

FY2020 Q1 Financial Results Presentation

DAIICHI SANKYO CO., LTD.

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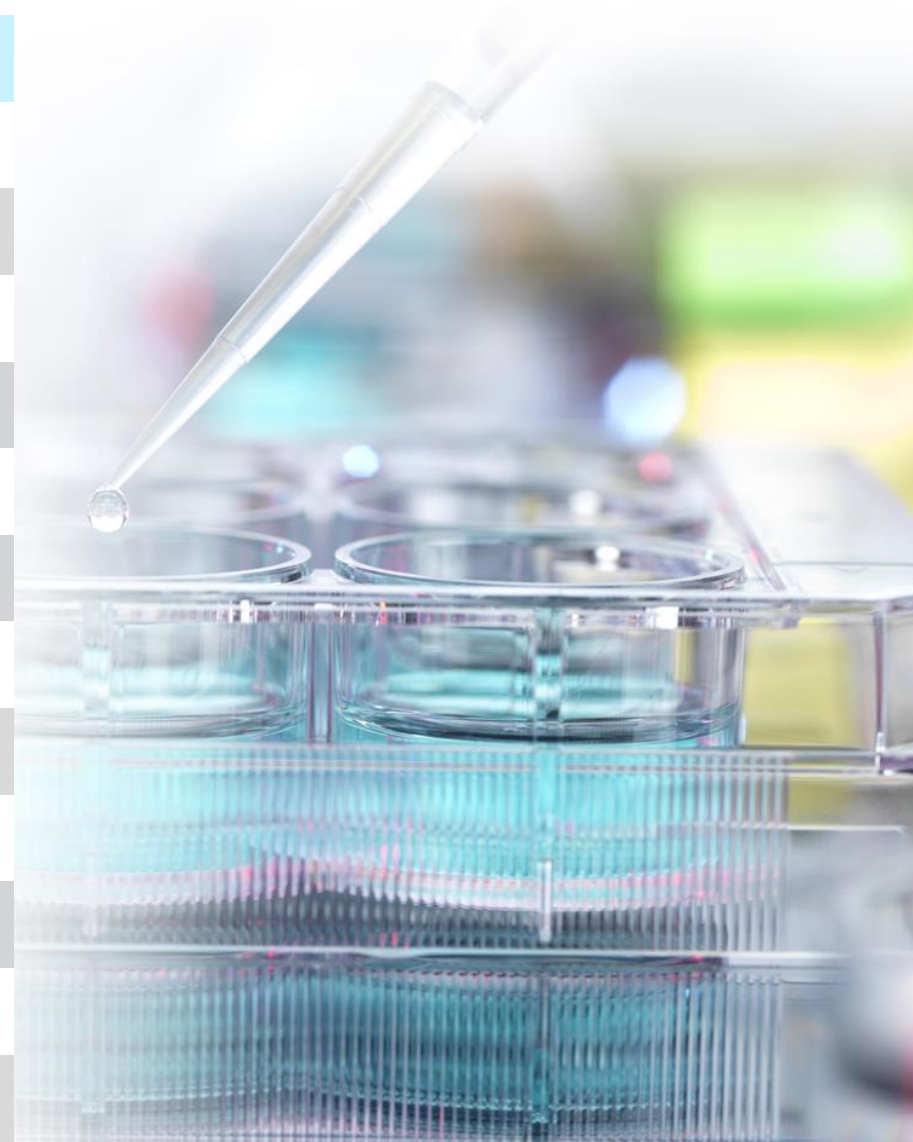
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Agenda

- 1 **Actions Against COVID-19**
- 2 DS-1062 Strategic Collaboration
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- 4 FY2020 Forecast
- 5 Business Update
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Update on Actions Against COVID-19

Manufacturing, Supply of COVID-19 Vaccines

◆ Vaccine being developed by AstraZeneca and Oxford University

- Entered the agreement to proceed with discussions for supply in Japan
- Daiichi Sankyo Biotech plans to receive undiluted solution from AstraZeneca and carry out formulation procedures (vial filling, packaging, and storage)

Development of COVID-19 Vaccines and Therapeutics

◆ Genetic (mRNA) vaccination (DS-5670)

- Participating in fundamental research supported by AMED^{*1} and taking part in development of genetic (mRNA) vaccine using Daiichi Sankyo's original novel nucleic acid delivery technology^{*2}
- Confirmed an increase in antibody titers in animal experiments
- Clinical studies planned to be initiated around March 2021

◆ Nafamostat^{*3} inhalation formulation (DS-2319)

- Collaborative R&D with the University of Tokyo, RIKEN, Nichi-Iko Pharmaceutical Co., Ltd for the treatment of COVID-19
- Daiichi Sankyo plans to carry out formulation research, non-clinical studies and clinical development using technology gained through the development of Inavir
- Formulation research and non-clinical studies initiated; plan to proceed to clinical studies by March 2021

^{*1} "Fundamental Research on the Control of a Novel Coronavirus (2019-nCoV), which is an initiative supported by the Japan Agency for Medical Research and Development (AMED). (Principal investigator: Prof. Yoshiro Kawaoka, Institute of Medical Sciences, The University of Tokyo)

^{*2} Technology focusing on forming lipid nanoparticle structures, stabilizing pharmaceutical active ingredients and delivering nucleic acids into immune cells. Compared to conventional vaccine technology, it has been demonstrated to induce a more optimal immune response

^{*3} A treatment for acute pancreatitis and disseminated intravascular coagulation (injectable)

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DS-1062 Strategic Collaboration

- ◆ **Co-development and co-commercialization of DS-1062 with AstraZeneca**
 - **Maximize the value of DS-1062 by accelerating and expanding development**
 - Allocate resource rapidly with flexibility to DXd-ADC/Alpha portfolio

Development

- ◆ **Co-development** as monotherapy and combination therapy
 -  Lung Cancer
 -  Breast Cancer
 -  Other cancers
- ◆ **Equally share development costs**
- ◆ Combination studies with other companies' products possible

Commercial

- ◆ **Commercial activities**
 - **Global (excluding Japan)**
The companies will **co-promote** and **share profits**
 - **Japan**
Daiichi Sankyo will **solely commercialize** and **pay royalty** to AstraZeneca
- ◆ **Sales booking**
 - **Daiichi Sankyo**
Japan, US, certain countries in Europe and other markets with subsidiaries
 - **AstraZeneca**
All other markets including China, Australia, Canada and Russia

Financial Terms

- ◆ Up to **US\$ 6.0 Bn (660.0 Bn JPY*) in total**
 - Upfront payment
US\$ 1.0 Bn (110.0 Bn JPY*)
 - Regulatory milestones (max.)
US\$ 1.0 Bn (110.0 Bn JPY*)
 - Sales-related milestones (max.)
US\$ 4.0 Bn (440.0 Bn JPY*)
- ◆ **Revenue booking**
 - **Upfront payment, Regulatory milestones**
Deferred and will be **booked considering the exclusivity period**
 - **Sales-related milestones booked in the year of achievement**

Manufacturing

- ◆ Daiichi Sankyo will manufacture DS-1062



* US\$1 = 110 JPY

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Overview of FY2020 Q1 Results

(Bn JPY)

	FY2019 Q1 Results	FY2020 Q1 Results	YoY
Revenue	249.2	236.9	<div>-4.9%</div> -12.3
Cost of sales	87.9	82.2	-5.7
SG&A expenses	63.2	71.8	8.6
R&D expenses	41.2	48.8	7.6
Operating Profit	57.0	34.1	<div>-40.1%</div> -22.9
Profit before tax	57.1	41.4	-15.7
Profit attributable to owners of the Company	43.3	31.9	<div>-26.5%</div> -11.5

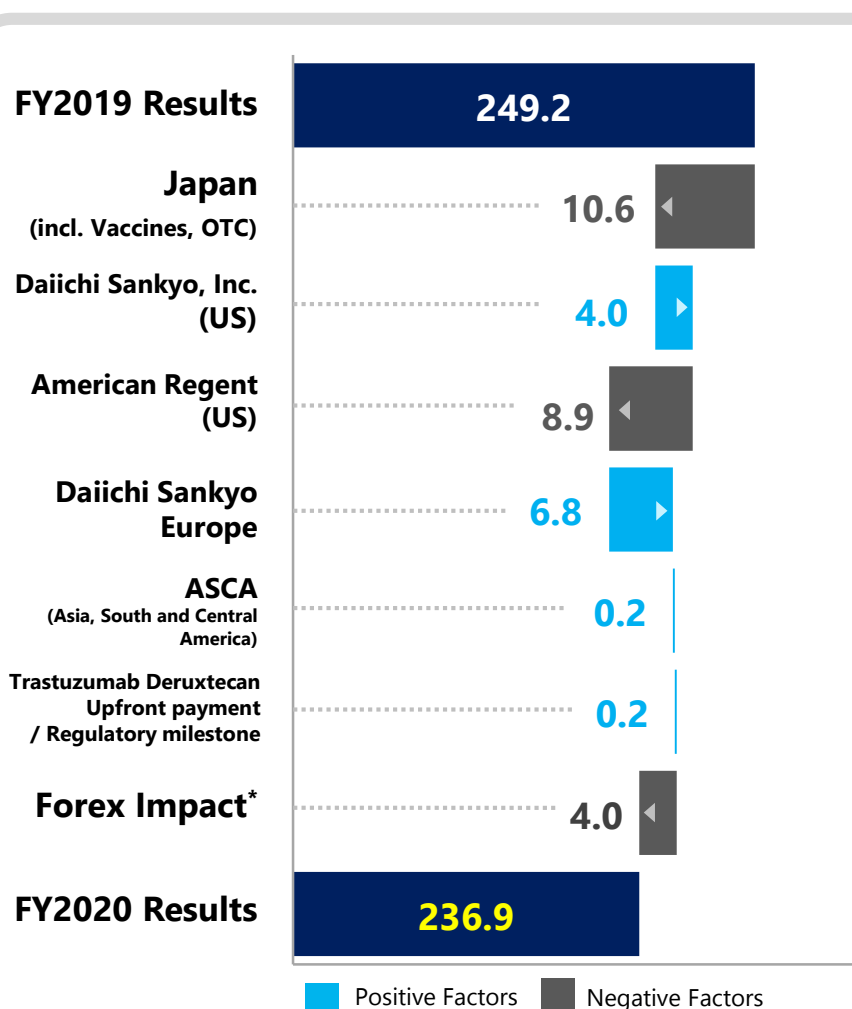
Currency	USD/JPY	109.90	107.62	-2.28
Rate	EUR/JPY	123.49	118.47	-5.02

Impact of COVID-19

- ◆ Decrease in sales of American Regent's injectable iron products and Daiichi Sankyo Healthcare products
- ◆ Decrease in expenses due to restrictions on sales promotion activities

Revenue

Decreased by 12.3 Bn JPY (Decreased by 8.3 Bn JPY excl. forex impact)



(Bn JPY)

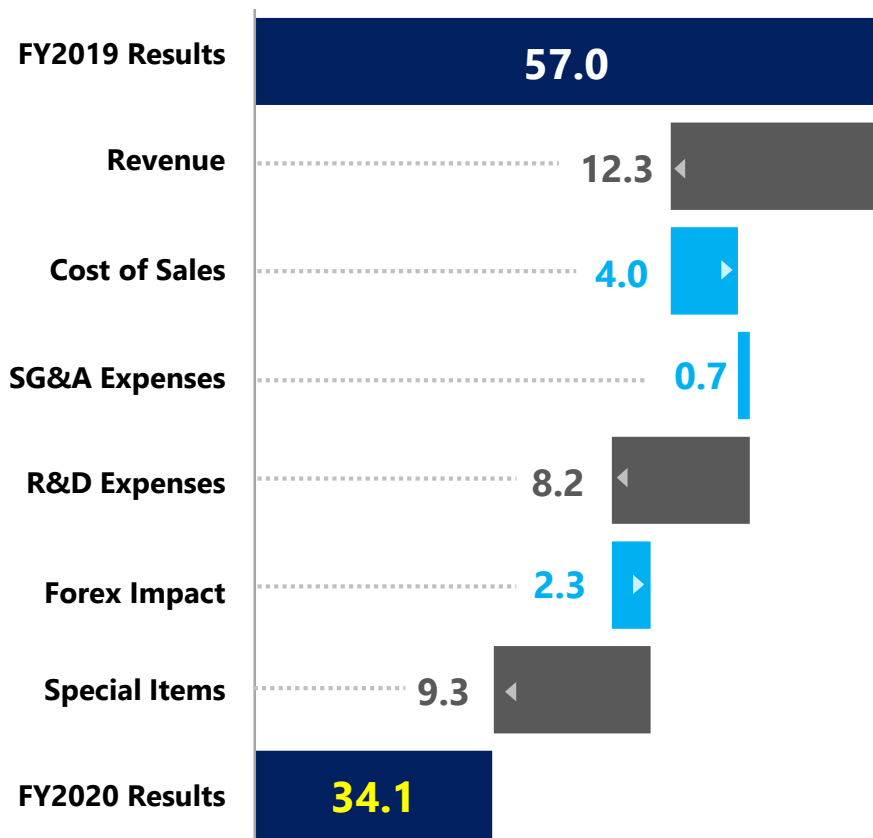
Positive Factors		Negative Factors	
Japan			
Tarlige	+2.3	Nexium	-2.0
		Lixiana	-1.8
		Memary	-1.0
		Vaccines business	-6.0
		ActHIB	
		Daiichi Sankyo Healthcare	-1.1
		Lulu	
Daiichi Sankyo, Inc. (US)			
Enhertu	+5.0		
American Regent, Inc. (US)			
		Injectafer	-4.1
		Venofer	-2.2
		GE injectables	-2.4
Daiichi Sankyo Europe			
Lixiana	+3.6		
Gain on sales of transferring long-listed products	+4.3		

* Forex impact USD: -0.8, EUR : -1.2, ASCA: -2.0

Operating Profit

Decreased by 22.9 Bn JPY (Decreased by 12.0 Bn JPY excl. forex impact and special items)

(Bn JPY)



Positive Factors Negative Factors

Revenue -12.3

incl. forex impact of -40.0

Cost of Sales -4.0 (Profit increased)

Decrease by revenue decrease

SG&A Expenses -0.7 (Profit increased)

- Increase in Enhertu related expenses (sales promotion expenses and profit share with AstraZeneca)
- Decrease due to restrictions on sales promotion activities associated with COVID-19

R&D Expenses +8.2 (Profit decreased)

- Increase in 3 ADCs R&D investments
- Increase due to oncology development structure enhancement
- Decrease due to increase in trastuzumab deruxtecan cost share with AstraZeneca

Forex Impact -2.3 (Profit increased)

Cost of Sales -0.4

SG&A Expenses -1.3

R&D Expenses -0.6

Special Items +9.3 (Profit decreased)

See next slide for details

Special Items

(Bn JPY)

	FY2019 Q1 Results	FY2020 Q1 Results	YoY
Cost of sales	Restructuring costs in SC 1.3	-	-1.3
SG&A expenses	Gain on sales of fixed assets* -10.6	-	10.6
R&D expenses	-	-	-
Total	-9.3	-	9.3

- : Cost decreased items

* Nihonbashi Building

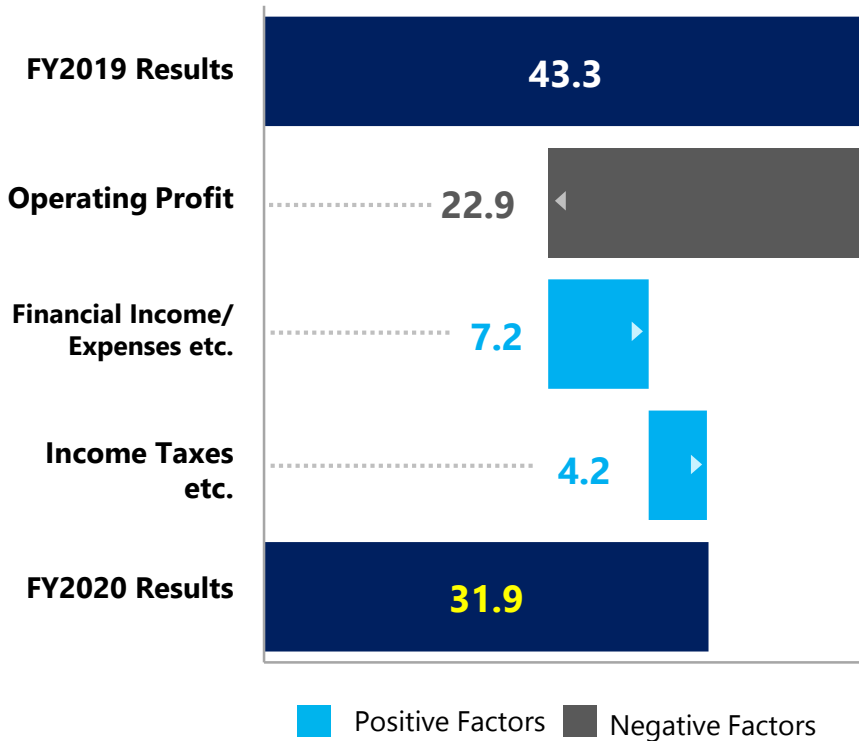
Special items :

Items having a transitory and material impact on operating profit are defined as "Special items".

Specifically, gains and losses related to: sale of fixed assets, restructuring, impairment, litigation, etc. amounting to 1 billion JPY or more are defined as "Special items".

Profit Attributable to Owners of the Company

Decreased by 11.5 Bn JPY



(Bn JPY)

Financial Income/ Expenses etc. **-7.2 (Profit increased)**

- Recognition of financial income due to decrease in contingent consideration of quizartinib acquisition **-4.7**
- Improvement in forex gains/losses **-3.2**

Income Taxes etc. **-4.2 (Profit increased)**

	FY2019 Q1 Results	FY2020 Q1 Results	YoY
Profit before Tax	57.1	41.4	-15.7
Income Taxes etc.	13.7	9.6	-4.2
Tax rate	24.1%	23.1%	-1.0%

Revenue: Major Business Units (incl. Forex Impact)

(Bn JPY)

	FY2019 Q1 Results	FY2020 Q1 Results	YoY
Japan	139.0	130.2	-8.8
Daiichi Sankyo Healthcare	15.4	14.3	-1.1
Daiichi Sankyo, Inc.	7.8	11.6	+3.7
Enhertu	-	5.0	+5.0
Olmesartan	3.1	3.7	+0.6
Welchol	2.6	0.6	-2.0
American Regent, Inc.	36.0	26.5	-9.5
Injectafer	13.7	9.4	-4.3
Venofer	9.3	6.9	-2.4
GE injectables	11.1	8.5	-2.6
Daiichi Sankyo Europe	22.1	27.7	+5.6
Lixiana	13.5	16.4	+2.9
Olmesartan	6.4	5.2	-1.1
Efient	0.8	0.3	-0.5
ASCA (Asia, South and Central America)	24.3	22.5	-1.8

Currency	USD/JPY	109.90	107.62	-2.28
Rate	EUR/JPY	123.49	118.47	-5.02

Revenue: Major Products in Japan

(Bn JPY)

		FY2019 Q1 Results	FY2020 Q1 Results	YoY
Nexium	ulcer treatment	21.9	19.9	-2.0
Lixiana	anticoagulant	21.6	19.8	-1.8
Pralia	treatment for osteoporosis/ inhibitor of the progression of bone	8.2	8.7	+0.5
Memary	Alzheimer's disease treatment	13.7	12.8	-1.0
Tenelia	type 2 diabetes mellitus treatment	6.9	6.6	-0.3
Loxonin	anti-inflammatory analgesic	7.8	6.2	-1.6
Ranmark	treatment for bone complications caused by bone metastases from	4.7	5.0	+0.3
Inavir	anti-influenza agent	0.0	0.6	+0.6
Tarlige	pain treatment	2.0	4.3	+2.3
Canalia	type 2 diabetes mellitus treatment	3.2	3.9	+0.8
Vimpat	anti-epileptic agent	2.7	3.8	+1.1
Efient	antiplatelet agent	3.8	3.8	-0.0
Rezaltas	antihypertensive agent	4.2	3.6	-0.5
Olmotec	antihypertensive agent	3.5	2.7	-0.8
Enhertu	anti-cancer agent (anti-HER2 antibody drug conjugate)	-	0.2	+0.2

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FY2020 Consolidated Forecast Update

◆ No revision to the forecast announced in April 2020

- No significant change on COVID-19 impact compared to the expectations announced in April
- Impact of DS-1062 strategic collaboration is anticipated to be limited

(Bn JPY)

	FY2020 Forecast
Revenue	970.0
Cost of sales	337.0
SG&A expenses	325.0
R&D expenses	228.0
Operating Profit	80.0

Impact of COVID-19

- ◆ The impact is not reflected in the forecast as it is difficult to forecast precisely at this point
- ◆ Assuming that global activity restrictions continue until the fourth quarter, the expectations are as follows
 - Negative impact on sales revenue of 2-4% (approx. 20.0-40.0 Bn JPY)
 - Expenses expected to be restrained due to an impact on business activities
 - Minor impact on operating income

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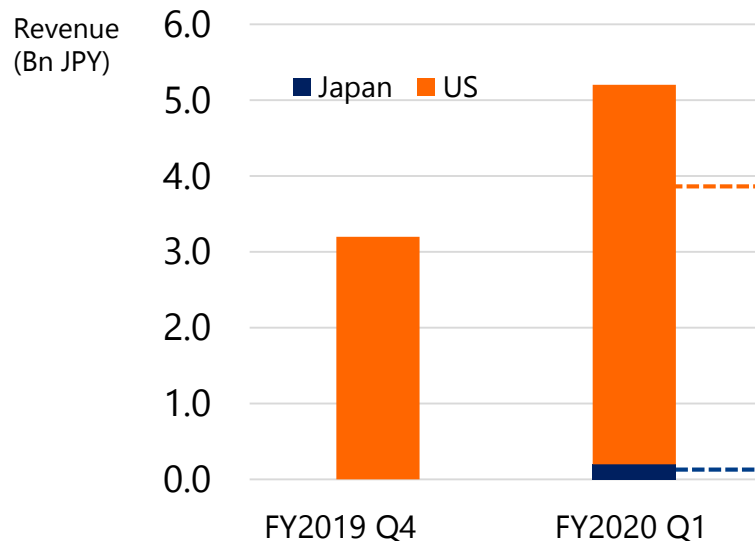


ENHERTU: Performance in US and Japan

◆ Strong market penetration

➤ FY2020 Q1 revenue results

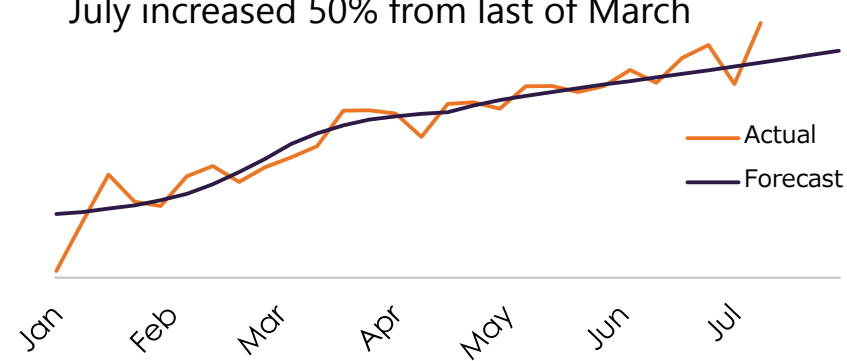
US: **5.0 Bn JPY** (FY2019 Q4 revenue was **3.2 Bn JPY**) **Japan: 0.2 Bn JPY**



Japan

- Launched in May 2020
- Providing product information with the highest priority on safety
- ENHERTU delivered only to medical institutions that meet doctor and facility requirements

US

- Total number of unique outlets purchasing ENHERTU since launch is approx. 1,300, and number of repeat outlets is approx. 1,000
 - Encouraging increase for demand units
 - ✓ ENHERTU demand units shipped to account in July increased 50% from last of March
- 
- | Month | Actual (Units) | Forecast (Units) |
|-------|----------------|------------------|
| Jan | ~0.5 | ~0.5 |
| Feb | ~0.8 | ~0.6 |
| Mar | ~1.2 | ~0.8 |
| Apr | ~1.5 | ~1.0 |
| May | ~1.8 | ~1.2 |
| Jun | ~2.2 | ~1.4 |
| Jul | ~2.8 | ~1.6 |
- Increasing new patient share
 - ✓ Around 40% share for new patients in HER2+ breast cancer 3L setting (FY2020 Q1)

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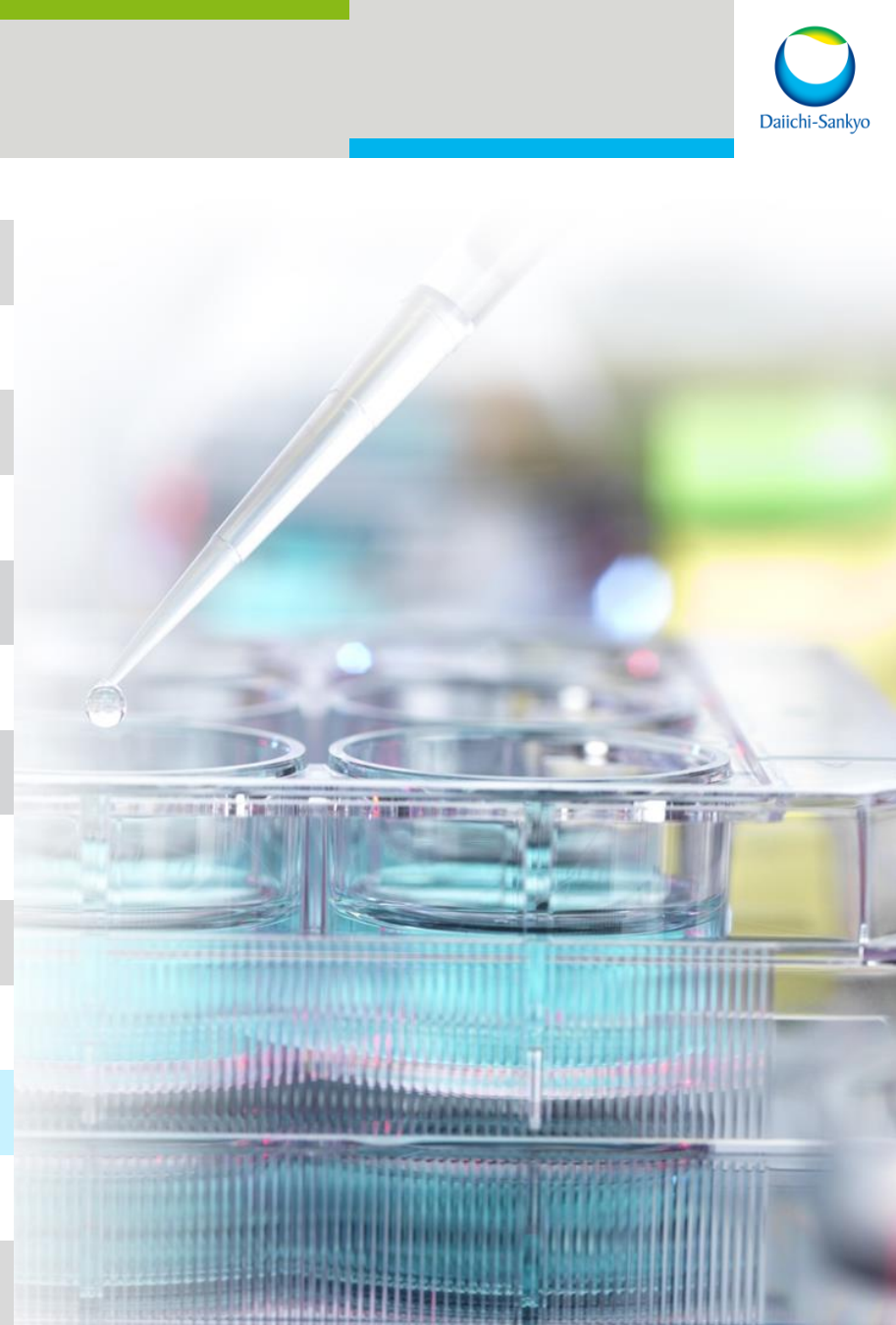
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3 ADC Update

News flow

DS-8201: Clinical Development Plan

As of July 2020



	FY2020	FY2021	Under Discussion
Breast HER2+	DESTINY-Breast02 (3L)		◆ Ph3 adjuvant
	DESTINY-Breast03 (2L)		
	Ph 1/2 combo (3L~)		
	DESTINY-Breast05 (post neo-adjuvant)		
	Ph 3 1L mono/combo		
	Neo-adjuvant		
Breast HER2 Low	DESTINY-Breast04 (3L)		◆ Ph3 post neo-adjuvant ◆ Ph3 neo-adjuvant
	BEGONIA (durvalumab combo, TNBC)		
	Ph1 combo (3L)		
	Ph3 2L mono (chemo naive)		
	Ph3 1L mono (high risk)		
Gastric	DESTINY-Gastric02 (2L)		◆ Ph3 HER2+ 1L
	DESTINY-Gastric03 (2L~/1L)		
	Ph3 HER2+ 2L		

Study initiation points for FY2020 H1 are shown on quarterly basis.
 Study initiation points for FY2020 H2 are all shown as beginning of H2
 Study initiation points for FY2021 are all shown as beginning of FY2021.

Will be mentioned today

Ph 3 ongoing

Ph 2 ongoing

Ph 1 ongoing

New

DS-8201: Clinical Development Plan

As of July 2020



	FY2020	FY2021	Under Discussion
NSCLC	DESTINY-Lung01 (2L)		◆ Ph3 stage III combo
	HUDSON (durvalumab combo)		
	Ph2 HER2 mutation 2L		
	Ph1 HER2+ combo		
	Ph3 HER2+ 2L		
	Ph3 HER2+ 1L combo		
CRC	DESTINY-CRC01 (3L)		◆ Ph3 2L combo ◆ Ph3 1L combo ◆ Ph3 adjuvant combo
	Ph2 3L mono		
	Ph1/2 3L combo		
Others	Nivolumab combo (BC, bladder cancer)		◆ Ph2 ovarian mono/combo
	Pembrolizumab combo (BC, NSCLC)		
	DESTINY-PanTumor02 (Ph2 HER2+ tumor agnostic)		
	Ph2 HER2 mutation tumor agnostic		

Study initiation points for FY2020 H2 are all shown as beginning of H2
Study initiation points for FY2021 are all shown as beginning of FY2021.



Will be mentioned today

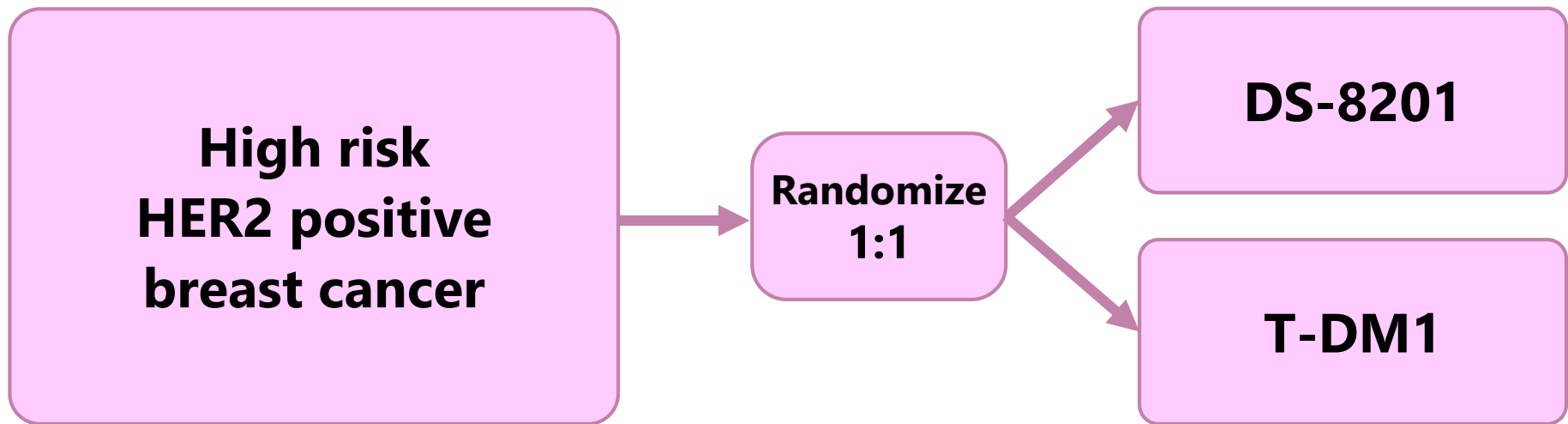
Ph 3 ongoing

Ph 2 ongoing

Ph 1 ongoing

New

- ◆ **DS-8201 vs. T-DM1 in patients with high-risk recurrence of HER2 positive breast cancer who have residual invasive disease following neoadjuvant therapy**

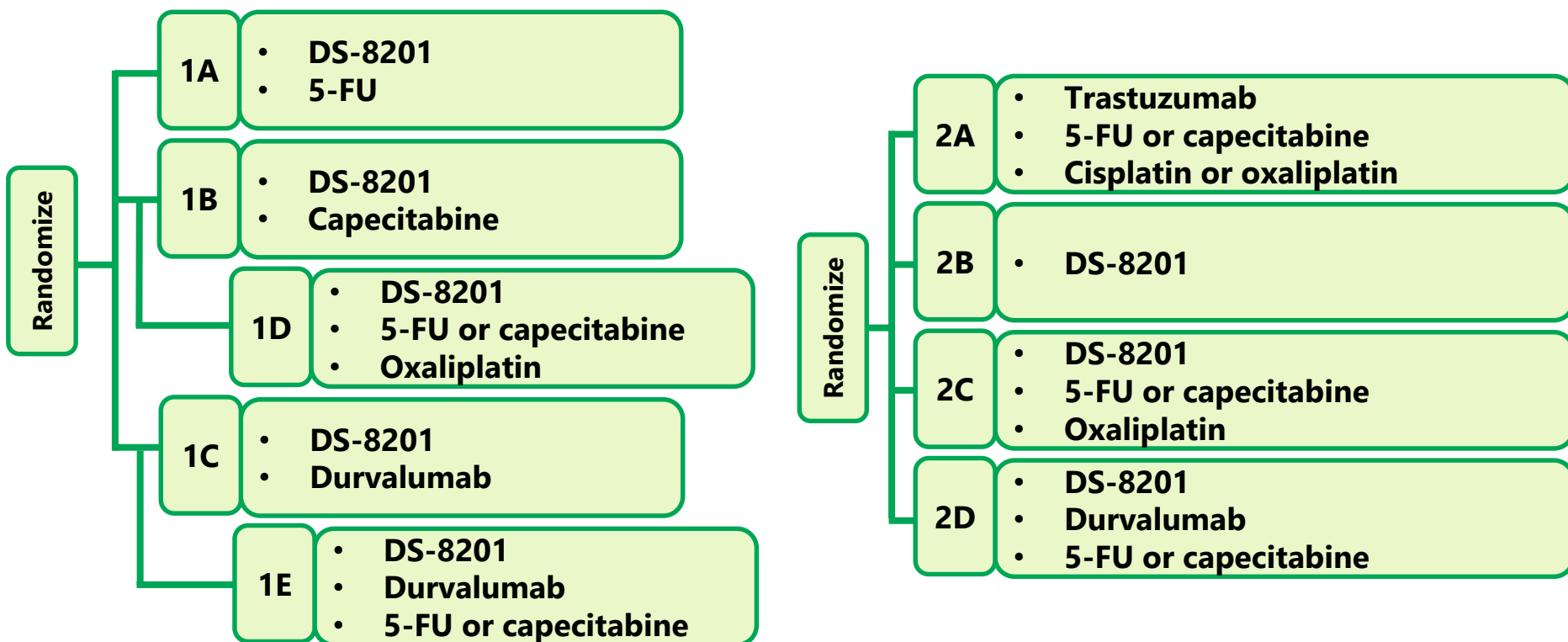


- ◆ Endpoints: IDFS as well as other endpoints
- ◆ Study start: FY2020 H2 planned

DS-8201: DESTINY-Gastric03 Study

◆ HER2 positive gastric cancer, 2L or later / 1L phase 1/2 study

Part 1: dose escalation, HER2+ GC **2L or later** Part 2: dose expansion, HER2+ GC **1L**



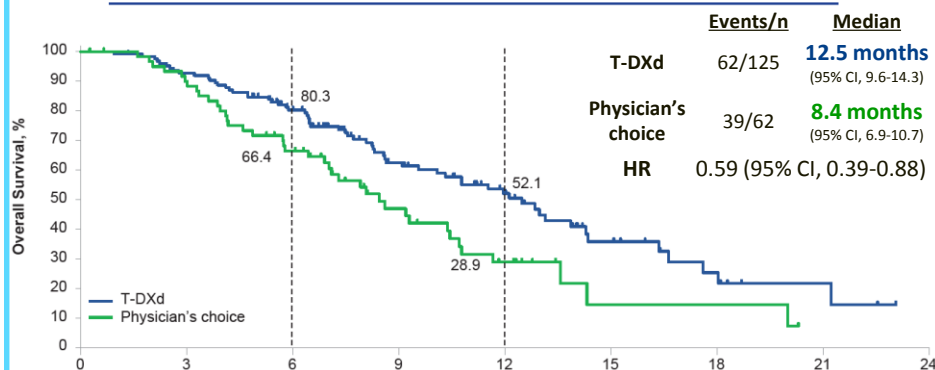
◆ Primary endpoint: ORR, safety

◆ Study started in June 2020

DS-8201: Gastric (DESTINY-Gastric01 Study)

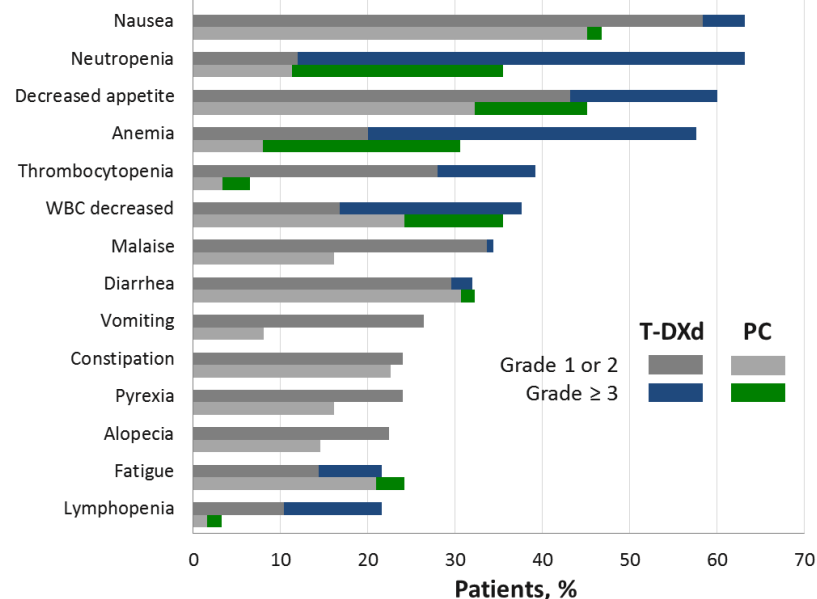
◆ Efficacy

	T-DXd (n = 119)	PC (n = 56)
ORR by ICR (CR + PR)	51.3% (n = 61) 95% CI, 41.9-60.5; $P < .0001$	14.3% (n = 8) 95% CI, 6.4-26.2
Confirmed ORR by ICR (CR + PR)	42.9% (n = 51) 95% CI, 33.8-52.3	12.5% (n = 7) 95% CI, 5.2-24.1
CR	8.4% (n = 10)	0
PR	34.5% (n = 41)	12.5% (n = 7)
SD	42.9% (n = 51)	50.0% (n = 28)
PD	11.8% (n = 14)	30.4% (n = 17)
Not evaluable	2.5% (n = 3)	7.1% (n = 4)
Confirmed DCR (CR + PR + SD)	85.7% (n = 102) 95% CI, 78.1-91.5	62.5% (n = 35) 95% CI, 48.5-75.1
Median confirmed DOR	11.3 months 95% CI, 5.6-NE	3.9 months 95% CI, 3.0-4.9



◆ Safety

Treatment-Emergent Adverse Events in >20% of Patients



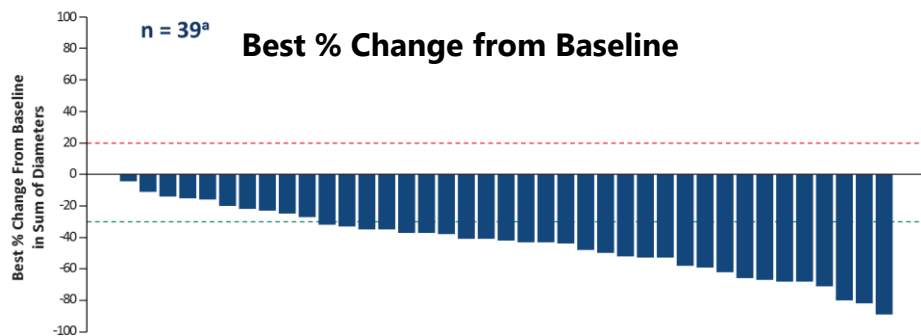
Interstitial lung disease (ILD) in DS-8201 Arm, n=125

Gr1	Gr2	Gr3	Gr4	Gr5	Total
3 (2.4)	6 (4.8)	2 (2.4)	1 (0.8)	0	12(9.6)

- ◆ Results presented at ASCO 2020 and published in NEJM
- ◆ JP: Submitted in April 2020 and approval anticipated in FY2020 Q3 (SAKIGAKE)
- ◆ US: BTDO/ODD in May 2020, discussion ongoing with FDA for submission

DS-8201: NSCLC (DESTINY-Lung01 Study)

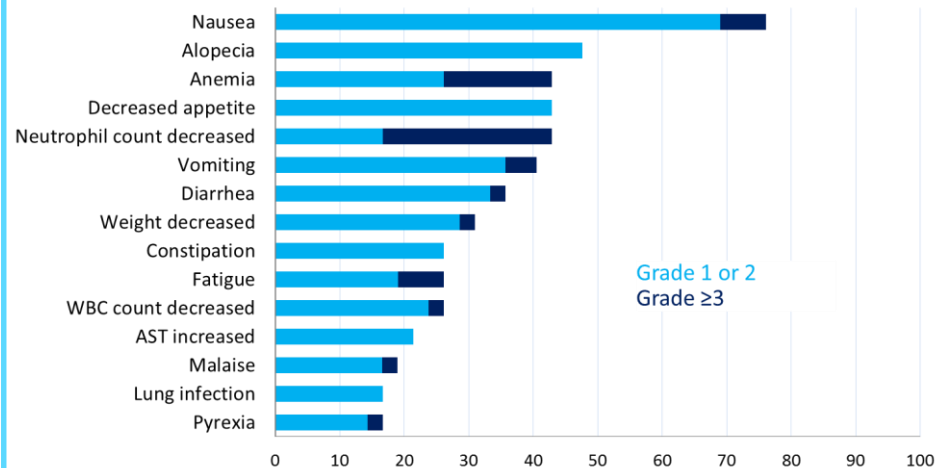
◆ Efficacy



Patients (N = 42)	
Confirmed ORR by ICR	61.9% (n = 26) (95% CI, 45.6%-76.4%)
CR	2.4% (n = 1)
PR	59.5% (n = 25)
SD	28.6% (n = 12)
PD	4.8% (n = 2)
Not evaluable	4.8% (n = 2)
Disease control rate	90.5% (95% CI, 77.4%-97.3%)
Duration of response, median	Not reached (95% CI, 5.3 months-NE)
PFS, median	14.0 mo (95% CI, 6.4-14.0 months)

◆ Safety

Treatment-Emergent Adverse Events in >15% of Patients



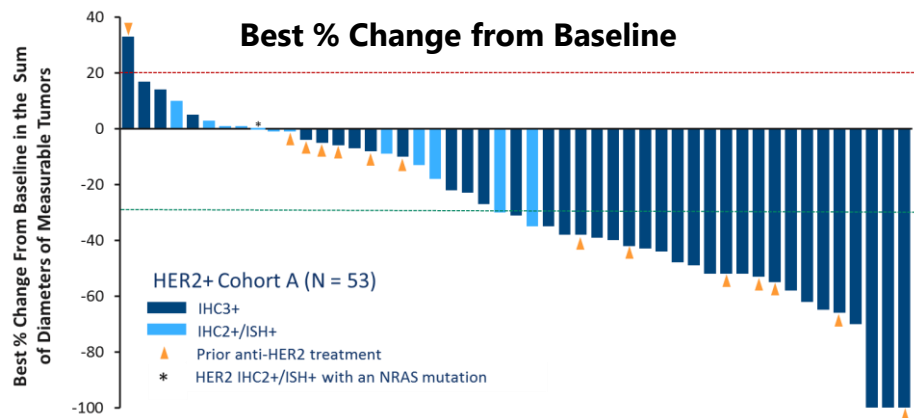
Interstitial lung disease (ILD), n=42

Gr1	Gr2	Gr3	Gr4	Gr5	Total
0	5 (11.9)	0	0	0	5 (11.9)

- ◆ Interim analysis of HER2 mutant NSCLC cohort presented at ASCO 2020
- ◆ US: BTD in May 2020 (HER2 mutant NSCLC)

DS-8201: CRC (DESTINY-CRC01 Study)

◆ Efficacy



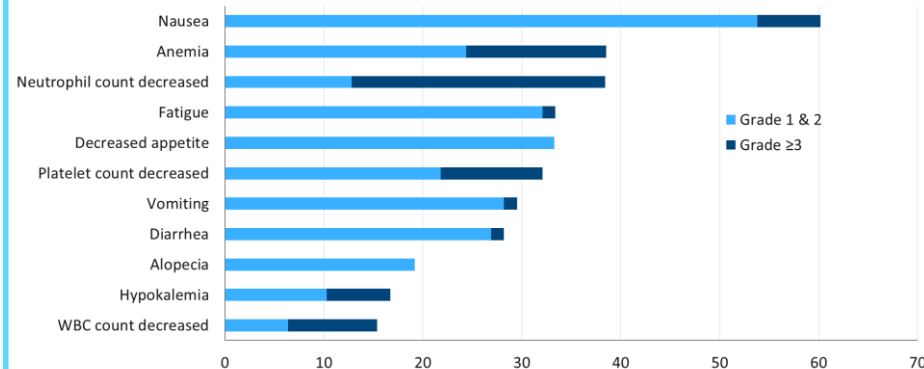
HER2+ Cohort A (N = 53)

Confirmed ORR by ICR **45.3% (n = 24)** (95% CI, 31.6%-59.6%)

CR	1.9% (n = 1)
PR	43.4% (n = 23)
SD	37.7% (n = 20)
PD	9.4% (n = 5)
Not evaluable	7.5% (n = 4) ^a
Disease control rate	83.0% (95% CI, 70.2%-91.9%)
Duration of response, median	Not reached (95% CI, 4.2 months-NE)

◆ Safety

Treatment-Emergent Adverse Events in >15% of Patients



Interstitial lung disease (ILD), n=78

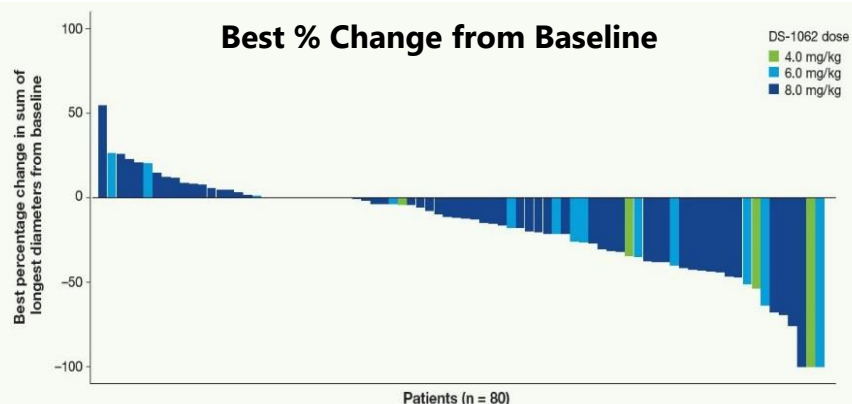
Gr1	Gr2	Gr3	Gr4	Gr5	Total
0	2 (2.6)	1 (1.3)	0	2 (2.6)	5 (6.4)

*One additional grade 5 ILD case in Cohort B was reported after the data cutoff.

◆ Primary analysis of HER2 positive primary cohort presented at ASCO 2020

DS-1062: NSCLC (Phase 1 Study)

◆ Efficacy



DS-1062 dose, mg/kg	Evaluable patients ^a	Confirmed CR/PR	CR/PR (too early to be confirmed)	ORR % (n/N) (95% CI)
4	6	3	0	50% (3/6) (12-88)
6	19	4	1	26% (5/19) (9-51)
8	60	13	2	25% (15/60) (15-38)
Total	85	20	3	27% (23/85) (18-38)

^aIncludes patients with ≥ 1 posttreatment scan or who discontinued treatment.

◆ Safety

Treatment-Emergent Adverse Events in >15% of Patients

Patients treated with DS-1062 (N = 138)		
TEAE in $\geq 15\%$ subjects	All grades, n (%)	Grade ≥ 3 , n (%)
Any TEAE	129 (94)	62 (45)
TEAEs in $\geq 15\%$ of patients, by preferred term		
Nausea	60 (44)	0
Fatigue	56 (41)	4 (3)
Stomatitis	47 (34)	4 (3)
Alopecia	46 (33)	0
Vomiting	37 (27)	0
Decreased appetite	31 (23)	0
Infusion-related reaction	29 (21)	0
Anemia	26 (19)	4 (3)
Constipation	26 (19)	1 (1)
Cough	26 (19)	1 (1)
Mucosal inflammation	25 (18)	4 (3)
Rash	25 (18)	0
Dyspnea	23 (17)	6 (4)
Diarrhea	20 (15)	0

TEAE, treatment-emergent adverse event.

Interstitial lung disease (ILD), n=138

Gr1	Gr2	Gr3	Gr4	Gr5	Total
1 (0.7)	4 (2.9)	1 (0.7)	0	2 (1.4)	8 (5.8)

- ◆ Interim analysis was presented at ASCO 2020
- ◆ Announced clinical research collaboration to evaluate DS-1062 in combination with pembrolizumab
- ◆ Future updated clinical development plan will be discussed with AstraZeneca

3 ADC Update

News flow

Trastuzumab deruxtecan (DS-8201)

DESTINY-Breast01: Pivotal phase 2 HER2 positive mBC study

- EU: Submission validated with accelerated assessment in Jun. 2020, approval anticipated in FY2020 Q4

DESTINY-Gastric01: Pivotal phase 2 HER2 positive mGC study

- JP: Submitted in Apr. 2020, approval anticipated in FY2020 Q3 (SAKIGAKE)
- Discussions underway with additional global health authorities

DS-1062

Phase 1 Study: NSCLC

- Updated data planned for WCLC in Jan. 2021

Phase 1 I/O combination studies: Planned start in FY2020 H2

Patritumab deruxtecan (U3-1402)

Phase 1 study: EGFRm NSCLC

- Updated data planned for ESMO in Sep. 2020

Phase 1 EGFR TKI combination study EGFRm NSCLC: Planned start in FY2020 H2

Phase 1/2 study: HER3 positive mBC

- Updated data planned for SABCS in Dec. 2020

Phase 2 study mCRC: Planned start in FY2020 H2

Axicabtagene ciloleucel/ Axi-Cel™

Phase 2 study: R/R B-Cell Lymphoma

- JP: Approval anticipated in FY2020 Q3

DS-1647 (G47Δ)

Phase 2: Malignant glioma

- JP: NDA planned in FY2020 H1

Underlined: New or Updated from FY2019 Q4

mBC: metastatic breast cancer, mCRC: metastatic colorectal cancer, mGC: metastatic gastric cancer, NSCLC: non-small cell lung cancer

1 Actions Against COVID-19

2 DS-1062 Strategic Collaboration

3 FY2020 Q1 Financial Results

4 FY2020 Forecast

5 Business Update

6 R&D Update

7 **Appendix**



Major R&D Milestones in FY2020

As of July 2020



	Project	Target Indications and Studies	FY2020			
			Q1	Q2	Q3	Q4
3 ADC	DS-8201	P2 pivotal DESTINY-Breast01: HER2+ 3L BC (JP/US/EU/Asia)	<u>EU submitted</u>			<u>EU approval anticipated</u>
		P2 pivotal DESTINY-Gastric01: HER2 + 3L GC (JP/Asia)	<u>JP submitted</u>		<u>JP approval anticipated</u>	
		P2: HUDSON : NSCLC (with durvalumab) (US/EU/Asia)	<u>Study started</u>			
		P1b/2: BEGONIA: TNBC (with durvalumab) (US/EU/Asia)	<u>Study started</u>			
		P1: BC, NSCLC (with pembrolizumab) (US/EU)	<u>Study started</u>			
		P1b/2 DESTINY-Gastric03: HER2+ GC 2L~/1L (US/EU/Asia)	<u>Study started</u>			
		P3 DESTINY-Breast05: HER2+ post neo-adjuvant			<u>Study start planned</u>	
	DS-1062	P1: NSCLC (with pembrolizumab)			<u>Study start planned</u>	
Alpha	U3-1402	P1: EGFRm NSCLC (with TKI)			<u>Study start planned</u>	
		P2: CRC			<u>Study start planned</u>	
	Pexidartinib	P3 ENLIVEN: tenosynovial giant cell tumor (EU)	<u>CHMP negative opinion</u>			
	DS-1647	IIS: malignant glioma (JP)	<u>JP submission</u>		<u>Approval anticipated</u>	
	Axicabtagene ciloleucel/ Axi-Cel™	P2 pivotal: R/R B-cell lymphoma (JP)			<u>Approval anticipated</u>	
	DS-6157	P1: GIST (JP/US)	<u>Study started</u>			
	Edoxaban	P3: atrial fibrillation in the very elderly (JP)	<u>Obtained TLR</u>		<u>Submission planned</u>	
	Prasugrel	P3: ischemic stroke (JP)	<u>Obtained TLR</u>			<u>Submission planned</u>
	DS-5141	P1/2: Duchenne type muscular dystrophy (JP)			<u>Data anticipated</u>	
	DS-5670	Clinical study: COVID-19 vaccine				<u>Study start planned</u>
	DS-2319	Clinical study: COVID-19				<u>Study start planned</u>

BC: breast cancer, CRC: colorectal cancer, GC: gastric cancer, GIST: gastrointestinal stromal tumors, IIS: investigator-initiated study, NSCLC: non-small-cell lung cancer

Red underlined: new or updated from FY2019 Q4

Major R&D Pipeline: 3 ADCs

As of July 2020

Phase 1

U3-1402 (JP/US)
Anti HER3-ADC
BC

U3-1402 (JP/US/Asia)
Anti HER3-ADC
EGFRm NSCLC


DS-1062 (JP/US)
Anti TROP2-ADC
NSCLC, TNBC

DS-8201 (US/EU)
Anti HER2-ADC
BC, bladder cancer (with
nivolumab)

DS-8201 (US/EU)
Anti HER2-ADC
BC, NSCLC (with
pembrolizumab)

DS-8201 (US/EU/Asia)
Anti HER2-ADC
2L~/1L GC
DESTINY-Gastric03

Phase 2

DS-8201 (JP/US/EU)
Anti HER2-ADC
NSCLC
DESTINY-Lung01 

DS-8201 (JP/US/EU)
Anti HER2-ADC
CRC
DESTINY-CRC01

DS-8201 (US/EU)
Anti HER2-ADC
2L GC
DESTINY-Gastric02

DS-8201 (US/EU/Asia)
Anti HER2-ADC
NSCLC (with durvalumab)
HUDSON

DS-8201 (US/EU/Asia)
Anti HER2-ADC
TNBC (with durvalumab)
BEGONIA

DS-8201 (US/Asia) prep
Anti HER2-ADC
HER2 expressing tumors
DESTINY-PanTumor02



Phase 3

DS-8201 (JP/US/EU/Asia)
Anti HER2-ADC
3L BC
DESTINY-Breast02




DS-8201 (JP/US/EU/Asia)
Anti HER2-ADC
2L BC
DESTINY-Breast03

DS-8201 (JP/US/EU/Asia)
Anti HER2-ADC
HER2 low BC
DESTINY-Breast04

Submitted



DS-8201 (JP)
Anti HER2-ADC
3L GC
DESTINY-Gastric01  

DS-8201 (EU)
Anti HER2-ADC
3L BC
DESTINY-Breast01

 DS-8201  U3-1402  DS-1062

BC: breast cancer, CRC: colorectal cancer, GC: gastric cancer, NSCLC: non-small cell lung cancer, TNBC: triple negative breast cancer

 project in oncology that is planned to be submitted for approval based on the results of phase 2 trials

 Breakthrough Designation (US), SAKIGAKE Designation (JP)  Orphan drug designation (JP/US/EU)

Major R&D Pipeline: Alpha

As of July 2020

Phase 1

DS-1205 (JP)
AXL inhibitor
EGFRm NSCLC (with
gefitinib)

DS-1205 (Asia)
AXL inhibitor
EGFRm NSCLC (with
osimertinib)

DS-7300 (JP/US)
Anti B7-H3-ADC
Solid tumors

DS-6157 (JP/US)
Anti GPR20-ADC
GIST

DS-2741 (JP)
Anti-Oral1 antibody
Atopic dermatitis

DS-3201 (JP/US)
EZH1/2 inhibitor
Non-Hodgkin's
Lymphomas (PTCL)

DS-3201 (US)
EZH1/2 inhibitor
AML, ALL

DS-3032 (JP/US)
MDM2 inhibitor
Solid tumors (liposarcoma)

DS-3032 (JP/US)
MDM2 inhibitor
AML

PLX2853 (US)
BET inhibitor
AML

PLX2853 (US)
BET inhibitor
Solid tumor

DS-1211 (US)
TNAP inhibitor
Pseudoxanthoma elasticum

Phase 2

DS-1647 (G47Δ) (JP)
Oncolytic HSV-1
Malignant glioma
IIS

DS-3201 (JP)
EZH1/2 inhibitor
ATL/L

DS-1001 (JP) Prep
Mutant IDH1 inhibitor
Glioma

DS-5141 (JP)
ENA oligonucleotide
DMD

Quizartinib (JP/US/EU/Asia)
FLT3 inhibitor
1L AML

Edoxaban (JP)
FXa inhibitor
Atrial fibrillation in the very
elderly

Prasugrel (JP)
ADP receptor inhibitor
Ischemic stroke

Mirogabalin (JP/Asia)
 $\alpha_2\delta$ Ligands
Central neuropathic pain

Esaxerenone (JP)
MR blocker
Diabetic nephropathy

VN-0102/JVC-001 (JP)
Measles mumps rubella
combined vaccine

Submitted

Axicabtagene ciloleucel
Axi-Cel™ (JP)
Anti CD19 CAR-T cells
R/R B-cell lymphoma

VN-0107/MEDI3250 (JP)
live attenuated influenza
vaccine nasal spray

 Oncology

 Specialty medicine

 Vaccine

ALL: acute lymphocytic leukemia, AML: acute myeloid leukemia, ATL/L: adult T-cell leukemia/lymphoma, DMD: Duchenne muscular dystrophy, GIST: gastrointestinal stromal tumor, IIS: investigator-initiated study, NSCLC: non-small cell lung cancer, PTCL: peripheral T-cell lymphoma

: project in oncology that is planned to be submitted for approval based on the results of phase 2 trials

: SAKIGAKE Designation (JP)  Orphan drug designation (JP/US/EU)

Projects for Out-Licensing

As of July 2020



<u>Discovery</u>	<u>Preclinical</u>	<u>Phase 1</u>	<u>Phase 2/3</u>
Tryptophanase inhibitor Uremia/late stage chronic kidney disease Global	DS-2087 Exon 20 insertion mutant EGFR/HER2 inhibitor NSCLC with EGFR/HER2 exon 20 insertion mutation Global	DS-1205 AXL inhibitor EGFRm NSCLC Global	DS-1001 Mutant IDH1 inhibitor Glioma Regions other than Japan
Long Acting ANP: long-acting GC-A activator Resistant hypertension/chronic heart failure Global		DS-3032 MDM2 inhibitor AML, MDS, solid tumor Global	
		DS-2969 GyrB inhibitor <i>Clostridium difficile</i> infection Global	

Oncology
 Specialty medicine

AML: acute myeloid leukemia, MDS: myelodysplastic syndromes

Abbreviations

Abbreviations	English	Implications
AE	Adverse event	Undesirable experience associated with the use of a medical product in a patient
BTB	Breakthrough therapy designation	Designation granted by US FDA that expedites drug development
CR	Complete response	Complete response (complete resolution of cancer)
CRL	Complete response letter	Letter issued by the FDA after completion of its review and determined the application cannot be approved based on the current submission
DCR	Disease control rate	Disease control rate (percentage of patients with controlled disease status)
DLT	Dose limiting toxicity	Dose-limiting toxicities (toxicities that may explain the inability to escalate doses)
DOR	Duration of response	Length of time that a tumor responds to treatment
EGFR	Epidermal growth factor receptor	Epidermal growth factor receptor
MTD	Maximum tolerated dose	The highest dose of a drug or treatment that does not cause unacceptable side effects
ORR	Overall response rate Objective response rate	Overall response rate (expressed as the proportion of patients who responded to treatment and the sum of CR and PR)
OS	Overall survival	Overall survival (time from start of treatment to death)
PD	Progressive disease	Disease progression (worsening disease despite treatment)
PFS	Progression-free survival	Progression-free survival (without cancer progression)
PR	Partial response	Partial response (a reduction in the size of the cancer by 30% or more that lasts for 4 weeks)
SD	Stable disease	The size of the cancer is almost unchanged before and after treatment
TEAE	Treatment emergent adverse event	Any event not present prior to the initiation of the treatments or any event already present that worsens in either intensity or frequency following exposure to the treatments

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