Investor Update



Basel, 4 February 2021

Roche reports solid results in 2020

- **Group sales** increase 1%¹ at constant exchange rates (CER); 5% decline in Swiss francs, as a result of continued appreciation of the Swiss franc against most currencies
- **Pharmaceuticals Division** sales decline 2%; continued strong sales growth of newly launched medicines (+32%², including Tecentriq, Hemlibra, Ocrevus, Perjeta and Kadcyla) largely offsets the impact of competition from biosimilars (CHF -5.1 billion at CER³), but not the additional COVID-19-related impact from missed medical appointments
- **Diagnostics Division** sales grow 14% for the full year (+28% in the fourth quarter) due to COVID-19 diagnostics; more than offsetting a decline in routine testing due to COVID-19
- Roche's contributions to the fight against the COVID-19 pandemic:
 - o Launch of 15 new diagnostic solutions for COVID-19
 - o Key tests launched in the fourth quarter:
 - USA: Elecsys Anti-SARS-CoV-2 S antibody test, which can play a critical role in measuring a person's vaccine-induced immune response
 - Europe: Elecsys SARS-CoV-2 Antigen test to support high-volume testing of suspected COVID-19 patients
 - Production capacity for SARS-CoV-2 tests and COVID-19-related medicines ramped up significantly at unprecedented speed; substantial funds committed to further expand supply chain capacities (>CHF 800 million)
 - Major partnerships: With Regeneron to increase global supply of investigational antiviral antibody combination (August), with Atea to develop a potential oral COVID-19 treatment (October), and with Moderna to include our recently launched antibody test in their ongoing vaccine trials (December)
- **Approvals for medicines** in the fourth quarter:
 - o USA: Gavreto (thyroid cancer); Xofluza (influenza); Xolair (nasal polyps)
 - o Europe: Tecentriq plus Avastin (liver cancer), Phesgo (breast cancer), Xofluza (influenza)⁴
- **Strong pipeline**: record number of 19 new compounds in phase III trials or filed for approval; investment in research and development further increased by 8% to CHF 12.2 billion
- **Core earnings per share** (EPS) grow ahead of sales at 4% (-5% in CHF)
- **IFRS net income** of CHF 15.1 billion, increasing 17% (7% in CHF), mainly due to the lower goodwill write-offs compared to the previous year
- Board proposes **dividend** to increase to CHF 9.10. Subject to shareholder approval, this would be the 34th consecutive dividend increase)

Outlook for 2021: Despite the continued strong impact of biosimilars, sales are expected to grow in the low-to mid-single digit range, at constant exchange rates. Core earnings per share are targeted to grow broadly in line with sales, at constant exchange rates. Roche expects to increase its dividend in Swiss francs further.

Key figures 2020	CHF 1	CHF millions		ange
	2020	2019	At CER	In CHF
Group sales	58,323	61,466	1	-5
Pharmaceuticals Division	44,532	48,516	-2	-8
Diagnostics Division	13,791	12,950	14	6
Core operating profit	21,536	22,479	4	-4
Core EPS - diluted (CHF)	19.16	20.16	4	-5
IFRS net income	15,068	14,108	17	7

Commenting on the Group's results, Roche CEO Severin Schwan said: "Roche continues to make important contributions to fighting the COVID-19 pandemic. We developed in record time a comprehensive portfolio of diagnostic solutions and entered new partnerships to develop and produce effective COVID-19 medicines. The demand for our new medicines which benefit people living with serious conditions, such as cancer, multiple sclerosis, haemophilia and spinal muscular atrophy, remains high. Based on our rejuvenated portfolio and the significant progress made in developing our product pipeline, Roche is strongly positioned for future growth."

Group results

In 2020, **Group** sales rose 1% (-5% in CHF) to CHF 58.3 billion. The core operating profit increased 4% (-4% in CHF), reflecting the underlying business performance, and core EPS grew 4% (-5% in CHF), ahead of sales. The appreciation of the Swiss franc against almost all currencies had a significant adverse net impact on the results expressed in Swiss francs compared to constant exchange rates.

The IFRS net income increased 17% (7% in CHF). This increase is mainly due to the lower goodwill write-offs compared to the previous year.

Sales in the **Pharmaceuticals Division** decreased 2% to CHF 44.5 billion, mainly due to stronger than expected biosimilars competition and the COVID-19 pandemic. The new medicines (launched since 2012) continued their strong growth (+32%, or +CHF 4.7 billion). In 2020, they generated sales of CHF 18.4 billion, thus already contributing more than 40% to the division's total sales.

While sales of the new medicines grew strongly, the impact of the competition from biosimilars for the established medicines Herceptin, Avastin and MabThera/Rituxan was significant, with an estimated combined CHF 5.1 billion of sales reduction in the US, Europe and Japan.

The COVID-19 pandemic also had an overall negative impact on the division's sales in 2020, especially for medicines where regular visits to health practices or hospitals are needed (ie, for infusions), as many people continue to avoid visits to doctors. This was partly compensated by additional sales of Actemra/RoActemra (+32%) mostly due to treatment of patients with severe COVID-19-associated pneumonia.

In the **United States**, sales decreased by 6%, as a result of the increasing competition from biosimilars for MabThera/Rituxan, Herceptin and Avastin (combined: -38%). This was partially offset by sales of Ocrevus, Hemlibra, Tecentriq and Actemra/RoActemra. Ocrevus sales were driven by both new and returning patient demand, partly dampened by COVID-19 effects. Tecentriq sales increased mainly due to growth in the new indications (certain forms of lung, breast and liver cancer).

In **Europe**, sales grew by 1% with new product sales more than compensating for the biosimilar competition to Herceptin, MabThera/Rituxan and Avastin (combined: -37%) and impacts of the COVID-19 pandemic. Tecentriq sales continued to grow strongly following successful launches. Hemlibra and Ocrevus also showed strong uptake.

In **Japan**, sales decreased by 6%, as a result of the considerable competition from biosimilars and government price cuts. This decline was partially compensated for by recently launched products including Tecentriq and Hemlibra. Perjeta sales grew due to the launch of an additional indication for early breast cancer.

In the **International region**, sales growth (+7%) was mostly driven by China and Russia. China saw a strong uptake of Perjeta and Alecensa; this was partially offset by the impact of the National Reimbursement Drug List update and the COVID-19 impacts.

The **Diagnostics Division** reported strong sales growth of 14% to CHF 13.8 billion. This growth is primarily due to our world-leading portfolio of new COVID-19 tests. Molecular Diagnostics was the main growth contributor (+90%), driven by molecular COVID-19 tests.

Sales of diagnostics for SARS-CoV-2, developed only this year, and emergency testing clearly exceeded COVID-19-related declines in routine diagnostics sales.

Additional product launches in the fourth quarter, such as the spike antibody test, which is used in several COVID-19 vaccine trials, further underlines Roche's speed and innovation power.

Growth was reported in EMEA⁵ (+19%), North America (+26%), Latin America (+14%) and Japan (+5%). The sales decrease in Asia-Pacific (-3%) was driven by China (-11%) due to the decrease in routine testing following severe COVID-19 pandemic restrictions.

COVID-19: Roche's response to the pandemic

Roche is at the forefront of the fight against COVID-19 with a growing portfolio of diagnostics solutions, the development of new medicines and a number of partnerships across the industry, and committed significant funds (more than CHF 800 million for 2020/2021) to further expand production capacity across the entire supply chains.

Diagnostics:

- In 2020, Roche developed 15 solutions for SARS-CoV-2 diagnosis in record time, including both molecular and immunodiagnostic tests for clinical laboratory and point of care. This new portfolio as well as the existing diagnostics menu for critical care will continue to make a significant contribution to the fight against the pandemic as long as large parts of the population are not vaccinated or COVID-19 medicines are not widely available, tests are one of the few effective means in the fight against the pandemic.
- To support the high demand for SARS-CoV-2 testing, Roche created more than 1,000 new jobs worldwide and significantly increased total production capacity: By the end of 2020, more than 1,000 of the high-throughput cobas 6800/8800 instruments were in place; almost twice the number projected for the year were installed in 2020. These expansions will help laboratories meet the rapidly growing global demand for COVID-19 testing.

COVID-19: Diagnostic solutions developed in 2020

Solution	Usage	Availability	Launch
			date
TIB MOLBIOL LightMix	PCR detection of active infection, testing on on LightCycler	CE Mark; US	Jan
Modular SARS-CoV-2 test	instruments and cobas z 480 analyser	research use only	
cobas SARS-CoV-2 test	Detection of SARS-CoV-2, testing on our high-throughput cobas	FDA EUA and	March
(PCR)	6800/8800 systems	CE mark	
Elecsys Anti-SARS-CoV-2	Detection of antibodies against SARS-CoV-2 in patients, testing on	FDA EUA and	May
antibody test	established cobas e analysers	CE mark	
Viewics LabOPS COVID-19	Efficiency improvements in laboratories	USA	May
Roche v-TAC	Digital tool to simplify blood gas value conversion from patients	CE mark	May
Elecsys IL-6 test	IL-6 testing to help identify severe inflammatory response	FDA EUA and	June
		CE mark	
SARS-CoV-2 Rapid Antibody	For use in point-of-care settings to help identify patients that have	CE mark	July
test	developed antibodies against SARS-CoV-2		
iThemba Life COVID-19 App	Mobile health application; delivers COVID-19 testing results	Sub-Saharan	July
	directly to user's smartphone	Africa	
Navify Remote Monitor	Guidance for individuals returning to work or school during	USA	Aug
	COVID-19		
cobas SARS-CoV-2 &	For cobas 6800/8800 systems: Detect/differentiate SARS-CoV-2,	FDA EUA and	Sept
Influenza A/B test	influenza A and/or B virus with a single sample	CE mark	
cobas SARS-CoV-2 &	For cobas Liat system: Detect/differentiate SARS-CoV-2, influenza	FDA EUA and	Sept
Influenza A/B test	A and/or B virus with a single sample in 20 minutes	CE mark	
Elecsys Anti-SARS-CoV-2 S	Quantitatively measure antibodies in people who have been exposed	CE mark	Sept
antibody test	to SARS-CoV-2. Can play a critical role in measuring a person's	FDA EUA	Dec
	vaccine-induced immune response	_	
SARS-CoV-2 Rapid Antigen	Triage people suspected of SARS-CoV-2, for use on symptomatic	CE Mark	Sept
test	people in point-of-care settings; results available in 15 minutes		

Elecsys SARS-CoV-2 Antigen	High-volume laboratory antigen test for the testing and triage of	CE Mark	Dec
test	suspected COVID-19 patients	FDA EUA filed	
cobas infinity POC COVID-	For use in point-of-care settings: Digital solution supporting the	Globally	Dec
19 connectivity portal	roll-out of the SARS-CoV-2 Rapid Antigen test		

Pharmaceuticals:

- In 2020, Roche entered into a number of new partnerships, including with Gilead, Regeneron and Atea, to develop, manufacture and/or distribute molecules that potentially can both treat and prevent COVID-19.
- In addition, Roche is exploring the potential of its investigational molecules and existing portfolio: For example, Roche has initiated three global phase III clinical trials investigating the safety and efficacy of Actemra/RoActemra in COVID-19-associated pneumonia. Results of the COVACTA and EMPACTA studies have been submitted for publication and/or published in a peer-reviewed journal and have been uploaded on data-sharing platforms. Following initial interactions with health authorities, Roche will continue to monitor the evolving clinical evidence for Actemra/RoActemra in this setting, including in combination with an antiviral (remdesivir), in the ongoing phase III REMDACTA study.
- Overall, Roche has four different medicines in six clinical trials for COVID-19 infections.

COVID-19: Roche's contributions in the fourth quarter

Diagnostics:

In December, our **Elecsys Anti-SARS-CoV-2 S antibody test** received the Emergency Use Authorisation (EUA) from the FDA. This immunology test (already launched for markets accepting the CE mark) detects antibodies against the spike protein. This protein is the target of many COVID-19 vaccines in development. The test can be used to quantitatively measure antibodies in people who have been exposed to SARS-CoV-2 and can play an important part in characterising a vaccine-induced immune response.

Roche is working together with leading vaccine developers, such as Moderna, to include our antibody tests in their ongoing COVID-19 vaccine trials.

Also in December, Roche launched a high-volume **Elecsys SARS-CoV-2 Antigen test** as an aid in the diagnosis of an active SARS-CoV-2 infection. It is available in markets accepting the CE mark, and Roche has filed for an FDA EUA. Performed by healthcare professionals, this test uses swab samples from patients with symptoms suggestive of COVID-19 or from people with either known or suspected exposure to the virus.

Pharmaceuticals:

In October, Roche announced a partnership with **Atea Pharmaceuticals** to jointly develop, manufacture and distribute **AT-527** to people around the globe. Atea's compound has the potential to be the first novel oral antiviral to treat COVID-19 patients outside the hospital setting as well as in the hospital. Its formulation (pill) could allow for large-scale manufacturing and may help to facilitate access to a broad patient population.

In November, Roche's partner **Regeneron** received FDA EUA for their antiviral antibody combination (casirivimab and imdevimab) for the treatment of recently diagnosed high-risk patients with mild to

moderate COVID-19. As part of the global partnership with Regeneron, Roche is committing a significant amount of manufacturing capacity and is working to expand supply of this antibody combination beyond the US to as many people as possible.

Pharmaceuticals: Pipeline development in 2020

Despite the massive disruption of the global pandemic, Roche's commitment to developing new treatment options remained unchanged in 2020. The strong flow of positive study results and approvals form the basis for Roche's future growth.

Thanks to a range of innovative new approaches, Roche moved **nine new molecules** to late-stage development, compared to approx. three p.a. over the last four years. At the end of 2020, Roche had **19 new molecular entities (NMEs)** in late-stage development – more than ever before. Moreover, Roche launched **four new medicines** in 2020.

Pharmaceuticals: Key approvals in the fourth quarter 2020

Pharmaceuticals	Indication	Key markets		
Tecentriq + Avastin	Unresectable hepatocellular carcinoma, the most common form of liver cancer. First and	EU and China		
	only cancer immunotherapy regimen approved for this indication			
Ocrevus	Shorter 2-hour infusion time for relapsing and primary progressive multiple sclerosis:	US		
	The only approved B-cell therapy with a twice-yearly dosing schedule; shorter infusion			
	time will further improve treatment experience			
Phesgo	HER2-positive breast cancer; fixed-dose combination of Perjeta and Herceptin with	EU		
	hyaluronidase: Faster and less invasive delivery of this standard-of-care treatment.			
Gavreto	Advanced or metastatic RET-mutant and RET fusion-positive medullary thyroid cancers;	US		
	approved across multiple RET-altered tumour types	(BTDs)		
Xofluza	Prevention of influenza following contact with infected person: First single-dose, post-	US		
	exposure preventive treatment for influenza. Reducing the burden of influenza may help			
	to mitigate strain on healthcare systems amid COVID-19			
Xofluza	Influenza and as preventive treatment. First antiviral influenza drug with a novel	EU		
	mechanism of action to be approved in the EU in almost 20 years.	(Jan. 2021)		
Xolair	Nasal polyps	US		
Venclexta/Venclyxto	Acute myeloid leukaemia	US (full FDA		
combination		approval)		

BTD: Breakthrough Therapy Designation

Pharmaceuticals: Key approvals January - September 2020

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Pharmaceuticals	Indication	Key markets
Rozlytrek	Solid tumours expressing a neurotrophic tyrosine receptor kinase gene fusion	EU
Rozlytrek	ROS1-positive, advanced non-small cell lung cancer	EU
Venclexta/Venclyxto	Previously untreated chronic lymphocytic leukaemia	EU
+Gazyva/Gazyvaro		
Polivy +	Relapsed or refractory diffuse large B-cell lymphoma	EU
MabThera/Rituxan		

Evrysdi	Oral medication, spinal muscular atrophy type 1, 2, 3	US
Enspryng	Enspryng Neuromyelitis optica spectrum disorder, a rare autoimmune disease of the central nervous system	
Zelboraf + Cotellic +Tecentriq	BRAF V600 mutation-positive advanced melanoma	US
Tecentriq + Avastin	Unresectable or metastatic hepatocellular carcinoma	US
Tecentriq	First-line (initial) monotherapy for certain people with metastatic non-small cell lung cancer	US
Phesgo	HER2-positive breast cancer; fixed-dose combination of Perjeta and Herceptin with hyaluronidase, administered by subcutaneous injection	US

Pharmaceuticals: Key development milestones in the fourth quarter of 2020

In December, Roche announced three year follow-up phase III data results reinforcing the long-term benefit of **Hemlibra** for people with haemophilia A. Hemlibra maintained low treated bleed rates and was well tolerated in people with haemophilia A of all ages (with and without factor VIII inhibitors). The proportion of participants who experienced zero treated bleeds increased over the course of the study period.

Also in December, Roche presented exploratory data from our phase III study (IMvigor010) in early bladder cancer. It showed that people with muscle-invasive urothelial cancer who had detectable circulating tumour DNA (ctDNA), a biomarker that can be used to identify minimal residual disease, were more likely to benefit from treatment with adjuvant **Tecentriq** monotherapy compared with those without ctDNA.

Faricimab is the first investigational bispecific antibody designed for the eye and targets two distinct pathways – via angiopoietin-2 and vascular endothelial growth factor-A – that drive a number of retinal conditions. Roche recently announced positive topline results from four global phase III studies:

- YOSEMITE and RHINE in people living with diabetic macular oedema, a leading cause of blindness. Both studies met their primary endpoint and showed that faricimab demonstrated non-inferior visual acuity gains. More than half of participants in the personalised dosing arms had extended time between treatments to 16 weeks at year one.
- TENAYA and LUCERNE in neovascular age-related macular degeneration, the leading cause of blindness in people over 60: The time between treatments could be extended to 16 weeks for almost half of participants.

Roche plans to file for approval in both indications in the first quarter of 2021.

Furthermore, the FDA granted Fast Track Designation (FTD) to Roche's investigational next generation oral selective oestrogen receptor degrader (SERD) **giredestrant** for a certain type of breast cancer, and Breakthrough Therapy Designation (BTD) to **tiragolumab** for a certain type of lung cancer. Tiragolumab is a novel cancer immunotherapy designed to bind to TIGIT; this marks the 37th BTD for Roche's portfolio of medicines.

BTDs and FTDs are processes designed to expedite the development and review of medicines intended to treat serious diseases – thus enabling them to be approved and made available to patients more quickly. These recognitions reflect the high degree of innovation of Roche's research and development.

Pharmaceuticals: Kev development milestones in the fourth quarter 2020

Study: compound	Indication	Outcome
Phase III MURANO and CLL14:	Relapsed or refractory chronic	Reinforcing long-term benefit
Venclexta/Venclyxto combo	lymphocytic leukaemia	
GO29365: Polivy +	Relapsed or refractory diffuse	Reinforcing benefit/risk profile; showing continued survival
MabThera/Rituxan	large B-cell lymphoma	benefit
HAVEN: Hemlibra	Haemophilia A	Reinforcing long-term benefit; proportion of participants
		who experienced zero treated bleeds increased
GO29781, GO40554, NP30179,	Blood cancers (non-Hodgkin	Bispecific antibodies: Showing encouraging activity across
GO39775: Mosunetuzumab,	lymphoma, multiple myeloma)	multiple types of blood cancer
glofitamab, cevostamab		
Phase III IMvigor010:	Early bladder cancer	People with muscle-invasive urothelial cancer who had
Tecentriq		detectable ctDNA more likely to benefit from adjuvant
(exploratory analysis)		treatment with Tecentriq, compared with those w/o ctDNA
Phase III YOSEMITE and	Diabetic macular oedema	Demonstrated non-inferior visual acuity gains; given at
RHINE: Faricimab		intervals of up to every 16 weeks
Phase III TENAYA and	Neovascular age-related	Demonstrated non-inferior visual acuity gains; given at
LUCERNE: Faricimab	macular degeneration	intervals of up to every 16 weeks
	Oestrogen receptor positive,	FTD
Giredestrant	HER2-negative metastatic	
	breast cancer	
Phase II CITYSCAPE:	PD-L1-high non-small cell	BTD; further evidence that targeting both immune
Tiragolumab + Tecentriq	lung cancer	inhibitory receptors, TIGIT and PD-L1, may potentially amplify immune response

Diagnostics: Key launches in 2020 (apart from COVID-19)

In addition to its broad new COVID-19 testing portfolio, Roche introduced several other important diagnostic advancements for customers and patients.

These include the **cobas prime** (the first fully automatic, pre-analytical system to prepare the variety and volume of samples labs receive for molecular testing) and three next-generation **uPath image analysis algorithms** for rapid and accurate test results in oncology (digital pathology: automated analysis of scans generated from tissue samples).

Other Roche market firsts include the **cobas Epstein-Barr virus (EBV) and BK virus (BKV) tests**, which were approved by the FDA mid-year. Both tests had previously received breakthrough device status. These fast, reliable tools (both performed on our high-throughput cobas 6800/8800 systems) enable healthcare professionals to monitor and treat patients at risk for the common, but life-threatening, consequences of EBV and BKV infections after transplantation of solid organs and/or stem cells.

Pharmaceuticals sales

Pharmaceuticals Division	CHF mi	llions	As % of sales		% change	
Sales in 2020						
	2020	2019	2020	2019	At CER	In CHF
Pharmaceuticals Division	44,532	48,516	100.0	100.0	-2	-8
United States	23,647	26,711	53.1	55.1	-6	-11
Europe	8,198	8,453	18.4	17.4	1	-3
Japan	3,765	4,143	8.5	8.5	-6	-9
International*	8,922	9,209	20.0	19.0	7	-3

^{*}Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, others

Pharmaceuticals: Established products

Avastin (CHF 5.0 billion, -25%). Advanced colorectal, breast, lung, kidney, cervical and ovarian cancer, relapsed glioblastoma (a type of brain tumour) and liver cancer in combination with Tecentriq. Sales were impacted by the biosimilar competition in the US, Europe and Japan.

MabThera/Rituxan (CHF 4.2 billion, -31%). Forms of blood cancer, rheumatoid arthritis and certain types of vasculitis. The sales decline was driven by all regions, due to the biosimilar erosion as well as market contraction from the COVID-19 pandemic restrictions.

Herceptin (CHF 3.7 billion, -34%). HER2-positive breast cancer and HER2-positive metastatic gastric cancer. Sales were impacted by biosimilars in the US, Japan and Europe. In the US, the switch to Kadcyla as the new standard of treatment (notably in early breast cancer) also impacted sales.

Actemra/RoActemra (CHF 2.9 billion, +32%). 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. A number of countries included this medicine in their treatment guidelines for severe COVID-19-associated pneumonia. Actemra/RoActemra is not currently approved for this use; various clinical studies have been carried out and the results made available to healthcare authorities. The US was the major contributor to the sales increase, along with Russia, India and Spain.

Xolair (CHF 1.9 billion, +2%, US only). Chronic idiopathic urticaria and allergic asthma. The sales increase was driven by the demand in both indications. Xolair remains the market leader in the larger allergic asthma indication.

Lucentis (CHF 1.4 billion, -16%, US only). Eye conditions, including 'wet' age-related macular degeneration. The COVID-19 pandemic caused some disruption in hospitals and ophthalmology practices and many patients delayed treatment during the restrictions.

Pharmaceuticals: Medicines launched since 2012

Ocrevus (first approved in 2017; CHF 4.3 billion, +24%). Relapsing and primary progressive forms of multiple sclerosis; shorter 2-hour infusion. The strong demand for this treatment in both indications has continued, while the COVID-19 pandemic has had a certain negative impact. In the US, growth was driven both by new and returning patients.

Perjeta (first approved in 2012; CHF 3.9 billion, +18%). HER2-positive breast cancer. The increased patient demand for this medicine was mostly driven by the International region, mainly China (in both early breast cancer and metastatic breast cancer settings).

Tecentriq (first approved in 2016; CHF 2.7 billion, +55%). Cancer immunotherapy for various types of cancer (either alone or in combinations), ie, certain types of lung, bladder, breast and liver cancer. Strong sales growth reported by all regions, notably in the US, where higher sales were driven by the new indications for extensive-stage small cell lung cancer, PD-L1-positive triple-negative breast cancer and unresectable or metastatic hepatocellular carcinoma.

Hemlibra (first approved in 2017; CHF 2.2 billion, +68%). Haemophilia A with and without factor VIII inhibitors; only prophylactic treatment that can be administered subcutaneously once weekly, once every two weeks or once every four weeks. Sales continued to show a strong uptake, especially in the US and Europe, despite COVID-19 restrictions having some impact on potential new patients.

Kadcyla (first approved in 2013; CHF 1.7 billion, +34%). HER2-positive breast cancer. The increased demand for Kadcyla was driven by its usage in the early breast cancer setting. Sales benefited from the positive read-out from the KATHERINE study and patients switching to the new standard of treatment.

Alecensa (first approved in 2015; CHF 1.2 billion, +40%). ALK-positive non-small cell lung cancer. The global uptake continued across all regions.

Esbriet (first approved in 2014; CHF 1.1 billion, +4%). Idiopathic pulmonary fibrosis (IPF). Sales continued to expand, driven by increased use in indications other than IPF in the US.

Gazyva/Gazyvaro (first approved in 2013; CHF 632 million, +21%). Chronic lymphocytic leukaemia, rituximab-refractory follicular lymphoma and previously untreated advanced follicular lymphoma.

Polivy (first approved in 2019; CHF 169 million, +248%). Relapsed or refractory diffuse large B-cell lymphoma; part of combination therapy. The dynamics in the market suggest that Polivy represents a new much-needed fixed-duration treatment option for people with this aggressive form of lymphoma.

Evrysdi (first approved in 2020; CHF 55 million*). Spinal muscular atrophy (SMA) in adults and children two months of age and older. Evrysdi helps infants to survive without permanent ventilation and to achieve the ability to sit without support, a key motor milestone not normally seen in the natural course of the disease; first and only medicine for SMA that can be taken at home.

Xofluza (first approved in 2018; CHF 43 million, +370%). Acute, uncomplicated influenza, for people with high risk of developing flu-related complications; prevention of influenza following contact with infected person.

Rozlytrek (first approved in 2019; CHF 24 million, +267%). Specific form of non-small cell lung cancer (NSCLC); solid tumours expressing a specific gene fusion; ROS1-positive, advanced NSCLC.

Phesgo (first approved in 2020; CHF 23 million*). Early and metastatic HER2-positive breast cancer (fixed-dose combination of Perjeta and Herceptin for subcutaneous injection). Offers faster administration in just minutes, compared to hours with standard intravenous administration.

Enspryng (first approved in 2020; CHF 18 million*). Rare autoimmune disease of the central nervous system (neuromyelitis optica spectrum disorder; NMOSD). Using novel recycling antibody technology, Enspryng is the first subcutaneous NMOSD treatment that can be self-administered at home. Currently approved in 14 countries with multiple additional country approvals anticipated in the near-term.

^{*} recently launched, no growth figures available

Top-selling	Tot	al	United	States	Euro	pe	Japa	an	Internat	ional*
pharmaceuticals Sales in 2020	CHF m	%	CHF m	%	CHF m	%	CHF m	%	CHF m	%
Avastin	4,992	-25	1,795	-37	1,252	-27	717	-15	1,228	-2
Ocrevus	4,326	24	3,408	18	674	41	-	-	244	68
MabThera/Rituxan	4,223	-31	2,864	-32	379	-33	64	-39	916	-22
Perjeta	3,883	18	1,476	2	1,150	10	294	9	963	75
Herceptin	3,732	-34	1,356	-47	665	-32	140	-40	1,571	-17
Actemra/RoActemra	2,858	32	1,212	36	783	16	366	-5	497	116
Tecentriq	2,738	55	1,566	40	576	72	330	82	266	93
Hemlibra	2,190	68	1,388	56	373	135	313	40	116	233
Xolair	1,904	2	1,904	2	-	-	-	-	-	-
Kadcyla	1,745	34	807	34	560	35	90	13	288	37

^{*} Asia-Pacific, EEMEA (Eastern Europe, Middle East and Africa), Latin America, Canada, others

Diagnostics sales

Diagnostics Division	CHF millions		As % c	of sales	% change	
Sales in 2020	2020	2019	2020	2019	At CER	In CHF
Diagnostics Division	13,791	12,950	100.0	100.0	14	6
Business Areas						
Centralised and Point of Care Solutions	7,273	7,819	52.7	60.4	-1	-7
Molecular Diagnostics	3,760	2,109	27.3	16.3	90	78
Diabetes Care	1,670	1,918	12.1	14.8	-5	-13
Tissue Diagnostics	1,088	1,104	7.9	8.5	5	-1
Regions						
Europe, Middle East, Africa	5,491	4,897	39.5	37.9	19	12
North America	3,867	3,253	28.4	25.1	26	19
Asia-Pacific	3,128	3,437	22.7	26.5	-3	-9
Latin America	788	854	5.7	6.6	14	-8
Japan	517	509	3.7	3.9	5	2

Centralised and Point of Care Solutions sales declined by 1%; its immunodiagnostics business was strongly impacted by the decline in routine testing worldwide, but particularly in China, due to the COVID-19 pandemic. In EMEA, the decline of the routine testing has been more than compensated by the sales growth of the point-of-care COVID-19 testing products (such as our SARS-CoV-2 Rapid Antigen test), while in North America, this decline was offset by the Roche CustomBiotech business (products and solutions for diagnostics and biotech manufacturers).

Sales in **Molecular Diagnostics** increased 90%. The strong sales growth was driven by the segments virology (predominantly SARS-CoV-2, such as the first high-throughput PCR test launched in March), LightMix systems (pathogen detection panel) as well as point-of-care molecular diagnostics.

Diabetes Care sales decreased 5% due to patients switching to continuous glucose monitoring systems. The COVID-19 pandemic also had a negative impact. The decrease was reflected mainly in the EMEA region. Demand for digital diabetes management solutions (RocheDiabetes Care Platform, mySugr and Accu-Chek SugarView) continued to be strong.

Tissue Diagnostics sales increased 5%, due to growth in advanced staining instruments sales and recovery from manufacturing delays in the prior year, as well as increased sales in companion diagnostics. This was partially offset by lower testing volume due to the COVID-19 pandemic.

Roche's Full Year Results 2020 - Live Webinar

There will be a live webinar for investors and analysts today, **Thursday**, **4 February at 2:00 pm CET**. To access the webinar, please click <u>here</u>.

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. More than 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. Moreover, for the twelfth consecutive year, Roche has been recognised as one of the most sustainable companies in the Pharmaceuticals Industry by the Dow Jones Sustainability Indices (DJSI).

The Roche Group, headquartered in Basel, Switzerland, is active in over 100 countries and in 2020 employed more than 100,000 people worldwide. In 2020, Roche invested CHF 12.2 billion in R&D and posted sales of CHF 58.3 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

- Full Year 2020 Presentation: https://www.roche.com/irp210204-a.pdf
- Full Year 2020 Presentation with appendix: https://www.roche.com/irp210204.pdf
- Annual Report: https://www.roche.com/investors/annualreport20.htm

References

- [1] Unless otherwise stated, all growth rates in this document are at constant exchange rates (CER: average 2019)
- [2] Launched since 2012: Erivedge, Perjeta, Kadcyla, Gazyva/Gazyvaro, Esbriet, Cotellic, Alecensa, Tecentriq, Ocrevus, Hemlibra, Xofluza, Polivy, Rozlytrek, Phesgo, Enspryng, Evrysdi
- [3] Biosimilar competition for MabThera/Rituxan, Herceptin and Avastin in the US, Europe and Japan
- [4] Approval in January 2021
- [5] EMEA = Europe, Middle East and Africa

Cautionary statement regarding forward-looking statements

This Annual Report contains certain forward-looking statements. These forward-looking statements may be identified by words such as 'believes', 'expects', 'anticipates', 'projects', 'intends', 'should', 'seeks', 'estimates', 'future' or similar expressions or by discussion of, among other things, strategy, goals, plans or intentions. Various factors may cause actual results to differ materially in the future from those reflected in forward-looking statements contained in this Annual Report, such as: (1) pricing and product initiatives of competitors; (2) legislative and regulatory developments and economic conditions; (3) delay or inability in obtaining regulatory approvals or bringing products to market; (4) fluctuations in currency exchange rates and general financial market conditions; (5)

uncertainties in the discovery, development or marketing of new products or new uses of existing products, including without limitation negative results of clinical trials or research projects, unexpected side effects of pipeline or marketed products; (6) increased government pricing pressures; (7) interruptions in production; (8) loss of or inability to obtain adequate protection for intellectual property rights; (9) litigation; (10) loss of key executives or other employees; and (11) adverse publicity and news coverage.

The statement regarding earnings per share growth is not a profit forecast and should not be interpreted to mean that Roche's earnings or earnings per share for 2020 or any subsequent period will necessarily match or exceed the historical published earnings or earnings per share of Roche.

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1. Sales January to December 2020 and 2019

CHF millions	Twelve mo	nths ended cember	% change		
	2020	2019	At CER	In CHF	
Pharmaceuticals Division	44,532	48,516	-2	-8	
United States	23,647	26,711	-6	-11	
Europe	8,198	8,453	1	-3	
Japan	3,765	4,143	-6	-9	
International*	8,922	9,209	7	-3	
Diagnostics Division	13,791	12,950	14	6	
Roche Group	58,323	61,466	1	-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 2020 and 2019

		% change								
CHF millions	Q4 2019	vs.	Q1 2020	vs.	Q2 2020	vs.	Q3 2020	vs.	Q4 2020	vs.
		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019
Pharmaceuticals Division	11,957	8	12,262	7	10,940	-6	11,115	-4	10,215	-7
United States	6,675	11	6,616	3	5,848	-10	5,925	-5	5,258	-13
Europe	2,143	6	2,264	14	1,926	-3	2,078	2	1,930	-8
Japan	1,067	3	948	3	960	-7	894	-13	963	-5
International*	2,072	2	2,434	16	2,206	5	2,218	-2	2,064	11
Diagnostics Division	3,443	1	2,881	5	3,198	2	3,583	18	4,129	28
Roche Group	15,400	6	15,143	7	14,138	-4	14,698	1	14,344	1

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

3. Pharmaceuticals Division – Top-selling pharmaceuticals sales and constant exchange rate growth YTD December 2020 vs. YTD December 2019

Top-selling pharmaceuticals	То	tal	United	l States	Euro	pe	Jaŗ	oan	Interna	tional*
January - December 2020	CHF m	%	CHF m	%	CHF m	%	CHF m	%	CHF m	%
Avastin	4,992	-25	1,795	-37	1,252	-27	717	-15	1,228	-2
Ocrevus	4,326	24	3,408	18	674	41	-	-	244	68
MabThera/Rituxan	4,223	-31	2,864	-32	379	-33	64	-39	916	-22
Perjeta	3,883	18	1,476	2	1,150	10	294	9	963	75
Herceptin	3,732	-34	1,356	-47	665	-32	140	-40	1,571	-17
Actemra/RoActemra	2,858	32	1,212	36	783	16	366	-5	497	116
Tecentriq	2,738	55	1,566	40	576	72	330	82	266	93
Hemlibra	2,190	68	1,388	56	373	135	313	40	116	233
Xolair	1,904	2	1,904	2	-	-	-	-	-	-
Kadcyla	1,745	34	807	34	560	35	90	13	288	37

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

4. Pharmaceuticals Division - New products sales and constant exchange rate growth YTD December 2020 vs. YTD December 2019

New products	То	tal	United States		Europe		Japan		International*	
January - December 2020	CHF m	%	CHF m	%	CHF m	%	CHF m	%	CHF m	%
Erivedge	278	7	186	6	61	3	-	-	31	18
Perjeta	3,883	18	1,476	2	1,150	10	294	9	963	75
Kadcyla	1,745	34	807	34	560	35	90	13	288	37
Gazyva/Gazyvaro	632	21	293	25	211	26	69	8	59	6
Esbriet	1,108	4	788	3	266	6	-	-	54	5
Cotellic	51	-3	12	16	21	-29	-	-	18	39
Alecensa	1,160	40	343	10	264	29	240	15	313	189
Tecentriq	2,738	55	1,566	40	576	72	330	82	266	93
Ocrevus	4,326	24	3,408	18	674	41	-	-	244	68
Hemlibra	2,190	68	1,388	56	373	135	313	40	116	233
Xofluza	43	370	37	399	-	-	-	-	6	227
Polivy	169	248	104	117	62	**	-	-	3	**
Rozlytrek	24	267	19	198	1	**	4	**	-	-
Phesgo	23	-	23	-	-	-	-	-	-	-
Enspryng	18	-	6	-	-	-	12	-	-	-
Evrysdi	55	-	54	-	-	-	-	-	1	-

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

^{**} Over 500%

5. Top 20 Pharmaceuticals Division product sales and constant exchange rate growth YTD December 2020 vs. YTD December 2019

CHF millions	То	tal	United	States	Euro	pe	Jap	an	Interna	tional*
January - December 2020	CHF m	%	CHF m	%	CHF m	%	CHF m	%	CHF m	%
Avastin	4,992	-25	1,795	-37	1,252	-27	717	-15	1,228	-2
Ocrevus	4,326	24	3,408	18	674	41	-	-	244	68
MabThera/Rituxan	4,223	-31	2,864	-32	379	-33	64	-39	916	-22
Perjeta	3,883	18	1,476	2	1,150	10	294	9	963	75
Herceptin	3,732	-34	1,356	-47	665	-32	140	-40	1,571	-17
Actemra/RoActemra	2,858	32	1,212	36	783	16	366	-5	497	116
Tecentriq	2,738	55	1,566	40	576	72	330	82	266	93
Hemlibra	2,190	68	1,388	56	373	135	313	40	116	233
Xolair	1,904	2	1,904	2	-	-	-	-	-	-
Kadcyla	1,745	34	807	34	560	35	90	13	288	37
Lucentis	1,444	-16	1,444	-16	-	-	-	=	-	-
Activase/TNKase	1,321	5	1,268	5	-	-	-	-	53	6
Alecensa	1,160	40	343	10	264	29	240	15	313	189
Esbriet	1,108	4	788	3	266	6	-	=	54	5
Pulmozyme	642	-9	437	-12	133	5	1	19	71	-6
Gazyva	632	21	293	25	211	26	69	8	59	6
CellCept	606	-2	62	-21	157	-6	80	-2	307	5
Mircera	470	-17	-	-	58	-9	154	-21	258	-15
Madopar	361	8	-	-	109	0	-	-	252	11
Xeloda	301	-21	7	-68	16	-3	32	-55	246	-10

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

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

		% change								
CHF millions	Q4 2019	vs.	Q1 2020	vs.	Q2 2020	vs.	Q3 2020	vs.	Q4 2020	vs.
		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019
Avastin	1,608	-6	1,497	-13	1,338	-24	1,188	-30	969	-35
Ocrevus	1,044	55	1,112	38	964	12	1,198	37	1,052	10
MabThera/Rituxan	1,518	-6	1,389	-15	1,051	-32	1,003	-33	780	-43
Perjeta	857	16	1,011	22	930	12	988	17	954	20
Herceptin	1,240	-24	1,207	-24	993	-33	879	-38	653	-43
Actemra/RoActemra	605	5	666	30	795	40	673	27	724	29
Tecentriq	578	136	644	99	653	54	718	49	723	35
Hemlibra	459	313	521	146	482	59	572	57	615	45
Xolair	484	0	468	3	490	1	493	3	453	3
Kadcyla	388	57	428	55	409	26	458	33	450	26
Lucentis	456	7	387	-13	341	-25	392	-5	324	-22
Activase/TNKase	312	0	390	11	301	-3	314	1	316	11
Alecensa	220	11	268	43	272	27	301	37	319	54
Esbriet	316	9	292	22	274	2	278	5	264	-9
Pulmozyme	189	-5	191	10	161	-10	148	-16	142	-17
Gazyva	162	51	165	49	145	23	162	15	160	6
CellCept	154	-3	166	7	148	-2	148	-11	144	-1
Mircera	142	5	126	-8	125	-7	118	-26	101	-24
Madopar	84	9	98	5	96	23	86	2	81	4
Xeloda	87	-13	86	-16	90	-12	77	-20	48	-42

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

		% change								
CHF millions	Q4 2019	vs.	Q1 2020	vs.	Q2 2020	vs.	Q3 2020	vs.	Q4 2020	vs.
		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019
Avastin	647	-11	586	-27	471	-39	432	-37	306	-47
Ocrevus	833	44	898	29	773	9	939	32	798	5
MabThera/Rituxan	1,099	1	973	-14	720	-33	672	-35	499	-49
Perjeta	370	4	395	-1	375	4	368	7	338	0
Herceptin	533	-24	475	-38	373	-46	313	-49	195	-59
Actemra/RoActemra	248	6	296	44	396	65	250	15	270	19
Tecentriq	343	146	376	79	368	31	422	37	400	27
Hemlibra	308	302	353	119	311	51	356	50	368	30
Xolair	484	0	468	3	490	1	493	3	453	3
Kadcyla	187	108	204	68	200	36	213	34	190	11
Lucentis	456	7	387	-13	341	-25	392	-5	324	-22
Activase/TNKase	297	-1	376	10	288	-3	302	1	302	11
Alecensa	98	23	84	29	84	7	89	17	86	-4
Esbriet	233	6	202	20	200	4	200	8	186	-12
Pulmozyme	136	-4	128	10	116	-10	99	-22	94	-24
Gazyva	74	48	79	48	65	23	78	29	71	5
CellCept	17	-15	18	-15	14	-31	15	-29	15	-6
Mircera	-	-	-	-	-	-	-	-	-	-
Madopar	-	-	-	-	-	-	-	-	-	-
Xeloda	4	-53	3	-71	-1	-	3	-15	2	-51

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

		% change								
CHF millions	Q4 2019	vs.	Q1 2020	vs.	Q2 2020	vs.	Q3 2020	vs.	Q4 2020	vs.
		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019
Avastin	439	1	423	-3	373	-13	286	-33	170	-61
Ocrevus	157	112	156	79	141	26	193	56	184	20
MabThera/Rituxan	120	-33	123	-24	79	-44	102	-29	75	-36
Perjeta	287	21	307	21	260	1	291	13	292	4
Herceptin	212	-39	193	-32	168	-33	161	-30	143	-31
Actemra/RoActemra	178	3	209	27	173	2	186	10	215	24
Tecentriq	122	172	145	169	137	90	155	72	139	18
Hemlibra	57	202	78	216	68	92	115	171	112	99
Xolair	-	-	-	-	-	-	-	-	-	-
Kadcyla	120	28	132	43	125	26	147	39	156	34
Lucentis	-	-	-	-	-	-	-	-	-	-
Activase/TNKase	-	-	-	-	-	-	-	-	-	-
Alecensa	59	58	66	51	59	27	68	22	71	22
Esbriet	69	16	74	28	60	-3	64	-2	68	2
Pulmozyme	33	-2	37	12	31	0	31	3	34	4
Gazyva	50	38	56	57	45	13	54	26	56	15
CellCept	43	-1	48	15	32	-20	39	-8	38	-10
Mircera	16	-8	17	6	14	-13	14	-14	13	-17
Madopar	29	7	29	13	24	-11	28	2	28	-2
Xeloda	4	7	5	25	4	4	3	-18	4	-18

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

		% change								
CHF millions	Q4 2019	vs.	Q1 2020	vs.	Q2 2020	vs.	Q3 2020	vs.	Q4 2020	vs.
		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019
Avastin	206	-13	181	-5	182	-19	171	-25	183	-7
Ocrevus	-	-	-	-	-	-	-	-	-	-
MabThera/Rituxan	25	-37	17	-39	16	-45	15	-38	16	-34
Perjeta	79	67	74	49	75	11	70	-9	75	0
Herceptin	58	-15	40	-26	37	-45	32	-46	31	-43
Actemra/RoActemra	103	1	89	6	92	-8	86	-15	99	1
Tecentriq	63	68	69	111	79	94	77	62	105	75
Hemlibra	79	472	74	207	77	36	76	13	86	15
Xolair	-	-	-		-	-	-	-	-	-
Kadcyla	20	-5	18	3	23	3	22	7	27	41
Lucentis	-	-	-		-	-	-	-	-	-
Activase/TNKase	-	-	-		-	-	-	-	-	-
Alecensa	55	-1	53	15	62	8	58	8	67	29
Esbriet	-	-	-		-	-	-	-	-	-
Pulmozyme	1	14	-	-	-	-	1	40	-	-
Gazyva	20	145	15	95	21	65	15	-36	18	-9
CellCept	22	-1	19	0	21	-6	19	-3	21	1
Mircera	51	-14	37	-17	38	-29	39	-20	40	-18
Madopar	-	-	-	-	-	-	-	-	-	-
Xeloda	14	-53	10	-54	8	-60	7	-56	7	-50

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

		% change								
CHF millions	Q4 2019	vs.	Q1 2020	vs.	Q2 2020	vs.	Q3 2020	vs.	Q4 2020	vs.
		Q4 2018		Q1 2019		Q2 2019		Q3 2019		Q4 2019
Avastin	316	0	307	5	312	-6	299	-14	310	8
Ocrevus	54	155	58	119	50	43	66	74	70	55
MabThera/Rituxan	274	-11	276	-9	236	-25	214	-30	190	-24
Perjeta	121	19	235	83	220	50	259	52	249	135
Herceptin	437	-16	499	4	415	-14	373	-28	284	-29
Actemra/RoActemra	76	15	72	27	134	123	151	209	140	114
Tecentriq	50	109	54	101	69	120	64	74	79	86
Hemlibra	15	**	16	**	26	319	25	58	49	325
Xolair	-	-	-	-	-	-	-	-	-	-
Kadcyla	61	50	74	63	61	12	76	30	77	50
Lucentis	-	-	-	-	-	-	-	-	-	-
Activase/TNKase	15	8	14	27	13	4	12	-5	14	1
Alecensa	8	-64	65	97	67	107	86	141	95	**
Esbriet	14	31	16	23	14	3	14	5	10	-9
Pulmozyme	19	-15	26	8	14	-25	17	-6	14	-7
Gazyva	18	43	15	7	14	16	15	5	15	-1
CellCept	72	-1	81	11	81	18	75	-10	70	4
Mircera	75	28	72	-6	73	13	65	-31	48	-30
Madopar	55	11	69	2	72	40	58	2	53	6
Xeloda	65	10	68	1	79	8	64	-13	35	-41

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

^{**} Over 500%

11. Roche Group consolidated income statement for the twelve months ended 31 December 2020

in millions of CHF	Pharma- ceuticals	Diagnostics	Corporate	Group
Sales	44,532	13,791	-	58,323
Royalties and other operating income	1,959	61	-	2,020
Cost of sales	(9,483)	(6,694)	-	(16,177)
Marketing and distribution	(6,796)	(2,776)	-	(9,572)
Research and development	(11,421)	(1,588)	-	(13,009)
General and administration	(1,639)	(793)	(610)	(3,042)
Operating profit	17,152	2,001	(610)	18,543
Financing costs				(553)
Other financial income (expense)				(25)
Profit before taxes				17,965
Income taxes				(2,897)
Net income				15,068
Attributable to				
- Roche shareholders				14,295
- Non-controlling interests				773
Earnings per share and non-voting equity se	ecurity			
Basic (CHF)				16.73
Diluted (CHF)				16.52

12. Roche Group core results reconciliation – Full Year 2020

in millions of CHF	IFRS	Global restructuring	Intangibles amortisation	Intangibles impairment Mergers and	acquisitions and alliance transactions	Legal & environmental	Pension plan settlements	Global issues	Normalisation of ECP tax benefit	Core
Sales	58,323	-	-	-	-	-	-	-	-	58,323
Royalties and other operating income	2,020	-	-	-	-	-	-	-	-	2,020
Cost of sales	(16,177)	225	1,304	81	-	-	-	-	-	(14,567)
Marketing and distribution	(9,572)	178	33	-	-	-	-	-	-	(9,361)
Research and development	(13,009)	99	413	344	-	-	-	-	-	(12,153)
General and administration	(3,042)	407	-	247	9	(345)	(2)	-	-	(2,726)
Operating profit	18,543	909	1,750	672	9	(345)	(2)	-	-	21,536
Financing costs Other financial income (expense)	(553) (25)	-	-	-	7	7	-	-	-	(539) (25)
Profit before taxes	17,965	909	1,750	672	16	(338)	(2)	_		20,972
Income taxes	(2,897)	(168)	(482)	(94)	(12)	67	-	-	(8)	(3,594)
Net income	15,068	741	1,268	578	4	(271)	(2)	-	(8)	17,378
Attributable to										
- Roche shareholders	14,295	719	1,262	578	4	(271)	(2)	-	(8)	16,577
- Non-controlling interests	773	22	6	-	-	-	-	-	-	801
EPS - diluted (CHF)	16.52	0.83	1.46	0.67	-	(0.31)	-	-	(0.01)	19.16

13. Divisional core results reconciliation - Full Year 2020

in millions of CHF	IFRS	Global restructuring	Intangibles amortisation	Intangibles impairment	Mergers and acquisitions and alliance transactions	Legal & environmental	Pension plan settlements	Core
Pharmaceuticals								
Sales	44,532	-	-	-	-	-	-	44,532
Royalties and								
other operating income	1,959	-	-	-	-	-	-	1,959
Cost of sales	(9,483)	122	1,210	81	-	-	-	(8,070)
Marketing and distribution	(6,796)	139	24	-	-	-	-	(6,633)
Research and development	(11,421)	75	405	344	-	-	-	(10,597)
General and administration	(1,639)	237	-	-	34	(344)	(2)	(1,714)
Operating profit	17,152	573	1,639	425	34	(344)	(2)	19,477
Diagnostics								
Sales	13,791	-	-	-	-	-	-	13,791
Royalties and								
other operating income	61	-	-	-	-	-	-	61
Cost of sales	(6,694)	103	94	-	-	-	-	(6,497)
Marketing and distribution	(2,776)	39	9	-	-	-	-	(2,728)
Research and development	(1,588)	24	8	-	-	-	-	(1,556)
General and administration	(793)	56	-	247	(25)	8	-	(507)
Operating profit	2,001	222	111	247	(25)	8	-	2,564
Corporate								
General and administration	(610)	114	-	_	-	(9)	-	(505)
Operating profit	(610)	114	-	-	-	(9)	-	(505)

14. Roche Group consolidated balance sheet

in millions of CHF	31 December	31 December	31 December
Non-current assets	2020	2019*	2018
Property, plant and equipment	22,158	22,173	21,818
Right-of-use assets	1,112	1,145	21,010
Goodwill	9,249	10,295	8,948
Intangible assets	12,017	10,751	9,346
Deferred tax assets	5,459	4,979	3,895
Defined benefit plan assets	967	945	877
Other non-current assets	2,234	1,549	1,389
Total non-current assets	53,196	51,837	46,273
Current assets			
Inventories	7,194	6,055	6,621
Accounts receivable	10,154	10,440	9,776
Current income tax assets	149	237	208
Other current assets	3,111	2,664	2,521
Marketable securities	6,607	5,783	6,437
Cash and cash equivalents	5,727	6,075	6,681
Total current assets	32,942	31,254	32,244
Total assets	86,138	83,091	78,517
Non-current liabilities			
Long-term debt	(10,220)	(12,668)	(16,077)
Net deferred tax liabilities	(353)	(298)	(384)
Defined benefit plan liabilities	(7,831)	(7,480)	(7,017)
Provisions	(1,453)	(1,515)	(1,452)
Other non-current liabilities	(1,107)	(1,144)	(188)
Total non-current liabilities	(20,964)	(23,105)	(25,118)
Current liabilities			
Short-term debt	(3,996)	(1,695)	(2,693)
Current income tax liabilities	(3,679)	(3,838)	(3,808)
Provisions	(1,836)	(2,885)	(2,329)
Accounts payable	(4,121)	(3,822)	(3,526)
Other current liabilities	(11,769)	(11,879)	(10,677)
Total current liabilities	(25,401)	(24,119)	(23,033)
Total liabilities	(46,365)	(47,224)	(48,151)
Total net assets	39,773	35,867	30,366
Equity			
Capital and reserves attributable to Roche	26 241	22 747	27.622
shareholders	36,341	32,747	27,622
Equity attributable to non-controlling interests	3,432	3,120	2,744
Total equity	39,773	35,867	30,366

^{*} The balance sheet at 31 December 2019 has been restated following the finalisation of the valuation of the net assets acquired related to the Spark Therapeutics acquisition in 2019.

15. Roche Group consolidated statement of cash flows

in millions of CHF		
in manons of Citi	FY 2020	FY 2019
Cash flows from operating activities		
Cash generated from operations	25,614	26,793
(Increase) decrease in net working capital	(2,060)	149
Payments made for defined benefit plans	(601)	(676)
Utilisation of provisions	(1,390)	(828)
Disposal of products	239	490
Other operating cash flows	-	-
Cash flows from operating activities, before income taxes paid	21,802	25,928
Income taxes paid	(3,236)	(3,543)
Total cash flows from operating activities	18,566	22,385
Cash flows from investing activities		
Purchase of property, plant and equipment	(3,528)	(3,503)
Purchase of intangible assets	(3,162)	(1,393)
Disposal of property, plant and equipment	70	(1,333)
Disposal of intangible assets	70	2
Business combinations	(1,179)	(4,706)
Divestment of subsidiaries		
Interest and dividends received	3	3
Sales of marketable securities	16	69 597
Purchases of marketable securities	353	587
	(169)	(221)
Sales (purchases) of money market instruments and time accounts over three months, net	(1,181)	461
	(200)	(4)
Other investing cash flows	(290)	(4)
Total cash flows from investing activities	(9,067)	(8,634)
Cash flows from financing activities		
Proceeds from issue of bonds and notes	-	-
Proceeds from issue of bonds and notes Redemption and repurchase of bonds and notes	-	(5,414)
	- - 318	(5,414) 858
Redemption and repurchase of bonds and notes	318 341	, ,
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper		858
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries	341	858 153
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements	341	858 153 (137)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries	341	858 153 (137)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests	341	858 153 (137) (21)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection	341 557 - - -	858 153 (137) (21) - 13
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid	341 557 - - - (422)	858 153 (137) (21) - 13 (624)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid	341 557 - - (422) (369) (7,964)	858 153 (137) (21) - 13 (624) (372) (7,682)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid	341 557 - - (422) (369)	858 153 (137) (21) - 13 (624) (372)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid Equity-settled equity compensation plans, net of transactions in own	341 557 - - (422) (369) (7,964)	858 153 (137) (21) - 13 (624) (372) (7,682)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid Equity-settled equity compensation plans, net of transactions in own equity	341 557 - - (422) (369) (7,964) (2,126)	858 153 (137) (21) - 13 (624) (372) (7,682)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid Equity-settled equity compensation plans, net of transactions in own equity Other financing cash flows	341 557 - - (422) (369) (7,964) (2,126) (1)	858 153 (137) (21) - 13 (624) (372) (7,682) (947)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid Equity-settled equity compensation plans, net of transactions in own equity Other financing cash flows Total cash flows from financing activities	341 557 - - (422) (369) (7,964) (2,126) (1) (9,666)	858 153 (137) (21) - 13 (624) (372) (7,682) (947)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid Equity-settled equity compensation plans, net of transactions in own equity Other financing cash flows Total cash flows from financing activities Net effect of currency translation on cash and cash equivalents Increase (decrease) in cash and cash equivalents	341 557 - (422) (369) (7,964) (2,126) (1) (9,666) (181) (348)	858 153 (137) (21) - 13 (624) (372) (7,682) (947) - (14,173) (184) (606)
Redemption and repurchase of bonds and notes Increase (decrease) in commercial paper Increase (decrease) in other debt Hedging and collateral arrangements Changes in ownership interests in subsidiaries Changes in non-controlling interests Equity contribution by non-controlling interests - capital injection Interest paid Principal portion of lease liabilities paid Dividends paid Equity-settled equity compensation plans, net of transactions in own equity Other financing cash flows Total cash flows from financing activities Net effect of currency translation on cash and cash equivalents	341 557 - - (422) (369) (7,964) (2,126) (1) (9,666)	858 153 (137) (21) - 13 (624) (372) (7,682) (947) - (14,173)