

# **CONTENTS**

- **01 2Q20 Financial Performance**
- **O2** Key Updates
- **03 Business Development**



# Earnings Summary Consolidated



# Sales Growth in Biosimilars and Production Efficiency led to Increase in Sales and Operating Profit YoY

Unit: Bn KRW

	2Q20	1Q20	<b>QoQ</b> (%)	2Q19	<b>YoY</b> (%)
Sales	428.8	372.8	+15.0%	235.0	+82.5%
<b>Operating Profit</b>	181.8	120.2	+51.2%	83.4	+118.0%
OP Margin	42.4%	32.2%	+10.2%p	35.5%	+6.9%p



- Solid sales growth of biosimilars resulted in +82.5% YoY
- Maintained stable market share in Europe
- ✓ Penetrating US market centering around oncology



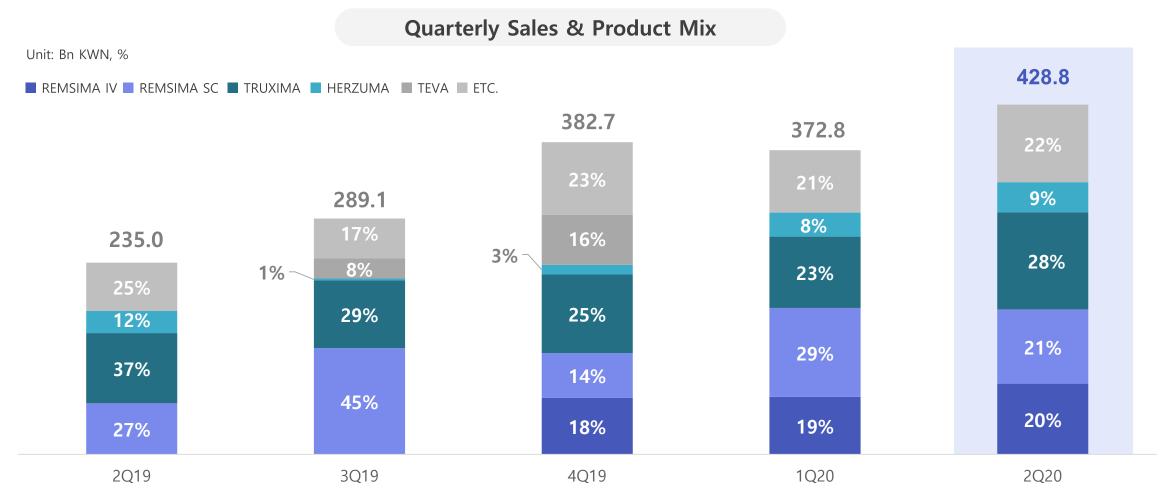
- OP margin increased 118.0% YoY due to production efficiency and etc.
- ✓ Profit growth led by sales increase
- Improvement in production efficiency of Remsima IV and Truxima from operating 1st plant's extended line led to gross-profit ratio increase of +6.2% QoQ
- Reduction in marketing and sales expenses such as R&D expenses and advertisement

# Product Portfolio Consolidated



### Sales Mix

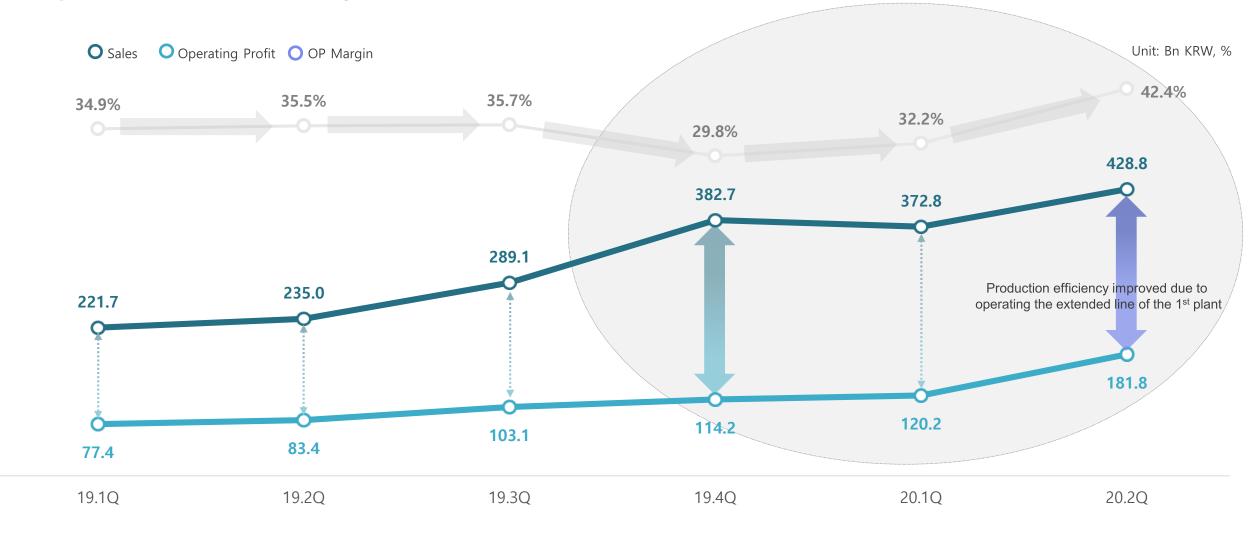
O Whilst balanced growth throughout the portfolio, Truxima's sales share increased with its dramatic M/S pick up in the US



# Balance Sheet consolidated



Improvement in Quarterly Sales Continued



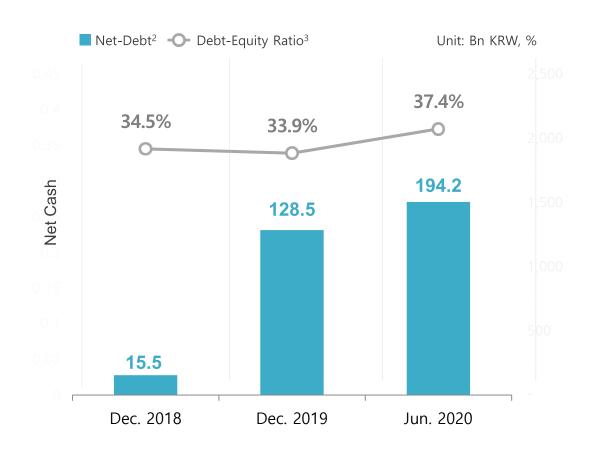
# Balance Sheet consolidated



Unit: Mn KRW

# Continuous Improvement in Financial Stability

O Cash reserves increased, stable debt to equity ratio maintained



	Jun. 2020	Dec. 2019
Total Assets	4,349,748	3,893,691
<ul> <li>Current Assets</li> </ul>	2,182,116	1,787,340
- Cashable Assets <sup>1</sup>	726,537	627,819
<ul> <li>Non-Current Assets</li> </ul>	2,167,632	2,106,351
Total Liabilities	1,184,288	986,733
• Current Liabilities	826,643	657,226
• Non-Current Liabilities	357,645	329,507
※Borrowings  (Long & Short term)	532,373	499,331
Shareholder's Equity	3,165,460	2,906,958
- Capital Stock	134,939	128,338
- Retained Earnings	2,233,561	1,996,891

# Income Statement Summary 2Q20 Consolidated



Unit: Mn KRW

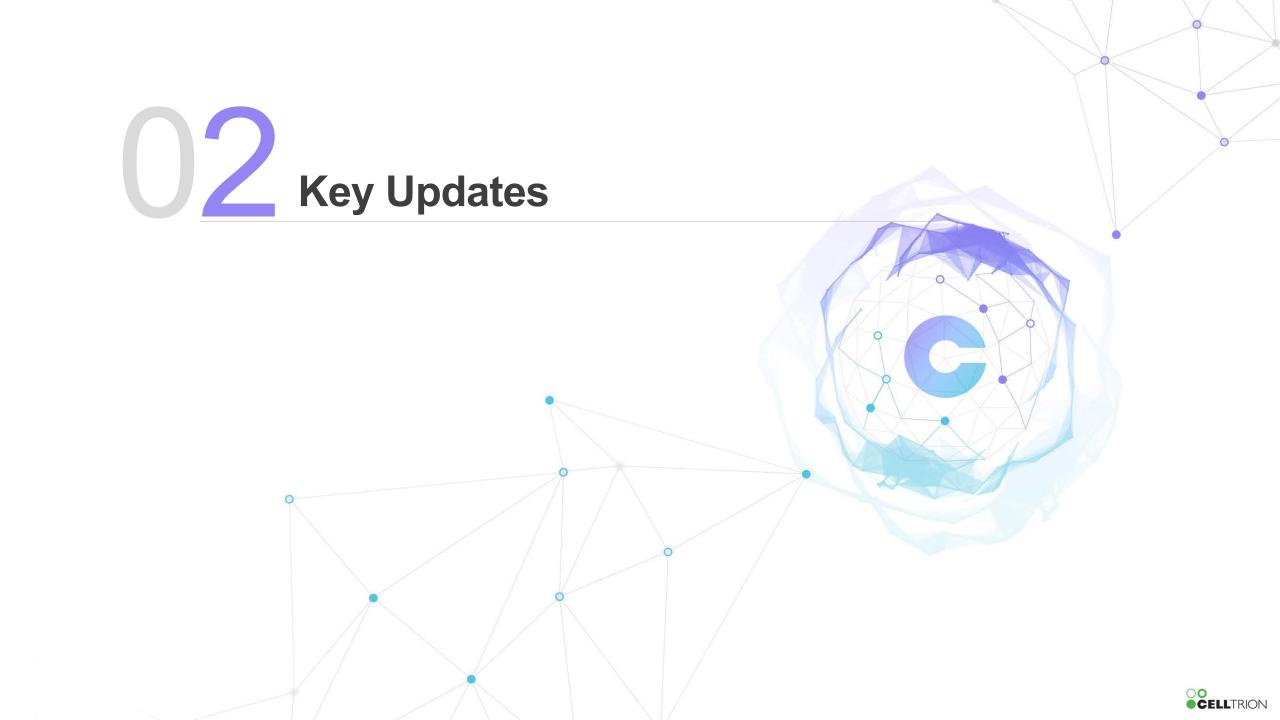
	Quaterly				
	2Q20	1Q20	2Q19	QoQ	YoY
Sales	428,799	372,847	234,975	15.0%	82.5%
COGS	189,099	187,478	93,538	0.9%	102.2%
Gross profit	239,700	185,369	141,437	29.3%	69.5%
(GP Margin)	55.9%	49.7%	60.2%	6.2%p	-4.3%p
SG&A	57,858	65,128	58,075	-11.2%	-0.4%
(R&D Expenses)	(28,328)	(34,013)	(21,804)	-16.7%	29.9%
Operating Profit	181,842	120,241	83,362	51.2%	118.1%
(OP Margin)	42.4%	32.2%	35.5%	10.2%p	6.9%p
Other Non-operating Profit/Loss	-1,774	16,077	822	-	-
Financial Income/Loss	-2,599	5,102	976	-	_
Profit before Income Tax	180,588	138,432	85,707	30.5%	110.7%
Net Profit	138,608	105,292	78,291	31.6%	77.0%
(NP Margin)	32.3%	28.2%	33.3%	4.1%p	-1.0%p

# Income Statement Summary 2Q20 Non - Consolidated



Unit: Mn KRW

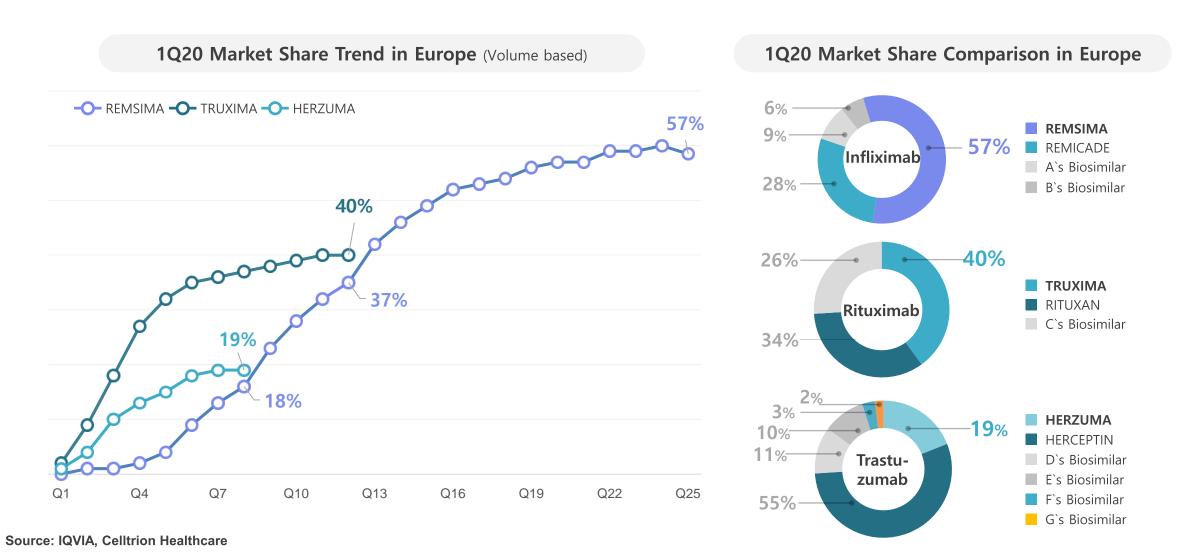
					Offic. Will KICV
	Quarterly				
	2Q20	1Q20	2Q19	QoQ	YoY
Sales	404,274	345,694	196,824	16.9%	105.4%
COGS	168,609	167,383	72,971	0.7%	131.1%
Gross profit	235,665	178,312	123,854	32.2%	90.3%
(GP Margin)	58.3%	51.6%	62.9%	6.7%p	-4.6%p
SG&A	46,146	52,105	45,246	-11.4%	2.0%
(R&D Expenses)	(26,962)	(33,964)	(20,883)	-20.6%	29.1%
Operating Profit	189,518	126,206	78,608	50.2%	141.1%
(OP Margin)	46.9%	36.5%	39.9%	10.4%p	7.0%p
Other Non-operating Profit/Loss	-1,736	16,163	1,372	-	-
Financial Income/Loss	-1,658	6,335	2,191	-	-
Profit before Income Tax	186,125	148,705	82,172	25.2%	126.5%
Net Profit	143,507	113,627	75,547	26.3%	90.0%
(NP Margin)	35.5%	32.9%	38.4%	2.6%p	-2.9%p



# **Market Share in Europe**



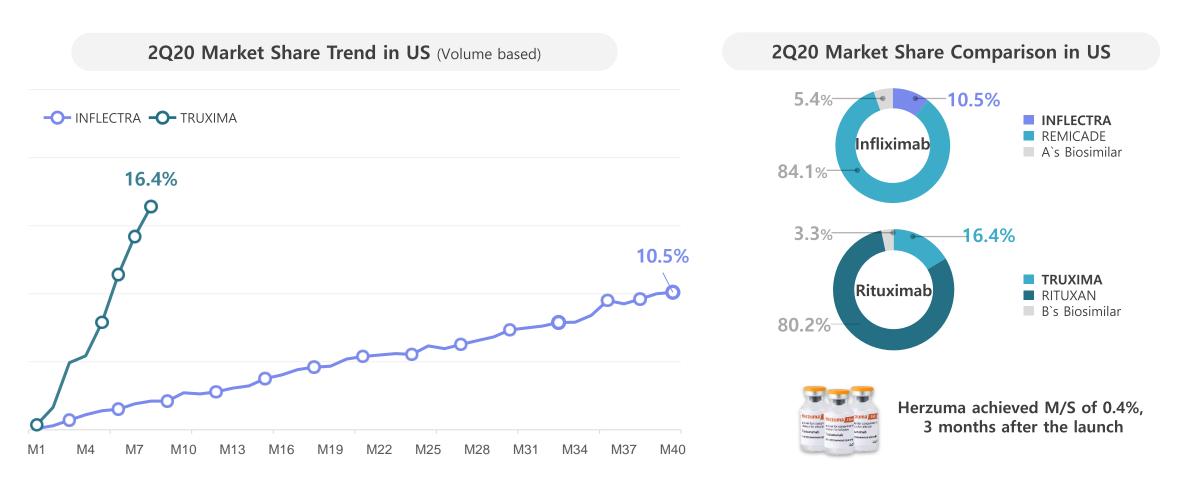
### Stable Market Share Maintained



# Market Share in US



- US Sales Expansion
  - Truxima reached M/S of 16.4% only in 8 months after the launch(Nov.2019)



Source: Symphony Healthcare

# **Biosimilar Development Status**



Expected to complete approval of more than one product every year by 2030

# Approved and Commercialized In Trials CT-P17 (Adalimumab) CT-P16 (Bevacizumab) CT-P39 (Omalizumab) CT-P43 (Ustekinumab)

(Unit: Bn \$)

Product Name	Reference Drug	Originator	Indications	Global Market Size	US	EU
REMSIMA SC (CT-P13 SC)	-	Celltrion	Autoimmune Disease	46.8 <sup>1)</sup>	In Phase 3	All Additional Indications Approved (Jul.2020, Pediatric usage non-included)
CT-P17	HUMIRA (Adalimumab)	AbbVie	Autoimmune Disease	26.5	<b>Preparing Approval Application</b>	Application Submitted (Mar. 2020)
CT-P16	AVASTIN (Bevacizumab)	Roche	Colorectal Cancer, Etc.	6.4	In Global Clinical Phase 3  (Aiming for patient recruitment and clinical trials to be completed in 3Q20 and 1H21, respectively)	
CT-P39	XOLAIR (Omalizumab)	Genentech	Allergic Asthma, CIU	3.1	Global Clinical Phase 3 Initiated (July. 2020~)	
CT-P43	STELARA (Ustekinumab)	181	Autoimmune Disease	8.7	Global Clinical Phase 1 Initiated (June. 2020~)	

<sup>1)</sup> Combined TNF- $\alpha$  Blocker sales in 2019 (Infliximab, Adalimumab, Etanercept)

- Global market size is based on annual sales in 2019 (source: IQVIA Analytics Link)
- Addition to the ones listed above, 17 biosimilars are in cell-line and process development (7 immunology, 6 oncology, 4 other)



# Novel Pipeline: CT-P43 Clinical Phase 1 Initiated (STELARA BIOSIMILAR)

CELLTRION

Commercialized/in development blockbuster biosimilar

Ranking	<b>Product Name</b>	Sales(Bn \$)
1	HUMIRA	26.5
7	STELARA	8.7
	•	
12	REMICADE	6.8
13	AVASTIN	6.4
14	MABTHERA	5.8
19	HERCEPTIN	5.4
	•	
49	XOLAIR	3.1
	•	



### **Indications**

PsO 58%

PsA 28%

CD 14%



### **Marketability**

- Global sales grew with a CAGR of 33% during the recent 5 years
- Ranked No.1 in Psoriasis sales
- Growth driver gained from adding CD, UC indications in 2016



### **Development Strategies**

- Rapid development (First Mover among Biosimilar Big Players)
- Expected to finish development before the expiration of molecule patent by 2023 (Europe: expiration in 2024)
- Expect synergies applied by the previous development and sales know-hows on autoimmune products such as Remsima and Humira
- Extending pipeline ) to 2nd line treatment from the autoimmune 1st line(TNF-a blocker

# Novel Pipeline: CT-P39 Clinical Phase 3 Initiated(XOLAIR BIOSIMIILAR)



Commercialized/in development blockbuster biosimilar

Ranking	Product Name	Sales(Bn \$)
1	HUMIRA	26.5
7	STELARA	8.7
12	REMICADE	6.8
13	AVASTIN	6.4
14	MABTHERA	5.8
19	HERCEPTIN	5.4
49	XOLAIR	3.1
	•	



### **Indications**

Allergic Asthma 68%

**CIU 31%** 



### **Marketability**

- Global sales grew with a CAGR of 16% during the recent 5 years
- Ranked No.1 in Allergic Asthma and CIU sales
- Growth driver gained from adding Pollen Allergy(Japan) and Chronic Sinusitis indications in 2019 and 2020 respectively



### **Development Strategies**

- Rapid development (First Mover among Biosimilar Big Players)
- Expected to finish development before the expiration of molecule patent in Europe by 2024 (US: expiration in 2025)
- Expecting reduction in R&D expenses from optimizing clinical design

# **Business Status: Global Chemical**



Accelerating global chemical business in pursuit of a global pharmaceutical company

### **Takeda Acquirement**

12 ETC in Hypertension and Diabetes + 6 OTC







- From the acquisition contract in June 2020, diabetes and hypertension drugs to be added in the portfolio along with business expansion to the APAC\* region
- Acquired assets created sales of 160.5bn KRW and 20% EBIT margin in FY2019
- Plan to expand mid-to-long term growth potential by eveloping advanced drugs based on Edarbi and Nesina's patent
- · Korea, Thailand, Taiwan, Hong Kong, Macao, Malaysia, Philippines, Singapore, Australia

### **In-house Development**

# Expanding Portfolio Targeting US and International Procurement Market



- 2 products approved in 2020
- ✓ Epilepsy treatment, CT-G04(Generic), approved in US
- ✓ HIV treatment, CT-G07(modified), approved in US and international procurement contract signed



- Novel, modified, and generics for various diseases are under development
- Additional candidates are under planning



 Sales right and licensure purchased continuously for rapid and efficient portfolio expansion

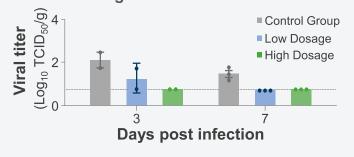
# **Development Status: COVID 19 TREATMENT**





### Pre-Clinical Trials Result (Ferret/Hamster)

 Virus titer decreased significantly in both high and row dosage



Confirmed definite decrease of lung inflammation in dosing group



**Control Group** 



**Dosing Group** 

### **Clinical Design**

### **Healthy subjects**

To evaluate safety with 32 healthy subjects

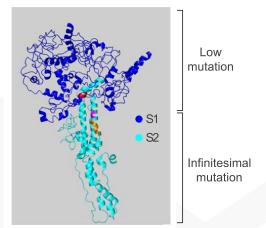
### Mild patients

- To evaluate safety and efficacy with 18 mild COVID19 patients
- 3 domestic and 3 UK institutions progress simultaneously

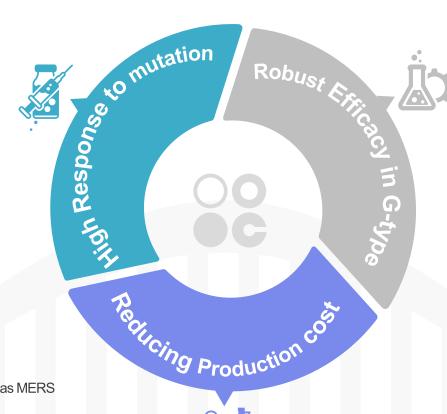
# **COVID 19 Treatment Competencies**



- Neutralizes by binding to S1 protein
- Neutralization demonstrated in the mutated viruses
- Planning to develop super-antibody, targeting S2 protein



\* S2 part maintains similar amino acid sequence in COVID 19 like the other SARS-COV-2 virus such as MERS



Higher neutralization confirmed in G-type virus that is high in spreadability

\*G-type accounts for 70% of the confirmed cases in Europe and US, and holds spreadability 6 times faster than the other mutants

- Able to achieve high titer and production yield from the experience in Influenza and MERS antibody development

