Consumer Healthcare Limited (vi)	Ordinary	72.5	Patiala Road, Nabha 147201, Dist Patiala, Punjab, India
GlaxoSmithKline Consumer Healthcare Pakistan Limited	Ordinary (85.8%)	85.8	The Sykes Building, 35 Dockyard Road, West Wharf, Karachi, 74000, Pakistan
GlaxoSmithKline Consumer Healthcare, L.P.	Partnership Capital	88	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
GlaxoSmithKline Consumer Nigeria plc (iii)	Ordinary (46.4%)	46.4	1 Industrial Avenue, Ilupeju, Ikeja, Lagos, PM B 21218, Nigeria
GlaxoSmithKline OTC (PVT.) Limited	Ordinary	85.8	The Sykes Building, 35 Dockyard Road, West Wharf, Karachi, 74000, Pakistan
GlaxoSmithKline Pakistan Limited	Ordinary (82.6%)	82.6	35 Dockyard Road, West Wharf, Karachi, 74000, Pakistan
GlaxoSmithKline Pharmaceuticals Limited	Equity (75%)	75	252 Dr Annie Besant Road, Mumbai, 400030, India
GlaxoSmithKline S.A.E.	Ordinary (91.2%)	91.2	Boomerang Office Building - Land No. 46, Zone (J) – 1st District, Town Center – 5th Tagammoe, New Cairo City, Egypt

Group companies continued

Name	Security	Effective % Ownership	Registered address
Subsidiaries where the effective interest is less than 100% continued			
GSK-Gebro Consumer Healthcare GmbH	Ordinary	60	Bahnhofbichl 13, 6391 Fieberbrunn, Kitzbühel, Austria
Laboratorios ViiV Healthcare, S.L.	Ordinary	78.3	Severo Ochoa, 2, Parque Tecnológico de Madrid, Tres Cantos, Madrid, 28760, Spain
Modern Pharma Trading Company L.L.C.	Quotas (98.2%)	98.2	Amoun Street, PO Box 3001, El Salam City, Cairo, 11491, Egypt
P.T. SmithKline Beecham Pharmaceuticals	A Shares; B Shares (0%)	99	Jl. Pulobuaran Raya, Kav. III DD/2,3,4, Kawasan Industri Pulogadung, Jakarta, 13930, Indonesia
PHIVCO Jersey II Limited (iv) (v) (vi)	Ordinary	78.3	13 Castle Street, St. Helier, JE4 5UT, Jersey
PHIVCO Jersey Limited (iv) (v) (vi)	Ordinary	78.3	13 Castle Street, St. Helier, JE4 5UT, Jersey
PHIVCO UK II Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
PHIVCO UK Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
PHIVCO-1 LLC	LLC Interests	78.3	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
PHIVCO-2 LLC	LLC Interests	78.3	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
PT Glaxo Wellcome Indonesia	A Shares; B Shares (0%)	95	Jl Pulobuaran Raya Kav III DD/, Kawasan Industri Pulogadung, Timur, Jakarta, 13930, Indonesia
Shionogi-ViiV Healthcare LLC (iv)	Common Interests	78.3	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Sino-American Tianjin Smith Kline & French Laboratories Ltd	Ordinary (55%)	55	Cheng Lin Zhuang Industrial Zone, Dong Li District, Tianjin, 300163, China
SmithKline Beecham (Private) Limited	Ordinary (99.6%)	99.6	World Trade Center, Level 34, West Tower, Echelon Square, Colombo 1, Sri Lanka
SmithKline Beecham-Biomed O.O.O.	Participation Interest (97%)	97	Leningradskiy Prospect, 37A, bld. 4, Moscow, 125167, Russian Federation
Stiefel Egypt LLC (iv)	Quota (99%)	99	Amoun Street, El Salam City, Cairo, Egypt
ViiV Healthcare (South Africa) (Proprietary) Limited (iv) (vi)	Ordinary	78.3	Flushing Meadows Building, The Campus, 57 Sloane Street, Bryanston 2021, South Africa
ViiV HealthCare BV	Ordinary	78.3	Huis ter Heideweg 62, 3705 LZ, Zeist, Netherlands
ViiV Healthcare Company	Common	78.3	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
ViiV Healthcare Finance 1 Limited (vi)	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare Finance 2 Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare Finance Limited	Ordinary; Redeemable Preference	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare GmbH	Ordinary	78.3	Prinzregentenplatz 9, Munchen, 81675, Germany
ViiV Healthcare GmbH	Ordinary	78.3	Talstrasse 3-5, 3053 Muenchenbuchsee, Switzerland
ViiV Healthcare Hong Kong Limited (iv)	Ordinary	78.3	23/F Tower 6, The Gateway, 9 Canton Road, Harbour City, Tsimshatsui, Kowloon, Hong Kong
ViiV Healthcare Kabushiki Kaisha	Ordinary	78.3	1-8-1 Akasaka Minato-Ku, Tokyo, Japan
ViiV Healthcare Limited	Class A Shares, Deferred; Class B Shares (0%); Class C Shares (0%); Class D1 (0%); Class D2 (0%); Class E 5% Cumulative Preference (0%)	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare Overseas Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare Pty Ltd	Ordinary	78.3	1061 Mountain Highway, Boronia, VIC, 3155, Australia
ViiV Healthcare Puerto Rico, LLC	LLC Interests	78.3	Centro Internacional de Mercadeo, 90 carr. 165 Torre 2, Suite 800, Guaynabo, 00968, Puerto Rico
ViiV Healthcare S.r.l.	Quota	78.3	Via Alessandro Fleming 2, Verona, 37135, Italy
ViiV Healthcare SAS	Ordinary	78.3	23 rue François Jacob, 92500, Rueil-Malmaison, France
ViiV Healthcare sprl	Ordinary	78.3	Site Apollo, Avenue Pascal 2-4-6, Wavre, 1300, Belgium
ViiV Healthcare Trading LLC (iv)	Participation Interest	78.3	Leningradskiy Prospect, 37A, bld. 4, Moscow, 125167, Russian Federation
ViiV Healthcare Trading Services UK Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare UK (No.2) Limited (v) (vi)	Ordinary	78.3	13 Castle Street, St. Helier, JE4 5UT, Jersey
ViiV Healthcare UK (No.3) Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare UK (No.4) Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare UK (No.5) Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare UK (No.6) Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England

Other statutory disclosures continued

Group companies continued

Name	Security	Effective % Ownership	Registered address
Subsidiaries where the effective interest is less than 100% continued			
ViiV Healthcare UK Limited	Ordinary	78.3	980 Great West Road, Brentford, Middlesex, TW8 9GS, England
ViiV Healthcare ULC	Common	78.3	3500 855-2nd Street SW, Calgary, AB, T2P 4J8, Canada
ViiV Healthcare Venture LLC	LLC Interests	78.3	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
ViiVHIV Healthcare Unipessoal Lda	Quota	78.3	Rua Dr Antonio Loureiro Borges No 3, Arquiparque, Miraflares, Alges, 1495-131, Portugal
Winster Pharmaceuticals Limited (iv)	Ordinary	46.4	2A Association Avenue, Ilupeju Industrial Estate, Lagos, PO Box 3199, Nigeria
Zhejiang Tianyuan Bio-Pharmaceutical Co. Ltd.	Ordinary	95	No. 56, Tian He Road, Yuhang Economic Development Zone, Hangzhou, Zhejiang Province, China

Associates

Apollo Therapeutics LLP	Partnership Interest (25%)	25	Gunnels Wood Road, Stevenage SG1 2FX, England
Calci Medica Inc.	Series A and Junior Preferred (33.9%)	43.3	505 Coast Boulevard South, Suite 202, La Jolla, CA 92037, United States
GlaxoSmithKline Landholding Company, Inc.	Common (40%)	40	2266 Chino Roces Avenue, City of Makati, 1231, Philippines
Index Ventures Life VI (Jersey) LP	Partnership Interest (25%)	25	3 Burlington Gardens, London W15 3EP, England
Innoviva, Inc.	Common (31.7%)	31.7	2000 Sierra Point Parkway, Suite 500, Brisbane, CA 94005, United States
Japan Vaccine Distribution Co., Ltd	Ordinary (50%)	50	6 Yobancho, Chiyoda-Ku, Tokyo, Japan
Kurma Biofund II, FCPR	Partnership Interest (32%)	32	24 Rue Royale, 5e étage, 75008 Paris, France
Longwood Founders Fund LP	Partnership Interest (28%)	28	The Prudential Tower, 800 Boylston Street, Suite 1555, Boston, MA 02199, United States
Medicxi Ventures I LP	Partnership Interest (26.2%)	26.2	25 Great Pulteney Street, Soho, London W1F 9ND, England

Joint Ventures

Chiron Panacea Vaccines Private Limited (vi)	Equity Shares (50%)	50	708/718, 7th Floor, A Wing, Sagar Tech Plaza, Saki Naka, Andheri East, Mumbai, Maharashtra, 400072, India
Japan Vaccine Co., Ltd. (vi)	Ordinary	50	6 Yonbancho, Chiyoda-ku, Tokyo, Japan
Japan Vaccine Distribution Co., Ltd. (vi)	Ordinary	50	6 Yonbancho, Chiyoda-ku, Tokyo, Japan
Qualivax Pte. Limited	Ordinary	50	80 Robinson Road, #02-00, 068898 Singapore
Quell Intellectual Property Corp., LLC (iv)	Membership Interest	50	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States
Qura Therapeutics, LLC	Units	50	Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware, 19808, United States

Key

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| (i) Directly owned by GlaxoSmithKline plc. | (iv) Dormant company. |
| (ii) Exempt from the provisions of section 347 and 348 of the Companies Act 2014 (Ireland), in accordance with the exemptions noted in Section 357 of that Act. | (v) Tax resident in the UK. |
| (iii) Consolidated as a subsidiary in accordance with section 1162 (4)(a) of the Companies Act 2006 on the grounds of dominant influence. | (vi) Entity expected to be disposed of or removed. |
| | (vii) Incorporated in Sweden. |