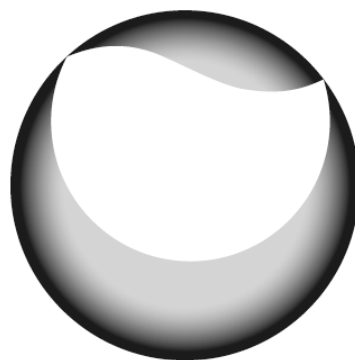


Reference Data

(Consolidated Financial Results for Q1 FY2021)



Daiichi-Sankyo

July 30, 2021

Daiichi Sankyo Co., Ltd.

<https://www.daiichisankyo.com>

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1. Consolidated Statement of Profit or Loss

JPY Bn	FY2020 Q1		FY2021 Q1					FY2021			
	to revenue	Results	to revenue	Results	(vs. Forecast (%))	YoY	YoY (%)	to revenue	Forecast	YoY	YoY (%)
Revenue	100.0%	236.9	100.0%	264.1	26.7%	27.1	+11.4%	100.0%	990.0	27.5	+2.9%
Cost of sales ^{※1}	34.7%	82.2	32.2%	85.2	26.6%	2.9	+3.6%	32.3%	320.0	-17.8	-5.3%
Gross Profit	65.3%	154.7	67.8%	178.9	26.7%	24.2	+15.6%	67.7%	670.0	45.2	+7.2%
SG&A expenses ^{※1}	30.3%	71.8	30.8%	81.2	24.3%	9.4	+13.1%	33.7%	334.0	15.5	+4.9%
R&D expenses ^{※1}	20.6%	48.9	20.5%	54.0	20.3%	5.2	+10.5%	26.9%	266.0	38.6	+17.0%
Core Operating Profit	14.4%	34.1	16.5%	43.7	62.4%	9.6	+28.2%	7.1%	70.0	-8.9	-11.2%
Other income ^{※2}		0.1		2.1		2.0			-	-0.6	
Other expenses ^{※2}		0.0		0.0		-0.0			-	-15.6	
Operating Profit	14.4%	34.1	17.3%	45.8	65.4%	11.6	+34.1%	7.1%	70.0	6.2	+9.7%
Financial income/expenses		7.2		1.3		-6.0					
Share of profit or loss of investments accounted for using the equity method		0.0		-0.0		-0.0					
Profit before tax	17.5%	41.4	17.8%	47.1	67.2%	5.7	+13.7%	7.1%	70.0	-4.1	-5.6%
Income taxes		9.6		11.8		2.3					
Profit for the year	13.4%	31.8	13.3%	35.2	70.4%	3.4	+10.7%	5.1%	50.0	-25.8	-34.1%
Profit attributable to owners of the Company	13.4%	31.9	13.3%	35.2	70.4%	3.4	+10.6%	5.1%	50.0	-26.0	-34.2%
Tax rate		23.1%		25.2%							
Overseas sales ratio		38.6%		44.7%							
<u>Currency Rate (Average)</u>								<u>Currency Rate (Average)</u>			
USD/JPY		107.62		109.49				105.00			
EUR/JPY		118.47		131.95				120.00			

Forex impact: +6.6
(USD: +0.9, EUR: +3.5, ASCA: +2.2)

Forex impact: +0.1
(USD: +0.4, EUR: -0.7, ASCA: +0.4)

Forex impact: +2.3
(USD: +0.4, EUR: +1.2, ASCA: +0.7)

Forex impact: +1.2
(USD: +0.4, EUR: +0.8, ASCA: +0.1)

Forex impact: +3.0
(USD: -0.2, EUR: +2.2, ASCA: +1.1)

- Recognition of financial income due to decrease in contingent consideration of quizartinib acquisition -4.7 (FY2020)
- Deterioration in forex gains/losses -0.6

Annual impact of one yen change

	Forecast	
	USD	EUR
Revenue	1.8 JPY Bn	0.9 JPY Bn
Operating Profit	-0.6 JPY Bn	0.3 JPY Bn

*This report is not subject to audit procedures.

※1 Temporary gains and losses are excluded for cost of sales, SG&A expenses and R&D expenses

※2 See page 2 for the definition of temporary gains and losses and the adjustment of operating profit and core operating profit

2. Sheet to adjust Operating Profit to Core Operating Profit

FY2020 Q1 Results

JPY Bn	Operating Profit (full)	Adjustment					Operating Profit (Core)
		gains and losses related to sale of fixed assets	gains and losses related to restructuring	gains and losses related to impairment,	gains and losses related to loss compensation, reconciliation	Others	
Revenue	236.9						236.9
Cost of sales	82.2	-	-	-	-	-	82.2
SG&A expenses	71.8	-0.0	-	0.0	-	-	71.8
R&D expenses	48.8	-0.1	-	-	-	-	48.9
Core Operating Profit	34.1	-0.1	-	0.0	-	-	34.1
Other income		0.1	-	-	-	-	0.1
(Cost of sales)							-
(SG&A expenses)		0.0					0.0
(R&D expenses)		0.1					0.1
Other expenses		0.0	-	0.0	-	-	0.0
(Cost of sales)							-
(SG&A expenses)		0.0		0.0			0.0
(R&D expenses)							-
Operating Profit (full)	34.1	-	-	-	-	-	34.1

<Major Other income and Other expenses>

FY2021 Q1 Results

JPY Bn	Operating Profit (full)	Adjustment					Operating Profit (Core)
		gains and losses related to sale of fixed assets	gains and losses related to restructuring	gains and losses related to impairment,	gains and losses related to loss compensation, reconciliation	Others	
Revenue	264.1						264.1
Cost of sales	85.2	-0.0	-	-	-	-	85.2
SG&A expenses	79.1	-2.1	-	-	-	-0.0	81.2
R&D expenses	54.0	-0.0	-	-	-	-	54.0
Core Operating Profit	45.8	-2.1	-	-	-	-0.0	43.7
Other income		2.1	-	-	-	0.0	2.1
(Cost of sales)		0.0					0.0
(SG&A expenses)		2.1 *1				0.0	2.1
(R&D expenses)		0.0					0.0
Other expenses		0.0	-	-	-	-	0.0
(Cost of sales)							-
(SG&A expenses)		0.0					0.0
(R&D expenses)							-
Operating Profit (full)	45.8	-	-	-	-	-	45.8

<Major Other income and Other expenses>

*1 Gains related to sale of Osaka logistics

As an indicator of ordinary profitability, "core operating profit" which excludes temporary gains and losses (other revenue and other expenses) from operating income is disclosed. Gains and losses related to: sale of fixed assets, restructuring (excluding the sales of pipeline and launched products), impairment, loss compensation, reconciliation, and other non-temporary and material gains and losses are included in the "temporary gains and losses".

3. Revenue of Global Products

JPY Bn		FY2020 Q1	FY2021 Q1				FY2021				
		Results	Results	(vs. Forecast (%))	YoY	YoY (%)	Forecast (as of Apr.)	Forecast (as of Jul.)	vs. Forecast (as of Apr.)	YoY	YoY (%)
	Trastuzumab deruxtecan anti-cancer agent (HER2-directed antibody drug conjugate)	7.9	16.0	(21.8%)	8.1	+102.2%	84.0	73.1	-11.0	29.6	+68.1%
	Product sales	5.2	13.0	(21.2%)	7.7	+148.5%	69.4	61.0	-8.4	30.9	+102.8%
	Enhertu (JPN)	0.2	2.2	(16.2%)	2.0	+905.0%	13.4	13.4	-	9.0	+206.9%
	Enhertu (US)	5.0	9.6	(22.6%)	4.6	+91.8%	50.4	42.4	-8.0	16.7	+65.0%
	Enhertu (EU)	-	1.2	(23.6%)	1.2	-	5.4	5.1	-0.4	5.0	-
	Enhertu (ASCA: Asia, South and Central America)	-	-	-	-	-	0.2	0.2	-	0.2	-
	Upfront payment	2.5	2.5	(25.0%)	-	-	9.8	9.8	-	-	-
	Regulatory milestone payment	0.2	0.6	(25.0%)	0.3	+146.0%	4.8	2.2	-2.6	-1.3	-37.2%
	US HER2+ Breast Cancer 3L	0.2	0.2	(25.0%)	-	-	0.9	0.9	-	-	-
	EU HER2+ Breast Cancer 3L	-	0.1	(25.0%)	0.1	-	0.5	0.5	-	-0.5	-50.0%
	US HER2+ Gastric Cancer 2L+3L	-	0.2	(25.0%)	0.2	-	0.8	0.8	-	-0.8	-50.0%
	US HER2+ or HER2 Mutant NSCLC 2L	-	-	-	-	-	2.6	-	-2.6	-	-
	Datopotamab deruxtecan anti-cancer agent (TROP2-directed antibody drug conjugate)	-	1.5	(25.0%)	1.5	-	5.8	5.8	-	1.9	+47.0%
	Upfront payment	-	1.5	(25.0%)	1.5	-	5.8	5.8	-	1.9	+47.0%
	Edoxaban anticoagulant	38.7	49.5	(25.5%)	10.8	+27.8%	188.4	194.0	5.6	28.1	+16.9%
	Lixiana (JPN)	19.8	22.9	(24.8%)	3.1	+15.5%	90.4	92.1	1.7	14.7	+19.0%
	Savaysa (US)	0.6	0.5	(25.2%)	-0.1	-9.4%	2.2	2.0	-0.2	-1.0	-32.0%
	Lixiana (EU)	16.4	23.4	(26.1%)	7.0	+42.4%	84.6	89.7	5.0	13.0	+16.9%
	Edoxaban (ASCA: Asia, South and Central America)	1.9	2.7	(26.9%)	0.8	+41.1%	11.1	10.2	-1.0	1.3	+14.8%

4. Revenue by Business Units and Products (1)

JPY Bn	FY2020 Q1		FY2021 Q1				FY2021				
	Results	Results	(vs. Forecast (%))	YoY	YoY (%)	Forecast (as of Apr.)	Forecast (as of Jul.)	vs. Forecast (as of Apr.)	YoY	YoY (%)	
Japan Business Unit	130.2	129.1	(26.8%)	-1.1	-0.8%	482.3	482.4	0.1	-6.7	-1.4%	
Lixiana	19.8	22.9	(24.8%)	3.1	+15.5%	90.4	92.1	1.7	14.7	+19.0%	
Nexium	19.9	19.7	(52.3%)	-0.2	-0.8%	37.2	37.6	0.5	-40.2	-51.6%	
Pralia	8.7	9.2	(25.7%)	0.5	+5.8%	35.6	35.6	-	1.0	+2.9%	
Tarlige	4.3	7.1	(22.8%)	2.8	+65.0%	29.5	31.0	1.5	10.5	+50.9%	
Tenelia	6.6	6.4	(27.5%)	-0.2	-3.2%	23.2	23.2	-	-1.1	-4.5%	
Ranmark	5.0	5.1	(25.1%)	0.2	+3.3%	20.4	20.4	-	1.1	+5.6%	
Loxonin	6.2	5.8	(26.9%)	-0.4	-6.7%	19.8	21.5	1.7	-2.7	-11.1%	
Vimpat	3.8	4.5	(23.6%)	0.7	+19.6%	19.1	19.1	-	4.6	+31.4%	
Canalia	3.9	4.3	(27.7%)	0.4	+9.8%	15.7	15.7	-	0.2	+1.5%	
Efient	3.8	4.1	(26.5%)	0.3	+8.3%	15.6	15.6	-	1.6	+11.1%	
Enhertu	0.2	2.2	(16.2%)	2.0	+905.0%	13.4	13.4	-	9.0	+206.9%	
Rezaltas	3.6	3.3	(26.3%)	-0.3	-8.4%	11.8	12.6	0.8	-0.6	-4.3%	
Inavir	0.6	0.3	(7.7%)	-0.3	-51.1%	9.8	4.1	-5.7	0.4	+12.3%	
Daiichi Sankyo Espha products	17.6	20.0	-	2.5	+14.2%	not disclosed	not disclosed	-	-	-	
Vaccines business	2.9	1.4	-	-1.5	-51.6%	not disclosed	not disclosed	-	-	-	
Daiichi Sankyo Healthcare Unit	14.3	15.4	(22.3%)	1.1	+7.6%	69.4	69.0	-0.4	1.8	+2.7%	

4. Revenue by Business Units and Products (2)

JPY Bn	FY2020 Q1		FY2021 Q1				FY2021				
	Results		Results	(vs. Forecast (%))	YoY	YoY (%)	Forecast (as of Apr.)	Forecast (as of Jul.)	vs. Forecast (as of Apr.)	YoY	YoY (%)
Oncology Business Unit*¹	11.6		14.5	(23.6%)	2.9	+25.1%	71.8	61.2	-10.6	13.8	+29.2%
Enhertu anti-cancer agent (HER2-directed antibody drug conjugate)	5.0		10.8	(22.7%)	5.8	+116.1%	55.9	47.5	-8.4	21.8	+84.6%
Enhertu (US)	5.0		9.6	(22.6%)	4.6	+91.8%	50.4	42.4	-8.0	16.7	+65.0%
Enhertu (EU)	-		1.2	(23.6%)	1.2	-	5.4	5.1	-0.4	5.0	-
TURALIO anti-cancer agent	0.3		0.6	(25.4%)	0.3	+85.4%	-	2.4	-	0.6	+34.9%
*1 Oncology products revenue in EU will be booked in Oncology business unit (OBU) from FY2021.											
American Regent Unit	26.5		39.1	(29.7%)	12.6	+47.7%	125.8	131.7	5.9	10.0	+8.2%
Injectafer treatment for iron deficiency anemia	9.4		14.9	(28.9%)	5.4	+57.7%	47.2	51.5	4.2	7.3	+16.6%
Venofer treatment for iron deficiency anemia	6.9		7.9	(29.1%)	1.0	+14.3%	26.8	27.2	0.5	-1.6	-5.6%
EU Specialty Business Unit*²	27.7		32.7	(28.3%)	5.0	+18.1%	110.8	115.4	4.7	3.8	+3.4%
Lixiana anticoagulant	16.4		23.4	(26.1%)	7.0	+42.4%	84.6	89.7	5.0	13.0	+16.9%
Nilemdo/Nustendi cholesterol-lowering agent	-		0.7	(25.3%)	0.7	-	-	2.9	-	2.3	+404.3%
Olmесartan antihypertensive agent	5.2		5.6	(34.0%)	0.4	+7.3%	16.9	16.5	-0.3	-5.0	-23.2%
*2 EU speciality business unit (EUSBU) from FY2021. Oncology product revenue will be booked in OBU.											
ASCA Business Unit	22.5		26.5	(25.2%)	3.9	+17.4%	95.7	105.0	9.2	5.3	+5.3%
Daiichi Sankyo China	8.6		11.8	(24.5%)	3.1	+36.5%	41.2	48.0	6.8	2.4	+5.2%
Daiichi Sankyo Korea	4.4		5.8	(25.8%)	1.4	+31.3%	21.9	22.7	0.8	3.1	+15.8%
Daiichi Sankyo Brasil Farmacêutica	2.9		3.3	(26.2%)	0.4	+14.6%	10.8	12.6	1.8	2.1	+19.6%
Daiichi Sankyo Taiwan	2.1		2.3	(26.9%)	0.2	+9.4%	8.4	8.6	0.1	0.3	+3.0%
Daiichi Sankyo Thailand	0.6		0.5	(23.8%)	-0.1	-17.7%	2.1	2.1	-0.0	-0.2	-7.1%

4. Revenue by Business Units and Products (3)

[Reference] Revenue in Local Currency

		FY2020 Q1	FY2021 Q1				FY2021				
		Results	Results	(vs. Forecast (%))	YoY	YoY (%)	Forecast (as of Apr.)	Forecast (as of Jul.)	vs. Forecast (as of Apr.)	YoY	YoY (%)
USD Mn											
Oncology Business Unit*1		107	132	(22.9%)	25	+23.0%	684	577	-107	130	+29.1%
Enhertu	anti-cancer agent (HER2-directed antibody drug conjugate)	46	99	(22.0%)	52	+112.4%	532	448	-84	205	+84.5%
Enhertu (US)		46	88	(21.9%)	41	+88.6%	480	400	-80	157	+64.9%
Enhertu (EU)		-	11	(22.9%)	11	-	52	48	-4	48	-
TURALIO	anti-cancer agent	3	6	(24.6%)	3	+82.3%	-	23	-	6	+34.8%
*1 Oncology products revenue in EU will be booked in Oncology business unit (OBU) from FY2021.											
USD Mn											
American Regent Unit		246	357	(28.8%)	111	+45.1%	1,198	1,241	43	94	+8.2%
Injectafer	treatment for iron deficiency anemia	88	136	(28.0%)	48	+55.1%	450	485	35	69	+16.5%
Venofer	treatment for iron deficiency anemia	64	72	(28.2%)	8	+12.3%	255	256	2	-15	-5.7%
EUR Mn											
EU Specialty Business Unit*2		234	248	(26.4%)	14	+6.1%	923	939	16	36	+4.0%
Lixiana	anticoagulant	139	177	(24.3%)	39	+27.9%	705	729	24	109	+17.6%
Nilembo/Nustendi	cholesterol-lowering agent	-	6	(23.6%)	6	-	-	23	-	19	+407.3%
Olmesartan	antihypertensive agent	44	43	(31.7%)	-2	-3.7%	140	134	-6	-40	-22.8%

*2 EU speciality business unit (EUSBU) from FY2021. Oncology product revenue will be booked in OBU.

5. Consolidated Statement of Financial Position

<Assets>

JPY Bn

	Mar. 2021	Jun. 2021	vs. Mar. 2021
Assets			
Current assets			
Cash and cash equivalents	380.5	352.3	-28.3
Trade and other receivables	232.0	258.1	26.1
Other financial assets	444.4	394.3	-50.1
Inventories	200.9	211.8	10.9
Other current assets	10.6	17.2	6.6
Subtotal	1,268.4	1,233.7	-34.7
Total current assets	1,268.4	1,233.7	-34.7
Non-current assets			
Property, plant and equipment	265.3	276.4	11.1
Goodwill	77.7	77.7	-0.1
Intangible assets	172.8	175.7	2.9
Investments accounted for using the equity method	1.4	1.3	-0.1
Other financial assets	140.0	135.6	-4.4
Deferred tax assets	128.5	128.6	0.1
Other non-current assets	31.0	33.5	2.5
Total non-current assets	816.8	828.8	12.0
Total assets	2,085.2	2,062.5	-22.7
* Liquidity on hand	827.2	746.6	-80.6
Debt with interest	226.2	229.1	2.9
Net Cash	601.0	517.5	-83.5

Acquisition +19.5, Depreciation -8.0

Acquisition +9.1, Amortization -6.6

Investment securities -5.5

<Liabilities and equity>

JPY Bn

	Mar. 2021	Jun. 2021	vs. Mar. 2021
Liabilities			
Current liabilities			
Trade and other payables	297.5	266.9	-30.6
Bonds and borrowings	20.4	20.4	0.0
Other financial liabilities	9.4	9.1	-0.3
Income taxes payable	6.1	11.4	5.3
Provisions	6.1	5.7	-0.4
Other current liabilities	14.2	19.3	5.2
Total current liabilities	353.6	332.8	-20.8
Non-current liabilities			
Bonds and borrowings	163.4	163.3	-0.1
Other financial liabilities	37.0	40.3	3.3
Post employment benefit liabilities	3.9	4.0	0.1
Provisions	8.7	8.9	0.1
Deferred tax liabilities	17.5	15.0	-2.5
Other non-current liabilities	228.9	218.0	-11.0
Total non-current liabilities	459.6	449.6	-10.0
Total liabilities	813.1	782.4	-30.8
Equity			
Equity attributable to owners of the Company			
Share capital	50.0	50.0	-
Capital surplus	94.5	-	-94.5
Treasury shares	-261.3	-37.9	223.3
Other components of equity	111.5	110.1	-1.4
Retained earnings	1,277.3	1,157.9	-119.4
Total equity attributable to owners of the Company	1,272.1	1,280.1	8.0
Total equity	1,272.1	1,280.1	8.0
Total liabilities and equity	2,085.2	2,062.5	-22.7

Vaccine business loss compensation -15.0

Deferred revenue for datopotamab deruxtecan (Strategic collaboration upfront payment) -1.5
 Deferred revenue for trastuzumab deruxtecan -3.0
 (Strategic collaboration upfront payment -2.5, Regulatory milestone payment -0.6)

Acquisition of treasury shares -94.5

Acquisition of treasury shares +223.0

Profit for the period +35.2, Payment of dividends -25.9,
 Acquisition of treasury shares -128.5

6. Consolidated Statement of Cash Flows

JPY Bn

	FY2020 Q1	FY2021 Q1	YoY
Cash flows from operating activities			
Profit before tax	41.4	47.1	5.7
Depreciation and amortization	14.1	14.7	0.6
(Increase) decrease in receivables and payables	34.7	-59.0	-93.6
Others, net	-23.9	-25.1	-1.2
Income taxes paid	-10.4	-7.8	2.6
Net cash flows from operating activities	55.9	-30.1	-86.0
Cash flows from investing activities			
Net (increase) decrease in time deposits and securities	-29.2	52.0	81.2
(Acquisition of) proceeds from sales of fixed assets	-39.0	-19.8	19.2
Net (increase) decrease in investment securities	-2.2	-2.1	0.0
Others, net	-0.5	-0.1	0.4
Net cash flows from investing activities	-70.8	30.0	100.9
Cash flows from financing activities			
Net (increase) decrease in borrowings	-0.1	-0.1	-0.0
Purchase of treasury shares	-0.0	-0.0	0.0
Dividends paid	-22.8	-25.9	-3.1
Others, net	-3.2	-3.3	-0.1
Net cash flows from financing activities	-26.1	-29.3	-3.2
Net increase (decrease) in cash and cash equivalents	-41.0	-29.4	11.7
Cash and cash equivalents at the beginning of the period	424.2	380.5	-43.6
Effect of exchange rate changes on cash and cash equivalents	-1.0	1.1	2.1
Cash and cash equivalents at the end of the period	382.1	352.3	-29.8
* Free cash flows (Cash flows from operating activities and investing activities)	-15.0	-0.1	14.9

7. Number of Employees

	Jun. 2020	Mar. 2021	Jun. 2021
	Results	Results	Results
Consolidated	15,720	16,033	16,214
Japan	8,943	8,979	9,139
North America	2,488	2,602	2,659
Europe	1,977	2,137	2,212
Others	2,312	2,315	2,204

8. Capital Expenditure, Depreciation and Amortization

		Jun. 2020	Mar. 2021	Jun. 2021	FY2021
	JPY Bn	Results	Results	Results	Forecast
Capital expenditure		6.3	40.1	15.4	48.0
Depreciation and amortization		14.1	57.4	14.7	56.0
Property, plant and equipment		7.9	31.3	8.1	-
Intangible assets		6.2	26.1	6.6	-

9. Summary of Product Outlines

Brand Name	Generic Name	Therapeutic Category	Launched	Origin	Marketing Alliance	Type of Alliance
Japan Business Unit						
Lixiana	edoxaban	anticoagulant	2011	Daiichi Sankyo		
Nexium	esomeprazole	ulcer treatment	2011	AstraZeneca	AstraZeneca	Co-promotion (DS: Sales)
Pralia	denosumab	treatment for osteoporosis/ inhibitor of the progression of bone erosion associated with rheumatoid arthritis	2013	Amgen		
Tarlige	mirogabalin	pain treatment	2019	Daiichi Sankyo		
Tenelia	teneligliptin	type 2 diabetes mellitus treatment	2012	Mitsubishi Tanabe	Mitsubishi Tanabe	Co-promotion (DS: Sales)
Ranmark	denosumab	treatment for bone complications caused by bone metastases from tumors	2012	Amgen		
Loxonin			1986	Daiichi Sankyo		
Loxonin Poultice	loxoprofen	anti-inflammatory analgesic	2006	Lead Chemical		
Loxonin Tape			2008	Lead Chemical		
Loxonin Gel			2010	Daiichi Sankyo		
Vimpat			lacosamide	anti-epileptic agent	2016	UCB
Canalia	teneligliptin / canagliflozin	type 2 diabetes mellitus treatment	2017	Mitsubishi Tanabe	Mitsubishi Tanabe	Co-promotion (DS: Sales)
Efient	prasugrel	antiplatelet agent	2014	Daiichi Sankyo Ube Industries		
Enhertu	trastuzumab deruxtecan	anti-cancer agent (HER2-directed antibody drug conjugate)	2020	Daiichi Sankyo		
Rezaltas	olmesartan / azelnidipine	antihypertensive agent	2010	Daiichi Sankyo		
Inavir	laninamivir	anti-influenza agent	2010	Daiichi Sankyo		
Oncology Business Unit						
Enhertu	trastuzumab deruxtecan	anti-cancer agent (HER2-directed antibody drug conjugate)	2020	Daiichi Sankyo	AstraZeneca	Co-promotion (DS: Sales)
Turalio	pexidartinib	anti-cancer agent	2019	Daiichi Sankyo		
American Regent Unit						
Injectafer	ferric carboxymaltose injection	treatment for iron deficiency anemia	2013	Vifor Pharma	Daiichi Sankyo, Inc.	Promotion (Daiichi Sankyo, Inc.)
Venofer	iron sucrose injection	treatment for iron deficiency anemia	2000	Vifor Pharma	Fresenius	Co-marketing
EU Specialty Business Unit						
Lixiana	edoxaban	anticoagulant	2015	Daiichi Sankyo	Merck (MSD)	Co-marketing
Nilemdo/Nustendi	bempedoic acid, bempedoic acid / ezetimibe	cholesterol-lowering agent	2020	Daiichi Sankyo	Esperion	
Olmesartan						
Olmetec	olmesartan		2002			
Olmetec Plus	olmesartan / hydrochlorothiazide	antihypertensive agent	2005	Daiichi Sankyo	Menarini Pfizer	Co-marketing
Sevikar	olmesartan / amlodipine		2009			
Sevikar HCT	olmesartan / amlodipine / hydrochlorothiazide		2010			

<10. Quarterly Data>

1. Consolidated Statement of Profit or Loss

JPY Bn	FY2020	FY2020	FY2020	FY2020	FY2020		FY2021	FY2021	FY2021	FY2021	FY2021			
	Q1	Q2	Q3	Q4	to revenue	Results	Q1	Q2	Q3	Q4	to revenue	Results	YoY	YoY (%)
	Results	Results	Results	Results			Results	Results	Results	Results				
Revenue	236.9	243.2	258.6	223.7	100.0%	962.5	264.1				100.0%	264.1	27.1	+11.4%
Cost of sales	82.2	86.4	87.8	81.3	35.1%	337.8	85.2				32.2%	85.2	2.9	+3.6%
Gross Profit	154.7	156.9	170.8	142.4	64.9%	624.8	178.9				67.8%	178.9	24.2	+15.6%
SG&A expenses	71.8	76.8	80.7	89.2	33.1%	318.5	81.2				30.8%	81.2	9.4	+13.1%
R&D expenses	48.9	55.7	59.1	63.7	23.6%	227.4	54.0				20.5%	54.0	5.2	+10.5%
Core Operating Profit	34.1	24.3	31.0	-10.5	8.2%	78.9	43.7				16.5%	43.7	9.6	+28.2%
Other income	0.1	0.0	0.0	0.4		0.6	2.1					2.1	2.0	
Other expenses	0.0	0.0	0.0	15.6		15.6	0.0					0.0	-0.0	
Operating Profit	34.1	24.3	31.0	-25.7	6.6%	63.8	45.8				17.3%	45.8	11.6	+34.1%
Financial income/expenses	7.2	1.2	1.5	0.1		10.2	1.3					1.3	-6.0	
Share of profit or loss of investments accounted for using the equity method	0.0	0.0	0.0	0.1		0.2	-0.0					-0.0	-0.0	
Profit before tax	41.4	25.6	32.6	-25.4	7.7%	74.1	47.1				17.8%	47.1	5.7	+13.7%
Income taxes	9.6	5.8	8.5	-25.6		-1.7	11.8					11.8	2.3	+23.9%
Profit for the year	31.8	19.8	24.1	0.2	7.9%	75.8	35.2				13.3%	35.2	3.4	+10.7%
Profit attributable to owners of the Company	31.9	19.8	24.1	0.2	7.9%	76.0	35.2				13.3%	35.2	3.4	+10.6%
Tax rate	23.1%	22.8%	26.1%	100.6%		-2.3%	25.2%					25.2%		
Overseas sales ratio	38.6%	42.3%	40.1%	46.4%		41.7%	44.7%					44.7%		
Currency Rate (YTD Average)														
USD/JPY	107.62	106.92	106.11	106.06		106.06	109.49					109.49		
EUR/JPY	118.47	121.29	122.37	123.70		123.70	131.95					131.95		

<10. Quarterly Data>

2. Revenue of Global Products

	FY2020 Q1	FY2020 Q2	FY2020 Q3	FY2020 Q4	FY2020	FY2021 Q1	FY2021 Q2	FY2021 Q3	FY2021 Q4	FY2021
JPY Bn	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Trastuzumab deruxtecan	7.9	9.8	11.1	14.7	43.5	16.0				16.0
Product sales	5.2	7.1	8.4	9.4	30.1	13.0				13.0
Enhertu(JPN)	0.2	0.8	1.7	1.7	4.4	2.2				2.2
Enhertu (US)	5.0	6.3	6.7	7.7	25.7	9.6				9.6
Enhertu (EU)	-	-	-	0.0	0.0	1.2				1.2
Enhertu (ASCA: Asia, South and Central America)	-	-	-	-	-	-				-
Upfront payment	2.5	2.5	2.5	2.5	9.8	2.5				2.5
Regulatory milestone payment	0.2	0.2	0.2	2.9	3.5	0.6				0.6
US HER2+ Breast Cancer 3L	0.2	0.2	0.2	0.2	0.9	0.2				0.2
EU HER2+ Breast Cancer 3L	-	-	-	1.0	1.0	0.1				0.1
US HER2+ Gastric Cancer 2L+3L	-	-	-	1.6	1.6	0.2				0.2
US HER2+ or HER2 Mutant NSCLC 2L	-	-	-	-	-	-				-
Datopotamab deruxtecan	-	1.0	1.5	1.5	3.9	1.5				1.5
Upfront payment	-	1.0	1.5	1.5	3.9	1.5				1.5
Edoxaban	38.7	40.4	45.6	41.2	165.9	49.5				49.5
Lixiana (JPN)	19.8	18.5	21.5	17.6	77.4	22.9				22.9
Savaysa (US)	0.6	1.1	0.7	0.6	3.0	0.5				0.5
Lixiana (EU)	16.4	18.6	21.0	20.7	76.7	23.4				23.4
Edoxaban (ASCA: Asia, South and Central America)	1.9	2.2	2.3	2.4	8.9	2.7				2.7

3. Revenue by Business Units and Products (1)	FY2020 Q1	FY2020 Q2	FY2020 Q3	FY2020 Q4	FY2020	FY2021 Q1	FY2021 Q2	FY2021 Q3	FY2021 Q4	FY2021
JPY Bn	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Japan Business Unit	130.2	119.9	136.3	102.7	489.1	129.1				129.1
Lixiana	19.8	18.5	21.5	17.6	77.4	22.9				22.9
Nexium	19.9	19.1	21.9	17.0	77.8	19.7				19.7
Pralia	8.7	8.3	9.4	8.2	34.6	9.2				9.2
Tarlige	4.3	4.9	6.2	5.2	20.6	7.1				7.1
Tenelia	6.6	5.9	6.7	5.1	24.2	6.4				6.4
Ranmark	5.0	4.7	5.2	4.4	19.3	5.1				5.1
Loxonin	6.2	6.1	6.8	5.1	24.2	5.8				5.8
Vimpat	3.8	3.4	4.1	3.3	14.5	4.5				4.5
Canalia	3.9	3.7	4.3	3.5	15.4	4.3				4.3
Efient	3.8	3.3	3.8	3.1	14.1	4.1				4.1
Enhertu	0.2	0.8	1.7	1.7	4.4	2.2				2.2
Rezaltas	3.6	3.2	3.6	2.8	13.1	3.3				3.3
Inavir	0.6	0.7	0.9	1.4	3.6	0.3				0.3
Daiichi Sankyo Espha products	17.6	16.7	20.9	16.3	71.4	20.0				20.0
Vaccines business	2.9	7.8	7.6	0.2	18.5	1.4				1.4
Daiichi Sankyo Healthcare Unit	14.3	18.7	18.4	15.7	67.2	15.4				15.4

3. Revenue by Business Units and Products (2)	FY2020 Q1	FY2020 Q2	FY2020 Q3	FY2020 Q4	FY2020	FY2021 Q1	FY2021 Q2	FY2021 Q3	FY2021 Q4	FY2021
JPY Bn	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Oncology Business Unit^{*1}	11.6	12.0	11.8	12.0	47.4	14.5				14.5
Enhertu	5.0	6.3	6.7	7.7	25.7	10.8				10.8
Enhertu (US)	5.0	6.3	6.7	7.7	25.7	9.6				9.6
Enhertu (EU)	-	-	-	0.0	0.0	1.2				1.2
Turalio	0.3	0.5	0.5	0.5	1.8	0.6				0.6
<small>*1 Oncology products revenue in EU will be booked in Oncology business unit (OBU) from FY2021.</small>										
American Regent Unit	26.5	32.5	32.1	30.7	121.7	39.1				39.1
Injectafer	9.4	11.5	11.3	11.9	44.1	14.9				14.9
Venofer	6.9	7.7	7.5	6.7	28.8	7.9				7.9
EU Specialty Business Unit^{*2}	27.7	26.6	28.6	28.7	111.7	32.7				32.7
Lixiana	16.4	18.6	21.0	20.7	76.7	23.4				23.4
Nilemdo/Nustendi	-	-	0.1	0.4	0.6	0.7				0.7
Olmesartan	5.2	5.8	5.2	5.3	21.5	5.6				5.6
<small>*2 EU speciality business unit (EUSBU) from FY2021. Oncology product revenue will be booked in OBU.</small>										
ASCA Business Unit	22.5	25.8	26.1	25.2	99.7	26.5				26.5
Daiichi Sankyo China	8.6	11.4	12.9	12.7	45.6	11.8				11.8
Daiichi Sankyo Korea	4.4	5.0	4.9	5.2	19.6	5.8				5.8
Daiichi Sankyo Brasil Farmacêutica	2.9	2.6	2.7	2.3	10.5	3.3				3.3
Daiichi Sankyo Taiwan	2.1	2.0	2.1	2.1	8.3	2.3				2.3
Daiichi Sankyo Thailand	0.6	0.7	0.7	0.3	2.3	0.5				0.5

3. Revenue by Business Units and Products (3)	FY2020 Q1	FY2020 Q2	FY2020 Q3	FY2020 Q4	FY2020	FY2021 Q1	FY2021 Q2	FY2021 Q3	FY2021 Q4	FY2021
[Reference] Revenue in Local Currency	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
USD Mn										
Oncology Business Unit*¹	107	113	113	113	447	132				132
Enhertu	46	60	64	73	243	99				99
Enhertu (US)	46	60	64	73	243	88				88
Enhertu (EU)	-	-	-	0	0	11				11
Turalio	3	5	4	5	17	6				6
*1 Oncology products revenue in EU will be booked in Oncology business unit (OBU) from FY2021.										
USD Mn										
American Regent Unit	246	305	307	290	1,148	357				357
Injectafer	88	109	108	113	416	136				136
Venofer	64	72	72	63	272	72				72
EUR Mn										
EU Specialty Business Unit*²	234	214	230	225	903	248				248
Lixiana	139	150	169	162	620	177				177
Nilemdo/Nustendi	-	-	1	3	5	6				6
Olmesartan	44	47	42	41	174	43				43

<11. Historical Data>

1. Revenue of Global Products

	FY2016	FY2017	FY2018	FY2019	FY2020
JPY Bn	Results	Results	Results	Results	Results
Trastuzumab deruxtecan	-	-	0.1	14.0	43.5
Product sales	-	-	-	3.2	30.1
Enhertu (JPN)	-	-	-	-	4.4
Enhertu (US)	-	-	-	3.2	25.7
Enhertu (EU)	-	-	-	-	0.0
Enhertu (ASCA: Asia, South and Central America)	-	-	-	-	-
Upfront payment	-	-	0.1	9.8	9.8
Regulatory milestone payment	-	-	-	0.9	3.5
US HER2+ Breast Cancer 3L	-	-	-	0.9	0.9
EU HER2+ Breast Cancer 3L	-	-	-	-	1.0
US HER2+ Gastric Cancer 2L+3L	-	-	-	-	1.6
US HER2+ or HER2 Mutant NSCLC 2L	-	-	-	-	-
Datopotamab deruxtecan	-	-	-	-	3.9
Upfront payment	-	-	-	-	3.9
Edoxaban	37.3	77.1	117.7	154.0	165.9
Lixiana (JPN)	25.0	45.3	64.9	83.0	77.4
Savaysa (US)	1.9	2.2	2.3	2.6	3.0
Lixiana (EU)	9.7	27.0	45.8	61.7	76.7
Other subsidiaries	0.8	2.6	4.7	6.8	8.9
Olmesartan	218.0	149.7	105.9	100.8	91.8
Olmetec (JPN)	69.4	44.6	14.9	11.7	9.2
Rezaltas (JPN)	17.5	16.8	15.5	14.6	13.1
Olmesartan (US)	66.4	21.3	10.7	9.8	8.6
Olmesartan (EU)	43.2	33.5	27.4	24.6	21.5
Other subsidiaries, export, etc	21.5	33.5	37.4	40.1	39.4
Prasugrel	41.6	32.8	23.2	18.1	17.3
Effient alliance revenue (US)	22.2	10.7	2.4	0.5	0.3
Efient (EU)	7.9	8.0	5.7	2.5	1.6
Efient (JPN)	10.4	12.8	13.9	14.0	14.1
Other subsidiaries, export, etc	1.0	1.3	1.2	1.2	1.3

2. Revenue by Business Units and Products (1)

	FY2016	FY2017	FY2018	FY2019	FY2020
JPY Bn	Results	Results	Results	Results	Results
Japan Business Unit	506.6	540.0	523.3	533.5	489.1
Lixiana	25.0	45.3	64.9	83.0	77.4
Nexium	84.0	86.5	78.3	79.8	77.8
Pralia	18.0	23.2	27.4	30.9	34.6
Tarlige	-	-	-	8.0	20.6
Tenelia	24.2	26.3	25.3	24.7	24.2
Ranmark	13.9	15.4	16.4	17.9	19.3
Loxonin	37.4	36.5	30.5	28.3	24.2
Vimpat	0.4	2.6	6.6	11.2	14.5
Canalia	-	2.7	9.2	12.8	15.4
Efient	10.4	12.8	13.9	14.0	14.1
Enhertu	-	-	-	-	4.4
Rezaltas	17.5	16.8	15.5	14.6	13.1
Inavir	19.6	25.3	18.2	19.3	3.6
Daiichi Sankyo Espha products	20.2	46.7	55.5	60.5	71.4
Vaccines business	38.5	41.9	41.5	35.6	18.5
Daiichi Sankyo Healthcare Unit	66.7	72.9	66.4	68.5	67.2

2. Revenue by Business Units and Products (2)

	FY2016	FY2017	FY2018	FY2019	FY2020
JPY Bn	Results	Results	Results	Results	Results
Oncology Business Unit	142.3	74.8	36.3	32.1	47.4
Enhertu	-	-	-	3.2	25.7
Enhertu (US)	-	-	-	3.2	25.7
Enhertu (EU)	-	-	-	-	0.0
Turalio	-	-	-	-	1.8
Olmesartan	66.4	21.3	10.7	9.8	8.6
Welchol	45.5	33.9	13.4	9.1	5.0
Effient	22.2	10.7	2.4	0.5	0.3
Savaysa	1.9	2.2	2.3	2.6	3.0
American Regent Unit	88.1	105.4	117.8	130.8	121.7
Injectafer	24.0	34.3	44.2	51.8	44.1
Venofer	28.5	31.0	28.9	31.0	28.8
EU Specialty Business Unit	71.0	79.4	88.6	95.5	111.7
Lixiana	9.7	27.0	45.8	61.7	76.7
Nilemdo/Nustendi	-	-	-	-	0.6
Olmesartan	43.2	33.5	27.4	24.6	21.5
Efient	7.9	8.0	5.7	2.5	1.6
ASCA Business Unit	72.1	80.4	87.7	98.3	99.7
Daiichi Sankyo China	33.8	35.3	38.5	46.0	45.6
Daiichi Sankyo Korea	8.8	11.8	15.7	17.2	19.6
Daiichi Sankyo Brasil Farmacêutica	8.8	10.1	10.0	11.5	10.5
Daiichi Sankyo Taiwan	5.2	6.6	7.1	7.6	8.3
Daiichi Sankyo Thailand	2.5	2.9	3.3	3.3	2.3

2. Revenue by Business Units and Products (3)**[Reference] Revenue in Local Currency**

	FY2016	FY2017	FY2018	FY2019	FY2020
	Results	Results	Results	Results	Results
USD Mn					
Oncology Business Unit	1,312	674	327	295	447
Enhertu	-	-	-	30	243
Enhertu (US)	-	-	-	30	243
Enhertu (EU)	-	-	-	-	0
Turalio	-	-	-	-	17
Olmesartan	612	192	97	91	81
Welchol	420	306	121	84	47
Effient	205	96	22	4	3
Savaysa	17	20	21	24	28
USD Mn					
American Regent Unit	812	951	1,062	1,204	1,148
Injectafer	221	310	399	477	416
Venofer	263	279	261	285	272
EUR Mn					
EU Specialty Business Unit	597	613	690	789	903
Lixiana	81	208	357	509	620
Nilemdo/Nustendi	-	-	-	-	5
Olmesartan	363	258	213	203	174
Efient	67	62	44	21	13

◆ Explanation of Description

Generic name/Project Code Number (mechanism of action)

Detail on its mechanism

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
<ul style="list-style-type: none"> Phase of the study Study Name (if applicable) CTG registration number JapicCTI/jRCT registration number Partner, if applicable 	Patients and target indications for the study	Target sample size	Study design schematic (randomize or not, blinding or not, control group or not)	<ul style="list-style-type: none"> Primary and secondary endpoints are listed Safety measures are summarized as "safety" Pharmacokinetic indices are summarized as "PK" 	Region under study (not consistent with region under development)	<ul style="list-style-type: none"> Announcements as these trials open Scheduled time to achieve TLR (LPD if achieved) Schedule timing of submission for late-phase projects Application status, status of obtaining various review preference systems, etc.

◆ List of Abbreviations

ADC: antibody drug conjugate; BMFI: brain metastases-free interval, CR: complete remission, CRL: complete response letter, DCR: disease control rate, DFS: disease-free survival, DOR: duration of response, DRFI: distant recurrence-free interval, EVS: event-free survival, FPD: first patient dosed, FSD: first subject dosed, IDFS: invasive disease-free survival, LPD: last patient dosed, ORR: overall response rate/objective response rate, OS: overall survival, PFS: progression-free survival, PK: pharmacokinetics, TLR: top line results

◆ 3 ADCs

Trastuzumab deruxtecan/DS-8201/T-DXd (HER2-directed ADC)

Antibody-drug conjugate which is composed of a humanized monoclonal antibody specifically targeting HER2, one of the Epidermal Growth Factor Receptor (EGFR) family proteins, and a covalently linked drug (payload) via a cleavable linker. Payload is a potent and membrane permeable DNA topoisomerase I inhibitor which enables elimination of both target tumor cells and the surrounding tumor cells. Drug-to-antibody ratio is approximately 8.

Brand name: ENHERTU (JP/US/EU)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2 (pivotal) DESTINY-Breast01 NCT03248492 JapicCTI-173693 AstraZeneca	HER2 positive breast cancer, 3L	253	Randomized, open label •DS-8201	Primary endpoint: ORR Secondary endpoint: ORR, DOR, PFS, OS and etc.	JP/US/EU/ Asia	FPD: Oct 2017 TLR: May 2019 Jan 2020: Launched (US) May 2020: Launched (JP) Jan 2021: Approved (EU)
Phase 3 DESTINY-Breast02 NCT03523585 JapicCTI-184017 AstraZeneca	HER2 positive breast cancer, 3L	600	Randomized, open label, active control •DS-8201 •Physician's choice (trastuzumab + capecitabine or lapatinib + capecitabine)	Primary endpoint: PFS Secondary endpoint: OS, ORR, DOR, PFS and etc.	JP/US/EU/ Asia	FPD: Sep 2018 TLR anticipated: FY2022 Q2
Phase 3 DESTINY-Breast03 NCT03529110 JapicCTI-183976 AstraZeneca	HER2 positive breast cancer, 2L	500	Randomized, open label, active control •DS-8201 •T-DM1	Primary endpoint: PFS Secondary endpoint: OS, ORR, DOR, PFS and etc.	JP/US/EU/ Asia	FPD: Aug 2018 TLR anticipated: FY2021 Q2

Trastuzumab deruxtecan/DS-8201/T-DXd (HER2-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 DESTINY-Breast04 NCT03734029 JapicCTI-184223 AstraZeneca	HER2-low breast cancer, post chemotherapy	540	Randomized, open label, active control •DS-8201 •Physician's choice (capecitabine, eribulin, gemcitabine, paclitaxel or nab-paclitaxel)	Primary endpoint: PFS Secondary endpoint: OS, ORR, DOR and etc.	JP/US/EU/ Asia	FPD: Dec 2018 TLR anticipated: FY2021 Q4
Phase 3 DESTINY-Breast05 NCT04622319 jRCT2061200033 AstraZeneca	HER2 positive, with residual invasive breast cancer following neoadjuvant therapy	1600	Randomized, open label, active control •DS-8201 •T-DM1	Primary endpoint: IDFS Secondary endpoint: DFS, OS, DRFI, BMFI, safety, PK and etc.	JP/US/EU/ Asia	FPD: Dec 2020
Phase3 DESTINY-Breast06 NCT04494425 jRCT2061200028 AstraZeneca	HER2 low/HR positive breast cancer, chemotherapy naïve	850	Randomized, open label, active control •DS-8201 •Physician's choice (capecitabine, paclitaxel or nab-paclitaxel)	Primary endpoint: PFS Secondary endpoint: OS, PFS, ORR, DOR, safety and etc.	JP/US/EU/ Asia	FPD: Aug 2020
Phase1b/2 DESTINY-Breast07 NCT04538742 AstraZeneca	HER2 positive breast cancer Part 1: 2L or later Part 2: 1L	350	Open label, two-part (dose escalation, dose expansion) •DS-8201+ durvalumab •DS-8201+ pertuzumab •DS-8201+ paclitaxel •DS-8201+ durvalumab + paclitaxel •DS-8201+ tucatinib •DS-8201	Primary endpoint: Safety Secondary endpoint: ORR, PFS, DOR, OS, PK and etc.	US/EU/ Asia	FPD: Jan 2021

Trastuzumab deruxtecan/DS-8201/T-DXd (HER2-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase1b DESTINY-Breast08 NCT04556773 AstraZeneca	HER2 low breast cancer Chemotherapy naïve, post chemotherapy	185	Open label, two-part (dose escalation, dose expansion) •DS-8201+ capecitabine •DS-8201+ durvalumab + paclitaxel •DS-8201+ capivasertib (AZD5363) •DS-8201+ anastrozole •DS-8201+ fulvestrant	Primary endpoint: Safety Secondary endpoint: ORR, PFS, DOR, OS, PK and etc.	US/EU/ Asia	FPD: Jan 2021
Phase3 DESTINY-Breast09 NCT04784715 jRCT2031210130 AstraZeneca	HER2 positive breast cancer, 1L	1134	Randomized, open label, active control •DS-8201 •DS-8201 + pertuzumab •Taxane + trastuzumab + pertuzumab	Primary endpoint: PFS Secondary endpoint: OS, PFS, ORR, DOR, PK, safety, etc.	US	FPD: Jun 2021
Phase 1b/2 BEGONIA NCT03742102 AstraZeneca	Triple negative breast cancer	140	Non-randomized, open label, combination with durvalumab •DS-8201 + durvalumab * Umbrella study of durvalumab led by AstraZeneca	Primary endpoint: Safety Secondary endpoint: ORR, PFS, DOR, OS, PK and etc.	US/EU/ Asia	FPD: May 2020
Phase 2 (pivotal) DESTINY-Gastric01 NCT03329690 JapicCTI-173727 AstraZeneca	HER2 overexpressing, gastric or gastroesophageal junction adenocarcinoma, 3L	220	Randomized, open label, active control •DS-8201 •Physician's choice (irinotecan or paclitaxel)	Primary endpoint: ORR Secondary endpoint: PFS, OS, DOR, DCR, TTF, ORR, PK	JP/Asia	FPD: Nov 2017 TLR: Jan 2020 Sep 2020: Approved (JP) Jan 2021: Approved (US) Mar 2018: SAKIGAKE Designation (JP) May 2020: Breakthrough Therapy Designation (US) May 2020: Orphan Drug Designation (US)
Phase 2 DESTINY-Gastric02 NCT04014075 AstraZeneca	HER2 positive gastric cancer, 2L	72	Open label •DS-8201	Primary endpoint: ORR Secondary endpoint: PFS, ORR, OS, DOR	US/EU	FPD: Dec 2019 TLR: Jun 2021

Trastuzumab deruxtecan/DS-8201/T-DXd (HER2-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1b/2 prep DESTINY-Gastric03 NCT04379596 jRCT2031200203 AstraZeneca	Part 1 HER2 overexpressing gastric or gastro-esophageal junction cancer, 2L Part 2 HER2 overexpressing gastric or gastro-esophageal junction cancer, 1L	250	Randomized, open label Part 1 •DS-8201 + fluorouracil •DS-8201 + capecitabine •DS-8201 + durvalumab •DS-8201 + oxaliplatin + fluorouracil •DS-8201 + capecitabine + oxaliplatin •DS-8201 + durvalumab + fluorouracil •DS-8201 + capecitabine + durvalumab Part 2 •DS-8201 •DS-8201 + oxaliplatin + fluorouracil or capecitabine •DS-8201 + durvalumab + fluorouracil or capecitabine •Trastuzumab + fluorouracil or capecitabine + cisplatin or oxaliplatin	Primary endpoint: Part 1: Safety, Part 2: ORR Secondary endpoint: ORR, safety, DOR, DCR, PFS, OS, PK	US/EU/Asia	FPD: Jun 2020
Phase 3 DESTINY-Gastric04 NCT04704934 AstraZeneca	HER2 positive gastric cancer or, gastro-esophageal junction cancer, 2L	490	Randomized, open label •DS-8201 •Ramucirumab + paclitaxel	Primary endpoint: OS Secondary endpoint: PFS, ORR, DOR, DCR, safety, PK, ADA and etc.	JP/US/EU/Asia	FPD: Jun 2021

Trastuzumab deruxtecan/DS-8201/T-DXd (HER2-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2 DESTINY-Lung01 NCT03505710 JapicCTI-183916 AstraZeneca	HER2 overexpressing or mutated NSCLC, 2L or later	170	Non-randomized, open label •DS-8201	Primary endpoint: ORR Secondary endpoint: ORR, DOR, PFS, OS	JP/US/EU	FPD: May 2018 TLR: Jun 2021 May 2020: Breakthrough Therapy Designation (US)
Phase 2 DESTINY-Lung02 NCT04644237 jRCT2061200038 AstraZeneca	HER2 mutated NSCLC, 2L or later	150	Randomized, double blind •DS-8201: 6.4mg/kg •DS-8201: 5.4mg/kg	Primary endpoint: ORR Secondary endpoint: ORR, DOR, DCR, PFS, OS, safety	JP/US/EU/ Asia	FPD: Mar 2021
Phase 1b DESTINY-Lung03 NCT04686305 AstraZeneca	HER2 positive NSCLC, 1L	120	Non-randomized, three-part (safety run-in, dose escalation, dose expansion) •DS-8201 + durvalumab + cisplatin •DS-8201 + durvalumab + carboplatin •DS-8201 + durvalumab + pemetrexed •DS-8201 + durvalumab	Primary endpoint: Safety Secondary endpoint: ORR, DOR, DCR, PFS, OS, PK and etc.	EU/Asia	FPD: FY2021 Q2 planned
Phase 2 HUDSON NCT03334617 AstraZeneca	NSCLC, 2L or later	320	Non-randomized, open label, combination with durvalumab •DS-8201 + durvalumab * Umbrella study of durvalumab led by AstraZeneca	Primary endpoint: ORR Secondary endpoint: DCR, ORR, DOR, PFS, OS	US/EU/ Asia	FPD: Jun 2020

Trastuzumab deruxtecan/DS-8201/T-DXd (HER2-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2 DESTINY-CRC01 NCT03384940 JapicCTI-173808 AstraZeneca	HER2 expressing colorectal cancer, 3L	90	Non-randomized, open label •DS-8201	Primary endpoint: ORR Secondary endpoint: PFS, OS, DOR, DCR, ORR, PK	JP/US/EU	FPD: Mar 2018 TLR: Oct 2019* *Results obtained for ASCO 2020
Phase 2 DESTINY-CRC02 NCT04744831 jRCT2051200124 AstraZeneca	HER2 expressing colorectal cancer, 3L	120	Randomized, double blind •DS-8201 : 6.4mg/kg •DS-8201 : 5.4mg/kg	Primary endpoint: ORR Secondary endpoint: DOR, DCR, PFS, OS, PK, PRO, safety	JP/US/EU/ Asia	FPD: Mar 2021
Phase 2 DESTINY-PanTumor01 NCT04639219 AstraZeneca	HER2 mutated tumors (e.g. colorectal cancer, urothelial cancer, gastric cancer, hepatobiliary cancer, endometrial cancer, melanoma, ovarian cancer, cervical cancer, salivary gland cancer, pancreatic cancer, breast cancer)	100	Open label •DS-8201	Primary endpoint: ORR Secondary endpoint: DOR, DCR, PFS, ORR, OS, safety	JP/US/EU/ Asia	FPD: Jan 2021
Phase 2 DESTINY-PanTumor02 NCT04482309	HER2 expressing tumors (bladder cancer, biliary tract cancer, cervical cancer, endometrial cancer, ovarian cancer, pancreatic cancer, rare tumors)	280	Non-randomized •DS-8201	Primary endpoint: ORR Secondary endpoint: DOR, DCR, PFS, OS	US/EU/ Asia	FPD: Oct 2020
Phase 1 NCT03523572 BMS	HER2 positive/low breast cancer HER2 positive/low urothelial (bladder) cancer	99	Non-randomized, open label, combination with nivolumab, two-part (dose escalation, dose expansion) •DS-8201+ nivolumab	Primary endpoint: ORR, safety Secondary endpoint: DOR, DCR, PFS, OS, ORR	US/EU	FPD: Aug 2018
Phase 1 NCT04042701 Merck	HER2 positive/low breast cancer HER2 expressing/mutated NSCLC	115	Non-randomized, open label, combination with pembrolizumab •DS-8201+ pembrolizumab	Primary endpoint: Safety, ORR Secondary endpoint: DOR, DCR, PFS, OS	US/EU	FPD: Apr 2020

Datopotamab deruxtecan/DS-1062/Dato-DXd (TROP2-directed ADC)

Antibody-drug conjugate which is composed of a humanized monoclonal antibody specifically targeting TROP2, antigen highly expressed on the cell membrane of cancer cells, and a covalently linked drug (payload) via a cleavable linker. Payload is a potent and membrane permeable DNA topoisomerase I inhibitor which enables elimination of both target tumor cells and the surrounding tumor cells. Drug-to-antibody ratio is approximately 4.

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 TROPION- PanTumor01 NCT03401385 JapicCTI-173812 AstraZeneca	NSCLC Triple negative breast cancer HR positive breast cancer The following may be evaluated in dose expansion: SCLC, endometrial cancer, pancreatic adenocarcinoma, HER2-negative gastric/gastroesophageal junction cancer, esophageal cancer, HNSCC, transitional cell carcinoma of the urothelium, CRC, ovarian cancer, cervical cancer, and prostate cancer	770	Open label, two-part (dose escalation, dose expansion) •DS-1062	Primary endpoint: Safety Secondary endpoint: PK, antitumor activity, anti-drug antibodies (ADA)	JP/US	FPD: Feb 2018
Phase 3 TROPION-Lung01 NCT04656652 jRCT2071200104 AstraZeneca	NSCLC (without actionable mutation), 2L/3L	590	Randomized, open label •DS-1062 •Docetaxel	Primary endpoint: PFS, OS Secondary endpoint: ORR, DOR, TTR, DCR, safety, PK, anti-drug antibodies (ADA)	JP/US/EU/ Asia	FPD: Feb 2021
Phase 1 TROPION-Lung02 NCT04526691 jRCT2031200193 Merck AstraZeneca	NSCLC (without actionable mutation), 2L/1L	120	Open label, combination with pembrolizumab, two-part (dose escalation, dose expansion) •DS-1062 + pembrolizumab ± platinum chemotherapy	Primary endpoint: Safety and tolerability Secondary endpoint: ORR, DOR, DCR, CBR, PFS, TTR, Best percentage change in SoD of measurable tumors, OS, PK, Immunogenicity (ADA)	JP/US/EU/ Asia	FPD: Oct 2020

Datopotamab deruxtecan/DS-1062/Dato-DXd (TROP2-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 TROPION-Lung04 NCT04612751 jRCT2031200449 AstraZeneca	NSCLC (without actionable mutation), 2L/1L	120	Open label, combination with durvalumab, two-part (dose escalation, dose expansion) •DS-1062 + durvalumab± platinum chemotherapy	Primary endpoint: Safety and tolerability Secondary endpoint: ORR, DoR, DCR, CBR, PFS, TTR, Best percentage change in SoD of measurable tumors, OS, PK, Immunogenicity (ADA)	JP/US/EU/ Asia	FPD: Mar 2021
Phase 2 TROPION-Lung05 NCT04484142 jRCT2041200097 AstraZeneca	NSCLC (with actionable mutation)	150	open label •DS-1062	Primary endpoint: ORR Secondary endpoint: DOR, PFS, OS, safety, PK, anti-drug antibodies (ADA)	JP/US/EU/ Asia	FPD: Mar 2021
Phase 1b/2 BEGONIA NCT03742102 AstraZeneca	Triple negative breast cancer	140	Non-randomized, open label, combination with durvalumab •DS-1062+ durvalumab * Umbrella study of durvalumab led by AstraZeneca	Primary endpoint: Safety Secondary endpoint: ORR, PFS, DOR, OS, PK, etc.	US/EU/ Asia	FPD: May 2021

Patritumab deruxtecan/U3-1402/HER3-DXd (HER3-directed ADC)

Antibody-drug conjugate which is composed of fully human monoclonal antibody specifically targeting HER3, one of the Epidermal Growth Factor Receptor (EGFR) family proteins, and a covalently linked drug (payload) via a cleavable linker. Payload is a potent and membrane permeable DNA topoisomerase I inhibitor which enables elimination of both target tumor cells and the surrounding tumor cells. Drug-to-antibody ratio is approximately 8.

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1/2 NCT02980341 JapicCTI-163401	Breast cancer	180	Randomized, open label, two-part (dose escalation, dose expansion) •U3-1402	Primary endpoint: Safety, antitumor effect Secondary endpoint: PK	JP/US	FPD: Dec 2016
Phase 1 NCT03260491 JapicCTI-194868	NSCLC	198	Non-randomized, open label, two-part (dose escalation, dose expansion) •U3-1402	Primary endpoint: Safety, ORR Secondary endpoint: PK, ORR, DCR, DOR, PFS, OS, safety	JP/US/EU /Asia	FPD: Feb 2018
Phase 2 HERTHENA-Lung01 NCT04619004 jRCT2031200186	EGFR mutated NSCLC	420	Randomized, open label •U3-1402	Primary endpoint: ORR Secondary endpoint: DOR, PFS, ORR, DCR, TTR, OS, safety	JP/US/EU /Asia	FPD: Feb 2021
Phase 1 NCT04676477 jRCT2031200247 AstraZeneca	EGFR mutated NSCLC	252	Non-randomized, open label, two-part (dose escalation, dose expansion) •U3-1402 + Osimertinib	Primary endpoint: safety, ORR Secondary endpoint: ORR, DOR, DCR, TTR, PFS, OS, safety, PK, and etc.	JP/US	FPD: Jun 2021
Phase 2 NCT04479436 jRCT2031200139	CRC, 3L or later	80	Non-randomized, open label •U3-1402	Primary endpoint: safety, ORR Secondary endpoint: DOR, ORR, DCR, TTR, PFS, OS, safety, PK	JP/US/EU	FPD: Sep 2020

Alpha (Oncology Late-Stage Pipeline Products)

Quizartinib/AC220 (FLT3 inhibitor)

Kinase inhibitor against a receptor-type tyrosine kinase, FLT3. Therapeutic effect for patients with acute myeloid leukemia harboring FLT3-ITD mutation is expected.

Brand name: VANFLYTA (JP)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 QuANTUM-R NCT02039726	Acute myeloid leukemia, relapsed/refractory	367	Randomized, open label, active-controlled • Quizartinib • Chemotherapy	Primary endpoint: OS Secondary endpoint: EFS	JP/US/EU/Asia	FPD: May 2014 TLR: May 2018 Jun 2019: received CRL (US) Oct 2019: launched (JP) Oct 2019: received negative CHMP opinion (EU) Mar 2009: Orphan Drug Designation (US/EU) Submission strategy in US/EU/Asia is under discussion, together with 1L indication
Phase 3 QuANTUM-First NCT02668653 JapicCTI-173667	Acute myeloid leukemia, 1L	539	Randomized, double-blind, placebo-controlled • Quizartinib + chemotherapy • Placebo + chemotherapy	Primary endpoint: OS Secondary endpoint: EFS and etc.	JP/US/EU/Asia	FPD: Sep 2016 Data anticipated: FY2021 3Q Mar 2009: Orphan Drug Designation (US/EU)

Pexidartinib/PLX3397 (CSF-1/KIT/FLT3 inhibitor)

The molecular-targeted agent to inhibit CSF-1R, KIT and FLT3. This agent is expected to reduce tumor cell proliferation and expansion of metastases.

Brand name: TURALIO (US)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 ENLIVEN NCT02371369	Tenosynovial giant cell tumor	120	Randomized, double-blind, placebo-controlled • Pexidartinib • Placebo	Primary endpoint: ORR Secondary endpoint: Safety, DOR and etc.	US/EU/ Asia	FPD: May 2015 TLR: Oct 2017 Aug 2019: launched (US) Jun 2020: received negative CHMP opinion (EU)
Phase 3 NCT04488822	Tenosynovial giant cell tumor	35	Open label • Pexidartinib	Primary endpoint: PR, CR rate Secondary endpoint: TVS, ROM, PROMIS and etc.	Asia	FPD: Sep 2020
Phase 2 jRCT2041200074	Tenosynovial giant cell tumor	21	Open label • Pexidartinib	Primary endpoint: Safety, PR, CR rate Secondary endpoint: Safety, TVS, ROM, PROMIS, and etc.	JP	FPD: Apr 2021

Teserpaturev/DS-1647/G47Δ (oncolytic HSV-1)

The third generation oncolytic herpes simplex virus type 1 (HSV-1), genetically-engineered to restrict virus replication to tumor cells. This oncolytic virus therapy is expected equal or better safety and better efficacy profile compare to existing oncolytic virus.

Brand name: DELYTACT (JP)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2/IIS (pivotal) ActiVec Inc.	Malignant glioma	30	Non-randomized, open label • DS-1647/G47Δ	Primary endpoint: 1-year survival rate Secondary endpoint: OS, PFS, tumor response	JP	TLR: FY2018 Q4 Dec 2020: Submitted Jun 2021: Approved Feb 2016: SAKIGAKE Designation Jul 2017: Orphan Drug Designation

Axicabtagene ciloleucel/Axi-Cel™ (anti-CD19 CAR-T cells)

Chimeric antigen receptor T (CAR-T), which is a cell therapy directed against CD19, an antigen expressed on the surface of B-cell malignant lymphoma cells.
Brand name: YESCARTA (JP)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2 JapicCTI-183914 Kite/Gilead	Relapsed/refractory large B-cell lymphoma	10	Non-randomized, open label •Axicabtagene ciloleucel	Primary endpoint: ORR Secondary endpoints: Safety, ORR, DOR, PFS, OS, PK	JP	FPD: Nov 2018 Jan 2021: Approved Oct 2018: Orphan Drug Designation

Valemetostat/DS-3201 (EZH1/2 inhibitor)

Inhibitor of histone methylases, EZH1 and EZH2. Some cancer cells grow dependently on these enzymes.

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2 (pivotal) NCT04102150 JapicCTI-194964	Adult T-cell leukemia/lymphoma	25	Open label •DS-3201	Primary endpoint: ORR Secondary endpoint: ORR, CR rate, DOR, PFS, OS and etc.	JP	FPD: Dec 2019 TLR: Jul 2021
Phase 2 (pivotal) VALENTINE-PTCL01 NCT04703192 jRCT2071200095	Relapsed/ refractory peripheral T-cell lymphoma	176	Randomized, open label •DS-3201	Primary endpoint: ORR Secondary endpoint: DOR, CR rate, safety, and etc.	JP/US/EU/ Asia	FPD: Jun 2021 Apr 2019: SAKIGAKE Designation for peripheral T-cell lymphoma (JP)
Phase 1 NCT02732275 JapicCTI-163173	Non-Hodgkin's lymphomas	100	Open label •DS-3201	Primary endpoint: Safety, PK, antitumor effect Secondary endpoint: ORR, DCR, DOR, PFS and etc.	JP/US	FPD: Apr 2016
Phase 1 NCT03110354	Acute myeloid leukemia, acute lymphoblastic leukemia	48	Open label •DS-3201	Primary endpoint: Safety Secondary endpoint: PK, antitumor effect	US	FPD: Mar 2017 Study closure: Jun 2021

Alpha (Oncology Early-Stage Pipeline Products)

DS-1001 (Mutant IDH1 inhibitor)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT03030066 JapicCTI-163479	Glioma	47	Open label •DS-1001	Primary endpoint: Safety Secondary endpoint: Safety, PK, antitumor effect	JP	FPD: Jan 2017
Phase 2 NCT04458272 JapicCTI-205339	Glioma	25	Open label •DS-1001	Primary endpoint: ORR, safety Secondary endpoint: TTR, DOR, PFS, OS, PK	JP	FPD: Jul 2020

PLX2853 (BET inhibitor)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT03787498	Relapsed/refractory acute myeloid leukemia, myelodysplastic syndrome	36	Open label •PLX2853	Primary endpoint: Safety, PK Secondary endpoint: ORR, DOR, EFS, PFS, OS	US	FPD: Mar 2019
Phase 1 NCT03297424	Advanced malignancies	166	Open label •PLX2853	Primary endpoint: Safety, PK, antitumor effect Secondary endpoint: ORR, DOR, PFS, OS	US	FPD: Sep 2017
Phase 1b/2a NCT04493619	Gynecologic neoplasms Epithelial ovarian cancer	67	Non-randomized, open label •PLX2853 + carboplatin	Primary endpoint: ORR, MTD, RP2D Secondary endpoint: Safety, DOR, DCR, PFS, OS, PK	US	FPD: Aug 2020
Phase 1/2 NCT04556617	Prostate cancer	110	Non-randomized, open label •PLX2853 + abiraterone + prednisone •PLX2853 + abiraterone + olaparib	Primary endpoint: ORR, safety Secondary endpoint: PFS, OS, PK and etc.	US	FPD: Sep 2020

DS-7300 (B7-H3-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1/2 NCT04145622 JapicCTI-194992	Solid tumors	160	Non-randomized, open label, two-part (dose escalation, dose expansion) •DS-7300	Primary endpoint: Safety, antitumor effect Secondary endpoint: PK and etc.	JP/US	FPD: Oct 2019

DS-6157 (GPR20-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT04276415 JapicCTI-205184	Gastrointestinal stromal tumors	100	Non-randomized, open label, two-part (dose escalation, dose expansion) •DS-6157	Primary endpoint: Safety, ORR, DOR, DCR, PFS Secondary endpoint: PK, ORR, DOR, DCR, PFS and etc.	JP/US	FPD: May 2020

DS-1055 (anti-GARP antibody)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT04419532 JapicCTI-205292	Solid tumors	40	Non-randomized, open label •DS-1055	Primary endpoint: Safety Secondary endpoint: PK, anti-drug antibodies and etc.	JP/US	FPD: Oct 2020

DS-6000 (CDH6-directed ADC)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT04707248	Renal cell carcinoma, ovarian cancer	102	Non-randomized, open label, two-part (dose escalation, dose expansion) •DS-6000	Primary endpoint: Safety Secondary endpoint: PK, ORR, DOR, DCR and etc.	US	FPD: Jan 2021

DS-1594 (Menin-MLL binding inhibitor)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1/2 NCT04752163 MD Anderson	Acute myeloid leukemia, acute lymphoblastic leukemia	122	Non-randomized, open label •DS-1594 •DS-1594 + venetoclax + azacitidine •DS-1594 + mini HCVD	Primary endpoint: Safety, CR rate Secondary endpoint: CR rate, MLFS rate, PR rate, ORR, DOR, EFS, OS, mortality rate, etc.	US	FPD: Apr 2021

Alpha (Specialty Medicines Late-Stage Pipeline Products)

Edoxaban/DU-176b (Factor Xa inhibitor)

The once daily oral anti coagulant (Factor Xa inhibitor) discovered by Daiichi Sankyo. Edoxaban specifically, reversibly and directly inhibits the enzyme, Factor Xa, a clotting factor in the blood.
Brand name: LIXIANA (JP/EU/ Asia), SAVAYSA (US)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 NCT02801669 JapicCTI-163266	Very elderly patients with non-valvular atrial fibrillation	984	Randomized, double-blind, placebo-controlled • Edoxaban • Placebo	Primary endpoint: annual incidence rate of stroke and systemic embolic events Secondary endpoint: annual incidence rate of bleeding events	JP	FPD: Aug 2016 TLR: Apr 2020 Submission: Sep 2020 Approval anticipated: FY2021 Q2

Prasugrel/CS-747 (ADP receptor inhibitor)

Oral antiplatelet agents. Inhibits arterial stenosis and occlusion by inhibiting platelet aggregation.
Brand name: EFIENT (JP/EU), EFFIENT (US/Asia)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 JapicCTI-184141	Ischemic stroke	250	Randomized, double-blind, active-controlled • Prasugrel • Clopidogrel	Primary endpoint: incidence rate of cerebro-cardiovascular events Secondary endpoint: incidence rate of bleeding events	JP	FPD: Oct 2018 TLR: Jun 2020 Submission: Dec 2020 Approval anticipated: FY2021 Q3

Mirogabalin/DS-5565 ($\alpha_2\delta$ ligands)

The pain therapy agent to reduce the neurotransmitter release from nerve terminals. This agent is expected to show the good balanced efficacy and safety profile.
Brand name: TARLIGE (JP)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 NCT03901352 JapicCTI-194653	Central neuropathic pain	274	Randomized, double-blind, placebo-controlled • Mirogabalin • Placebo	Primary endpoint: average daily pain score Secondary endpoint: visual analogue scale, average daily sleep interference score	JP/Asia	FPD: Mar 2019 TLR: Dec 2020 Submission: May 2021
Phase 3 NCT04094662	Diabetic peripheral neuropathic pain	360	Randomized, double-blind, placebo-controlled • Mirogabalin • Placebo	Primary endpoint: average daily pain score Secondary endpoint: visual analogue scale, average daily sleep interference score	China	FPD: Sep 2019

Esaxerenone/CS-3150 (MR blocker)

The agent inhibits aldosterone binding to Mineralocorticoid Receptor (MR) which stimulate the sodium absorption into kidney. This agent is expected to exhibit antihypertensive and organ-protective effect.

Brand name: MINNEBRO (JP)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 JapicCTI-173695 Exelixis, Inc.	Diabetic nephropathy	400	Randomized, double-blind, placebo-controlled • Esaxerenone • Placebo	Primary endpoint: UACR remission rate Secondary endpoint: change rate in UACR and eGFR and etc.	JP	FPD: Sep 2017 TLR: Jul 2019

Alpha (Specialty Medicines Early-Stage Pipeline Products)

Renadirsen Sodium/DS-5141 (ENA-oligonucleotides)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1/2 NCT02667483 JapicCTI-153072 ODTI	Duchenne muscular dystrophy	8	Open label •DS-5141	Primary endpoint: Safety, PK, dystrophin protein expression in muscle tissue Secondary endpoint: production of exon 45-skipped dystrophin mRNA in muscle tissue	JP	FPD: Oct 2015 TLR: Dec 2020 Apr 2017: SAKIGAKE Designation Apr 2018: announced TLR of 12-week treatment study Jun 2021: announced TLR of 48-week treatment study
Phase 2 NCT04433234 JapicCTI-205321	Duchenne muscular dystrophy	8	Long-term study of above phase 1/2 study •DS-5141	Endpoint: Safety, motor function, respiratory function, cardiac function, quantitative muscle strength evaluation, PK	JP	

DS-1211 (TNAP inhibitor)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 2 prep	Pseudoxanthoma elasticum				US	SAD and MAD studies completed

DS-2741 (anti-Orai1 antibody)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT04211415 JapicCTI-195071	Healthy volunteers, atopic dermatitis	75	Randomized, double-blind, placebo-controlled	Primary endpoint: Safety Secondary endpoint: PK	JP	FSD: Jan 2020 Development discontinued: Jun 2021

DS-2319 (Nafamostat inhalation)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 jRCT2051200153	Healthy volunteers, COVID-19	76	Randomized, double-blind, placebo-controlled	Primary endpoint: Safety Secondary endpoint: PK	JP	FSD: Mar 2021 Development discontinued: Jun 2021

DS-6016 (anti-ALK2 antibody)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT04818398 jRCT2051200155	Healthy volunteers, progressive ossifying fibrodysplasia	48	Randomized, double-blind, placebo-controlled	Primary endpoint: Safety Secondary endpoint: PK	JP	FSD: Apr 2021

Alpha (Vaccine)

VN-0107/MEDI3250 (live attenuated influenza vaccine)

The US brand name of this vaccine is FluMist Quadrivalent that is a live attenuated influenza vaccine which is administered as a nasal spray and contains four protective strains.

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 JapicCTI-163400 AstraZeneca/ MedImmune	Prevention of seasonal influenza	782	Randomized, double-blind, placebo-controlled •VN0107 •Placebo	Primary endpoint: onset of influenza, safety Secondary endpoint: onset of influenza	JP	Jun 2016: Submitted by Daiichi Sankyo

VN-0102/JVC-001 (mixed measles-mumps-rubella vaccines)

Trivalent mixed vaccine (MMR vaccine) containing three attenuated viruses of measles (Measles), mumps (Mumps) and rubella (Rubella), which has not been approved in Japan.

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 3 JapicCTI-205118	Prevention of measles, mumps and rubella in healthy Japanese children aged 12 months or more and less than 24 months	840	Randomized, active-controlled •VN-0102/JVC-001 •Dry Live Attenuated Measles Rubella vaccine, Freeze-dried Live Attenuated Mumps vaccine	Primary endpoint: Seroprotection rates for measles, mumps and rubella Secondary endpoint: Seroconversion rates for measles, mumps, and rubella	JP	FSD: Feb 2020 LSD: Sep 2020 Data anticipated: FY2022 Q1

DS-5670 (COVID-19 mRNA vaccines)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1/2 NCT04821674 jRCT2071200110	Health adults and elderly, prevention of COVID-19	152	Randomized, placebo-controlled •DS-5670 •Placebo	Primary endpoint: safety, immunogenicity Secondary endpoint: immunogenicity, PK	JP	FSD: Mar 2021

VN-0200 (RS virus vaccines)

Study name	Population	Sample size	Study Design	Evaluation Items	Region	Status
Phase 1 NCT04914520 jRCT2031210069	Health adults and elderly	48	Randomized, placebo-controlled •VN-0200 •Placebo	Primary endpoint: safety, tolerability Secondary endpoint: immunogenicity	JP	FSD: Jun 2021

◆ Stage-up Projects (Major Changes from the FY2020 Q4 Financial Announcement in April 2021)

Generic Name/Project Code Number Mechanism of action	Target indication	Current stage	Note
Trastuzumab deruxtecan/DS-8201/ T-DXd HER2-directed ADC	HER2 positive breast cancer, 1L	P3	DESTINY-Breast09
Trastuzumab deruxtecan/DS-8201/ T-DXd HER2-directed ADC	HER2 positive gastric cancer or, gastro-esophageal junction cancer, 2L	P3	DESTINY-Gastric04
Datopotamab deruxtecan/DS-1062/ Dato-DXd TROP2-directed ADC	Triple negative breast cancer	P1b/2	Addition of cohort to BEGONIA study, combination with durvalmab
Patritumab deruxtecan/U3-1402/ HER3-DXd HER3-directed ADC	EGFR mutated NSCLC	P1	Combination with osimertinib
Teserpaturev/ DS-1647/G47Δ Oncolytic HSV-1	Malignant glioma	Approved	Japan
Valemetostat/DS-3201 EZH1/2 inhibitor	Relapsed/ refractory peripheral T- cell lymphoma	P2	VALENTINE-PTCL01
Mirogabalin/DS-5565 α2δ ligands	Central neuropathic pain	Submitted	Japan

◆ **Stage-up Projects (Major Changes from the FY2020 Q4 Financial Announcement in April 2021)**

Generic Name/Project Code Number Mechanism of action	Target indication	Current stage	Note
VN-0200 RS virus vaccine	Prevention of RS virus infection	P1	JP

◆ **Discontinued Project (Major Changes from the FY2020 Q4 Financial Announcement in April 2020)**

Generic Name/Project Code Number Mechanism of action	Target indication	Stage	Discontinued reasons
DS-2741 anti-Orai1 antibody	Atopic dermatitis	P1	Decided to discontinue the development based on the data of ongoing Ph1 study.
DS-2319 Nafamostat inhalation	COVID-19	P1	Decided to discontinue the development based on the data of ongoing non-clinical studies and Ph1 study.