

Basel, 26 April 2018

Roche reports a strong start in 2018

- Group sales increase 6%¹ at constant exchange rates and 5% in Swiss francs
- Pharmaceuticals Division sales up 7%, driven mainly by Ocrevus and Perjeta
- Diagnostics Division sales grow 5%, with increases in all business areas
- Approvals: Ocrevus for relapsing forms of multiple sclerosis and primary progressive multiple sclerosis, and Hemlibra for people with haemophilia A with inhibitors to factor VIII in the EU
- Positive phase III study results for cancer immunotherapy medicine Tecentriq in renal cell cancer and certain forms of lung cancer
- Outlook raised for 2018 to low single-digit sales growth

Sales	CHF millions		As % of sales		% change	
	2018	2017	2018	2017	At CER	In CHF
January - March 2018						
Group sales	13,583	12,942	100.0	100.0	+6	+5
Pharmaceuticals Division	10,672	10,177	78.6	78.6	+7	+5
United States	5,516	5,070	40.6	39.2	+15	+9
Europe	2,287	2,273	16.8	17.6	-7	+1
Japan	851	856	6.3	6.6	0	-1
International*	2,018	1,978	14.9	15.2	+5	+2
Diagnostics Division	2,911	2,765	21.4	21.4	+5	+5

*Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others

Commenting on the Group's sales, Roche CEO Severin Schwan said: "We have started the year with strong sales growth in both our Pharmaceuticals and Diagnostics Divisions. I am particularly pleased with the strong demand for our new medicines, which contributed significantly to our growth. Based on our performance in the first quarter, we raise the outlook for the full-year."

¹ Unless otherwise stated, all growth rates in this document are at constant exchange rates (CER: average 2017).

Group sales

In the first three months of 2018, Group sales rose 6% to CHF 13.6 billion. Sales in the Pharmaceuticals Division increased 7% to CHF 10.7 billion. A key growth driver was Ocrevus, used to treat two forms of multiple sclerosis. It continued its strong growth in the US and was launched in Europe and additional countries worldwide during the first quarter. The continued strong sales increase of Perjeta was supported by the US approval for its use for adjuvant (after surgery) treatment of patients with HER2-positive early breast cancer at high risk of recurrence.² By the end of the first quarter, 10 countries had granted approval for Perjeta in this additional indication. The growth reported for the Pharmaceuticals Division was partially offset by lower sales of MabThera/Rituxan, Tarceva and Avastin.

In the US, sales increased 15%, led by Ocrevus, Herceptin and Perjeta. In Europe, sales declined 7%, mainly due to lower MabThera/Rituxan sales as a result of competition from biosimilars. The new launches Ocrevus, Tecentriq and Hemlibra had good early uptake. In the International region, sales grew 5%, led by the Asia-Pacific and Latin America subregions. In Japan, sales were stable.

Diagnostics Division sales increased 5% to CHF 2.9 billion. Centralised and Point of Care Solutions (+4%) was a key contributor, led by the growth of its immunodiagnostics business (+5%). Sales increased in all business areas. In regional terms, growth was driven by Asia-Pacific (+10%) and North America (+7%). Sales increased 2% in EMEA³, and 1% in Latin America. In Japan, sales declined 8%, predominantly resulting from lower sales for hepatitis tests due to a base effect of strong test sales in 2017.

Important approvals in Pharmaceuticals

In January 2018, the European Medicines Agency (EMA) approved Ocrevus for the treatment of relapsing and primary progressive forms of multiple sclerosis. It is the first and only approved disease-modifying medicine for people in the EU with early primary progressive multiple sclerosis. In February, the EMA granted approval for Hemlibra for people with haemophilia A with inhibitors to factor VIII. This is the first new medicine in over 20 years to treat people with haemophilia A with inhibitors to factor VIII. Hemlibra demonstrated superior efficacy compared to prior treatment with bypassing agents in two phase III studies in adults, adolescents and children.

² US Food and Drug Administration prescribing information for Perjeta

³ EMEA = Europe, Middle East and Africa

In March, the US Food and Drug Administration (FDA) approved the Lucentis 0.3 mg prefilled syringe as a new method of administering the medicine to treat all forms of diabetic retinopathy.

Milestones for Roche medicines

In the first quarter, Roche announced positive results from several Tecentriq studies. Data of the phase III IMmotion151 study were presented at the Genitourinary Cancers Symposium in February 2018, following the announcement of positive results for progression-free survival (PFS) in December 2017. The study investigated Tecentriq and Avastin as a first-line treatment for advanced or metastatic renal cell carcinoma (mRCC) and met its co-primary endpoint of investigator-assessed progression-free survival (PFS) in people whose disease expressed the PD-L1 (programmed death-ligand 1) protein.

The phase III IMpower131 study met its co-primary endpoint of PFS and demonstrated that the combination of Tecentriq plus chemotherapy (carboplatin and paclitaxel) reduced the risk of disease worsening or death (PFS) compared with chemotherapy alone in the initial (first-line) treatment of people with advanced squamous non-small cell lung cancer (NSCLC).

The phase III IMpower150 study met its co-primary endpoint of overall survival (OS) at an interim analysis and showed that initial (first-line) treatment with the combination of Tecentriq and Avastin plus carboplatin and paclitaxel (chemotherapy) helped people with advanced non-squamous NSCLC live significantly longer compared with Avastin plus carboplatin and paclitaxel. A survival benefit was observed across key subgroups, including those with varying levels of PD-L1 expression.

In April, the FDA granted Hemlibra a Breakthrough Therapy Designation (BTD) for routine prophylaxis to prevent or reduce the frequency of bleeding episodes in patients with hemophilia A without inhibitors to factor VIII.

In the first quarter, Roche closed two acquisitions: Flatiron Health and Ignyta, Inc.

Roche acquired Flatiron Health to accelerate development and delivery of breakthrough medicines for patients with cancer. Flatiron Health will continue its operations as a separate legal entity.

Ignyta, Inc., now part of Roche's Pharmaceuticals Division, develops potentially life-saving, precisely targeted therapeutics guided by diagnostic tests. Its lead molecule entrectinib targets tumours with one of two genetically defined gene rearrangements: ROS1 fusions in NSCLC, and NTRK fusions across a broad range of solid tumours.

Roche Diagnostics – increasing access to HIV testing for patients living in remote areas

In January 2018, the cobas Plasma Separation Card was launched. This new solution is a stable and easy-to-use sample collection device for HIV plasma viral load testing. Traditionally, plasma viral load analyses required blood samples to be cooled during transport to the lab. The card allows for simple and reliable quantitative testing of patients with HIV living in remote areas - even areas of extreme heat and humidity - while meeting WHO requirements for determining HIV viral load prior to initiating treatment.

Outlook raised for 2018

Sales are now expected to grow low single-digit, at constant exchange rates. Core earnings per share are targeted to grow high single-digit, at constant exchange rates. Excluding the US tax reform impact, core earnings per share are targeted to grow broadly in line with sales. Roche expects to further increase its dividend in Swiss francs.

Pharmaceuticals Division

Top-selling pharmaceuticals	Total		United States		Europe		Japan		International*	
	CHFm	%	CHFm	%	CHFm	%	CHFm	%	CHFm	%
Herceptin	1,774	2	728	13	551	-3	59	-10	436	-8
MabThera/Rituxan	1,713	-8	1,023	4	282	-44	54	-11	354	11
Avastin	1,640	-2	699	-3	469	-3	184	2	288	2
Perjeta	613	18	287	18	215	13	28	11	83	34
Actemra/RoActemra	499	13	192	15	172	9	73	14	62	15
Ocrevus	479	-	443	-	28	-	-	-	8	-
Xolair	442	7	442	7	-	-	-	-	-	-
Lucentis	393	6	393	6	-	-	-	-	-	-
Activase/TNKase	323	8	311	8	-	-	-	-	12	14
Tamiflu	292	11	161	10	21	45	74	14	36	2

* Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others

Key pharmaceutical products in 2018

HER2-franchise (Herceptin, Perjeta and Kadcyła) +6%

Herceptin (+2%). For HER2-positive breast cancer and HER2-positive metastatic gastric cancer. Sales increases were mainly driven by growth in the US.

MabThera/Rituxan (-8%). For forms of blood cancer, rheumatoid arthritis and certain types of vasculitis. Sales increases were recorded in the US and in the International region. Sales in Europe (-44%) were affected by the market entry of biosimilars.

Avastin (-2%). For advanced colorectal, breast, lung, kidney, cervical and ovarian cancer, and relapsed glioblastoma (a type of brain tumour). Sales declined in the US and in Europe (-3% each) but increased in the International region and in Japan (+2% each).

Actemra/RoActemra (+13%). For rheumatoid arthritis, forms of juvenile idiopathic arthritis and giant cell arteritis as well as CAR-T cell induced severe or life-threatening Cytokine Release Syndrome (US only). Sales growth was reported in all regions, supported by steady growth in demand for the subcutaneous formulation.

Xolair (+7%, US only). For chronic idiopathic urticaria and allergic asthma. Growth was mainly driven by increasing demand across indications.

Lucentis (+6%, US only). For eye conditions including wet age-related macular degeneration, macular oedema following retinal vein occlusion, diabetic macular oedema, and diabetic retinopathy. Growth was driven by increased demand for 0.5 mg prefilled syringes in wet age-related macular degeneration and continued growth in diabetic retinopathy.

Highlights on certain medicines launched since 2012

Perjeta. For HER2-positive breast cancer. Sales (CHF 613 million, +18%) grew in all regions. In late 2017, the US FDA approved Perjeta for use in combination with Herceptin and chemotherapy for adjuvant (after surgery) treatment of HER2-positive early breast cancer at high risk of recurrence. The approval in this new indication strongly supports Perjeta's continued growth, which is also driven by increased demand in the neoadjuvant and metastatic settings across the regions.

Ocrevus (CHF 479 million). For both the relapsing and primary progressive forms of multiple sclerosis. Ocrevus has now been approved in over 55 countries and strong demand in both indications has continued. More than 40,000 people had been treated globally as at the end of March 2018.

Tecentriq (CHF 139 million, +29%). For advanced bladder cancer and advanced lung cancer. Tecentriq is approved in 70 countries. Roche is conducting a large number of studies of Tecentriq in combination with medicines from Roche's marketed and investigational portfolios as well as those with our external partners.

Alecensa (CHF 119 million, +81%). For a specific form of lung cancer. Alecensa is approved in 56 countries; it showed continued strong sales growth in the US, Europe and in Japan.

Gazyva/Gazyvaro (CHF 84 million, +27%). For chronic lymphocytic leukaemia (CLL), rituximab-refractory follicular lymphoma and previously untreated advanced follicular lymphoma. Sales expanded in Europe and in the US.

Hemlibra (CHF 23 million). For people with haemophilia A with inhibitors to factor VIII. Hemlibra is approved in the US, the EU, Australia and in Japan. Early signs of demand are promising.

Diagnosics Division

Sales	CHF millions		As % of sales		% change	
	2018	2017	2018	2017	At CER	In CHF
January - March 2018						
Diagnosics Division	2,911	2,765	100.0	100.0	+5	+5
Business Areas						
Centralised and Point of Care Solutions	1,716	1,641	58.9	59.4	+4	+5
Diabetes Care	478	447	16.4	16.2	+5	+7
Molecular Diagnostics	468	441	16.1	15.9	+6	+6
Tissue Diagnostics	249	236	8.6	8.5	+7	+6
Regions						
Europe, Middle East, Africa	1,221	1,126	41.9	40.7	+2	+8
North America	753	740	25.9	26.8	+7	+2
Asia-Pacific	656	594	22.5	21.5	+10	+10
Latin America	188	203	6.5	7.3	+1	-7
Japan	93	102	3.2	3.7	-8	-9

Centralised and Point of Care Solutions (+4%) was the largest contributor to the division's sales growth. Integrated Serum Work Area solutions, comprising the immunodiagnostics (+5%) and clinical chemistry (+3%) segments, were the main growth drivers. The new cobas t 511 and t 711 coagulation analysers are being well received by customers. These fully automated systems are designed for qualitative and quantitative in vitro blood coagulation determinations.

Sales in **Molecular Diagnostics** increased 6%. In virology, sales are up 5%, with strong growth in HIV monitoring. Strong demand in cobas Liat tests was driven by a severe flu season. Sales in the blood screening and human papillomavirus (HPV) screening businesses grew 5% each.

Tissue Diagnostics sales increased 7%, driven by the advanced staining and primary staining portfolios, which grew 8% and 20% respectively. The Ventana DP 200 high-speed slide scanner with unique no-touch slide processing was launched in countries accepting the CE mark, and for research use only (RUO) in the US. It reduces slide handling errors and produces excellent image quality and reliability.

Diabetes Care sales increased 5%, supported by sales growth in the blood glucose monitoring business. While market conditions continue to be challenging, all regions showed sales growth in the first quarter. The Accu-Chek Guide and Accu-Chek Instant systems, which make up Roche's new blood glucose monitoring platform, have been launched in additional markets.

First Quarter Sales 2018 Audio Webcast and Conference Call

There will be an audio webcast and conference call for investors and analysts today, **Thursday, 26 April at 2:00 pm CEST**.

Please dial in to the conference call 10-15 min. prior to the scheduled start, using the following numbers:

+41 (0) 58 310 5000 (Europe and ROW)

+44 (0) 207 107 0613 (UK)

+1 (1) 631 570 5613 (USA)

Alternatively a live audio webcast can be accessed via <http://ir.roche.com>.

About Roche

Roche is a global pioneer in pharmaceuticals and diagnostics focused on advancing science to improve people's lives. The combined strengths of pharmaceuticals and diagnostics under one roof have made Roche the leader in personalised healthcare a strategy that aims to fit the right treatment to each patient in the best way possible.

Roche is the world's largest biotech company, with truly differentiated medicines in oncology, immunology, infectious diseases, ophthalmology and diseases of the central nervous system. Roche is also the world leader in in vitro diagnostics and tissue-based cancer diagnostics, and a frontrunner in diabetes management. Founded in 1896, Roche continues to search for better ways to prevent, diagnose and treat diseases and make a sustainable contribution to society. The company also aims to improve patient access to medical innovations by working with all relevant stakeholders.

Thirty medicines developed by Roche are included in the World Health Organization Model Lists of Essential Medicines, among them life-saving antibiotics, antimalarials and cancer medicines. Roche has been recognised as the Group Leader in sustainability within the Pharmaceuticals, Biotechnology & Life Sciences Industry nine years in a row by the Dow Jones Sustainability Indices (DJSI).

The Roche Group, headquartered in Basel, Switzerland, is active in over 100 countries and in 2017 employed about 94,000 people worldwide. In 2017, Roche invested CHF 10.4 billion in R&D and posted sales of CHF 53.3 billion. Genentech, in the United States, is a wholly owned member of the Roche Group. Roche is the majority shareholder in Chugai Pharmaceutical, Japan. For more information, please visit www.roche.com.

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Additional information

- First Quarter Sales presentation: <http://www.roche.com/irp180426-a.pdf>
- First Quarter Sales presentation with appendix: <http://www.roche.com/irp180426.pdf>
- Annual Report 2017: http://www.roche.com/annual_reports
- Dow Jones Sustainability Indices: <http://www.sustainability-indices.com>

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1. Sales January to March 2018 and 2017

CHF millions	Three months ended 31 March		% change	
	2018	2017	At CER	In CHF
Pharmaceuticals Division	10,672	10,177	7	5
United States	5,516	5,070	15	9
Europe	2,287	2,273	-7	1
Japan	851	856	0	-1
International*	2,018	1,978	5	2
Diagnostics Division	2,911	2,765	5	5
Roche Group	13,583	12,942	6	5

* Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others

2. Quarterly sales and constant exchange rate sales growth by Division in 2018 and 2017

CHF millions	Q1 2017	% change vs. Q1 2016	Q2 2017	% change vs. Q2 2016	Q3 2017	% change vs. Q3 2016	Q4 2017	% change vs. Q4 2016	Q1 2018	% change vs. Q1 2017
Pharmaceuticals Division	10,177	3	10,344	7	10,115	6	10,584	6	10,672	7
United States	5,070	6	5,115	10	5,081	12	5,230	12	5,516	15
Europe	2,273	1	2,266	0	2,227	-5	2,285	-5	2,287	-7
Japan	856	-2	915	2	904	6	1,038	6	851	0
International*	1,978	1	2,048	8	1,903	2	2,031	3	2,018	5
Diagnostics Division	2,765	6	3,058	4	2,975	6	3,281	4	2,911	5
Roche Group	12,942	4	13,402	6	13,090	6	13,865	5	13,583	6

*Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others

3. Pharmaceuticals Division

Top-selling pharmaceuticals and recent new launches January - March 2018	Total		United States		Europe		Japan		International*	
	CHF m	%	CHF m	%	CHF m	%	CHF m	%	CHF m	%
Herceptin	1,774	2	728	13	551	-3	59	-10	436	-8
MabThera/Rituxan	1,713	-8	1,023	4	282	-44	54	-11	354	11
Avastin	1,640	-2	699	-3	469	-3	184	2	288	2
Perjeta	613	18	287	18	215	13	28	11	83	34
Actemra/RoActemra	499	13	192	15	172	9	73	14	62	15
Ocrevus	479	-	443	-	28	-	-	-	8	-
Xolair	442	7	442	7	-	-	-	-	-	-
Lucentis	393	6	393	6	-	-	-	-	-	-
Activase/TNKase	323	8	311	8	-	-	-	-	12	14
Tamiflu	292	11	161	10	21	45	74	14	36	2

New products										
Erivedge	61	6	36	-1	19	11	-	-	6	51
Perjeta	613	18	287	18	215	13	28	11	83	34
Kadcyla	235	6	86	2	92	1	16	1	41	33
Gazyva/Gazyvaro	84	27	43	19	29	64	-	-	12	-2
Esbriet	222	13	155	8	56	21	-	-	11	61
Cotellic	15	4	4	10	9	-3	-	-	2	31
Alecensa	119	81	56	66	17	**	37	27	9	500
Tecentriq	139	29	107	5	23	**	-	-	9	357
Ocrevus	479	-	443	-	28	-	-	-	8	-
Hemlibra	23	-	18	-	5	-	-	-	-	-

* Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others ** Over 500%

4. Top 20 Pharmaceuticals Division product sales and constant exchange rate growth Q1 2018 vs. Q1 2017

CHF millions	Total		United States		Europe		Japan		International*	
	CHF m	%	CHF m	%	CHF m	%	CHF m	%	CHF m	%
Herceptin	1,774	2	728	13	551	-3	59	-10	436	-8
MabThera/Rituxan	1,713	-8	1,023	4	282	-44	54	-11	354	11
Avastin	1,640	-2	699	-3	469	-3	184	2	288	2
Perjeta	613	18	287	18	215	13	28	11	83	34
Actemra/RoActemra	499	13	192	15	172	9	73	14	62	15
Ocrevus	479	-	443	-	28	-	-	-	8	-
Xolair	442	7	442	7	-	-	-	-	-	-
Lucentis	393	6	393	6	-	-	-	-	-	-
Activase/TNKase	323	8	311	8	-	-	-	-	12	14
Tamiflu	292	11	161	10	21	45	74	14	36	2
Kadcyla	235	6	86	2	92	1	16	1	41	33
Esbriet	222	13	155	8	56	21	-	-	11	61
Pulmozyme	169	0	106	-10	33	-4	-	-	30	69
CellCept	158	-8	25	-19	44	-5	17	6	72	-8
Tarceva	141	-32	61	-41	30	-23	17	-23	33	-24
Tecentriq	139	29	107	5	23	**	-	-	9	357
Mircera	120	5	-	-	19	-17	43	-1	58	19
Alecensa	119	81	56	66	17	**	37	27	9	500
Xeloda	102	-2	8	38	5	-32	24	0	65	-3
Rocephin	98	31	-	-	13	-2	5	-10	80	43

* Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others

** Over 500%

5. Top 20 Pharmaceuticals Division quarterly product sales and quarterly constant exchange rate sales growth

CHF millions	Q1 2017	% change vs. Q1 2016	Q2 2017	% change vs. Q2 2016	Q3 2017	% change vs. Q3 2016	Q4 2017	% change vs. Q4 2016	Q1 2018	% change vs. Q1 2017
Herceptin	1,756	2	1,786	4	1,691	0	1,781	6	1,774	2
MabThera/Rituxan	1,899	4	1,938	3	1,783	1	1,768	-3	1,713	-8
Avastin	1,684	-2	1,721	0	1,592	-4	1,691	1	1,640	-2
Perjeta	524	19	541	16	552	17	579	22	613	18
Actemra/RoActemra	445	15	477	12	485	13	519	14	499	13
Ocrevus	-	-	192	-	308	-	369	-	479	-
Xolair	437	22	429	13	448	17	428	15	442	7
Lucentis	392	9	335	-5	399	8	288	-11	393	6
Activase/TNKase	316	13	297	12	307	15	299	0	323	8
Tamiflu	270	-27	94	110	33	-61	138	-52	292	11
Kadcyla	222	11	221	7	228	10	243	12	235	6
Esbriet	202	13	216	19	219	3	232	17	222	13
Pulmozyme	175	9	177	-1	179	8	199	10	169	0
CellCept	170	-10	176	-4	169	-8	182	-1	158	-8
Tarceva	211	-19	225	-15	202	-16	205	-21	141	-32
Tecentriq	113	-	124	*	118	104	132	65	139	29
Mircera	115	-4	121	-2	128	-2	141	3	120	5
Alecensa	68	124	80	88	96	100	118	99	119	81
Xeloda	104	-7	125	5	112	-4	112	-28	102	-2
Rocephin	74	-9	69	-5	72	-3	84	27	98	31

* Over 500%

6. Top 20 Pharmaceuticals Division quarterly product sales and quarterly constant exchange rate sales growth United States

CHF millions	Q1 2017	% change vs. Q1 2016	Q2 2017	% change vs. Q2 2016	Q3 2017	% change vs. Q3 2016	Q4 2017	% change vs. Q4 2016	Q1 2018	% change vs. Q1 2017
Herceptin	680	3	694	8	627	3	696	16	728	13
MabThera/Rituxan	1,045	6	1,074	3	997	9	1,017	6	1,023	4
Avastin	765	-2	751	-3	677	-5	701	1	699	-3
Perjeta	257	14	250	7	249	10	257	18	287	18
Actemra/RoActemra	177	21	188	13	192	18	199	16	192	15
Ocrevus	-	-	191	-	306	-	363	-	443	-
Xolair	437	22	429	13	448	17	428	15	442	7
Lucentis	392	9	335	-5	399	8	288	-11	393	6
Activase/TNKase	305	14	285	12	293	15	285	0	311	8
Tamiflu	156	-39	32	125	9	-83	42	-70	161	10
Kadcyla	89	11	82	2	83	7	89	15	86	2
Esbriet	153	19	161	20	162	3	164	11	155	8
Pulmozyme	125	10	124	2	120	4	137	11	106	-10
CellCept	33	-26	34	-23	27	-41	26	-29	25	-19
Tarceva	109	-21	121	-15	117	-13	110	-24	61	-41
Tecentriq	109	-	120	*	112	99	115	48	107	5
Mircera	-	-	-	-	-	-	-	-	-	-
Alecensa	36	244	37	137	45	113	55	112	56	66
Xeloda	6	30	21	68	6	-38	3	-94	8	38
Rocephin	-	-	-1	-	-	-	-	-	-	-

* Over 500%

7. Top 20 Pharmaceuticals Division quarterly product sales and quarterly constant exchange rate sales growth Europe

CHF millions	Q1 2017	% change vs. Q1 2016	Q2 2017	% change vs. Q2 2016	Q3 2017	% change vs. Q3 2016	Q4 2017	% change vs. Q4 2016	Q1 2018	% change vs. Q1 2017
Herceptin	522	3	525	2	524	-2	552	6	551	-3
MabThera/Rituxan	465	1	458	-3	406	-16	361	-26	282	-44
Avastin	446	-3	435	-7	438	-8	457	-3	469	-3
Perjeta	176	21	190	21	201	20	200	21	215	13
Actemra/RoActemra	147	17	159	14	156	7	169	12	172	9
Ocrevus	-	-	-	-	1	-	3	-	28	-
Xolair	-	-	-	-	-	-	-	-	-	-
Lucentis	-	-	-	-	-	-	-	-	-	-
Activase/TNKase	-	-	-	-	-	-	-	-	-	-
Tamiflu	13	-30	1	-96	1	-88	12	-81	21	45
Kadcyla	84	5	86	5	88	2	89	3	92	1
Esbriet	42	-2	46	13	47	-7	55	17	56	21
Pulmozyme	32	10	30	2	29	-6	33	1	33	-4
CellCept	43	3	45	-1	43	-2	47	-1	44	-5
Tarceva	37	-22	36	-15	33	-27	34	-18	30	-23
Tecentriq	2	-	1	*	2	130	12	*	23	*
Mircera	22	3	21	2	21	-12	20	-14	19	-17
Alecensa	1	-	4	*	9	*	12	*	17	*
Xeloda	6	-28	6	-27	9	5	5	-25	5	-32
Rocephin	13	-3	7	3	6	3	10	-10	13	-2

* Over 500%

8. Top 20 Pharmaceuticals Division quarterly product sales and quarterly constant exchange rate sales growth Japan

CHF millions	Q1 2017	% change vs. Q1 2016	Q2 2017	% change vs. Q2 2016	Q3 2017	% change vs. Q3 2016	Q4 2017	% change vs. Q4 2016	Q1 2018	% change vs. Q1 2017
Herceptin	67	-4	76	-1	73	0	79	-1	59	-10
MabThera/Rituxan	62	-3	75	5	75	7	81	5	54	-11
Avastin	181	-8	209	2	204	5	223	5	184	2
Perjeta	26	7	30	14	30	22	34	15	28	11
Actemra/RoActemra	64	4	76	9	77	12	87	15	73	14
Ocrevus	-	-	-	-	-	-	-	-	-	-
Xolair	-	-	-	-	-	-	-	-	-	-
Lucentis	-	-	-	-	-	-	-	-	-	-
Activase/TNKase	-	-	-	-	-	-	-	-	-	-
Tamiflu	65	5	7	183	16	63	60	36	74	14
Kadcyla	16	-9	17	-12	18	2	19	6	16	1
Esbriet	-	-	-	-	-	-	-	-	-	-
Pulmozyme	-	-	-	-	-	-	-	-	-	-
CellCept	17	9	19	13	20	14	22	14	17	6
Tarceva	22	-4	24	-10	22	-9	24	-11	17	-23
Tecentriq	-	-	-	-	-	-	-	-	-	-
Mircera	43	-6	54	0	54	3	59	-1	43	-1
Alecensa	29	50	36	35	38	44	44	39	37	27
Xeloda	25	-3	27	-4	26	-1	29	5	24	0
Rocephin	6	-15	6	-5	7	-13	6	-12	5	-10

9. Top 20 Pharmaceuticals Division quarterly product sales and quarterly constant exchange rate sales growth International*

CHF millions	Q1 2017	% change vs. Q1 2016	Q2 2017	% change vs. Q2 2016	Q3 2017	% change vs. Q3 2016	Q4 2017	% change vs. Q4 2016	Q1 2018	% change vs. Q1 2017
Herceptin	487	0	491	2	467	0	454	-5	436	-8
MabThera/Rituxan	327	4	331	10	305	1	309	0	354	11
Avastin	292	7	326	15	273	-5	310	1	288	2
Perjeta	65	47	71	41	72	35	88	45	83	34
Actemra/RoActemra	57	7	54	9	60	16	64	16	62	15
Ocrevus	-	-	1	-	1	-	3	-	8	-
Xolair	-	-	-	-	-	-	-	-	-	-
Lucentis	-	-	-	-	-	-	-	-	-	-
Activase/TNKase	11	0	12	11	14	16	14	5	12	14
Tamiflu	36	-4	54	222	7	-29	24	-45	36	2
Kadcyla	33	49	36	44	39	53	46	29	41	33
Esbriet	7	10	9	62	10	113	13	263	11	61
Pulmozyme	18	3	23	-17	30	50	29	15	30	69
CellCept	77	-11	78	2	79	4	87	9	72	-8
Tarceva	43	-18	44	-15	30	-19	37	-19	33	-24
Tecentriq	2	-	3	-	4	**	5	300	9	357
Mircera	50	-5	46	-7	53	-2	62	16	58	19
Alecensa	2	-	3	-	4	-	7	**	9	500
Xeloda	67	-8	71	1	71	-1	75	11	65	-3
Rocephin	55	-10	57	-5	59	-1	68	42	80	43

* Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, Others

** Over 500%