Passion for Innovation. Compassion for Patients.™



# FY2023 Q2 Financial Results Presentation

# DAIICHI SANKYO CO., LTD.

Hiroyuki Okuzawa

**Representative Director, President & COO** 

October 31, 2023

# **Forward-Looking Statements**



Management strategies and plans, financial forecasts, future projections and policies, and R&D information that Daiichi Sankyo discloses in this material are all classified as Daiichi Sankyo's future prospects. These forward-looking statements were determined by Daiichi Sankyo based on information obtained as of today with certain assumptions, premises and future forecasts, and thus, there are various inherent risks as well as uncertainties involved. As such, please note that actual results of Daiichi Sankyo may diverge materially from Daiichi Sankyo's outlook or the content of this material. Furthermore, there is no assurance that any forward-looking statements in this material will be realized. Regardless of the actual results or facts, Daiichi Sankyo is not obliged and does not have in its policy the duty to update the content of this material from the date of this material onward.

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### Agenda

# **1** FY2023 Q2 Financial Results

# 2 Strategic Collaboration

**3** FY2023 Forecast/ Annual Dividend

**4** Business Update

**5** R&D Update





### **Overview of FY2023 Q2 Results**



				(Bn JPY)
		FY2022 Q2 YTD Results	FY2023 Q2 YTD Results	ΥοΥ
Revenue		607.8	726.3	+19.5% 118.5
Cost of sales *		159.4	188.4	29.0
SG&A expenses	*	209.8	276.6	66.9
R&D expenses*	k	153.9	166.0	12.2
Core operating profit*		84.8	95.3	+12.4% 10.5
Temporary inco	ome*	10.8	0.7	-10.1
Temporary expe	enses*	0.0	1.0	0.9
Operating profit		95.6	95.1	-0.5% -0.5
Profit before ta	Х	91.3	102.1	10.8
Profit attributable t of the Company	o owners	58.3	97.0	+66.4% 38.7
Currency	USD/JPY	133.98	141.00	+7.02
Rate	EUR/JPY	138.72	153.38	+14.66

\*As an indicator of ordinary profitability, "core operating profit" which excludes temporary income and expenses from operating income is disclosed. Income and expenses 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 income and expenses".

Temporary income and expenses are excluded from results and forecast for cost of sales, SG&A expenses and R&D expenses shown in the list above. The adjustment table from operating profit to core operating profit is stated in the reference data

### Revenue



#### **Increased by 118.5 Bn JPY** (Increased by 93.0 Bn JPY excl. forex impact)

FY2022 Q2 YTD Results 607.8 Japan Business (incl. Innovative Pharmaceuticals, 18.7 **Generic**, Vaccines, OTC) **Oncology Business**<sup>\*1</sup> 70.7 **American Regent** 0.3 6.3 **EU Specialty Business** ASCA 11.0 (Asia, South and Central America) Enhertu, Dato-DXd<sup>\*2</sup> 13.4 **Upfront/Quid Payment & Regulatory/Sales Milestone** 25.5 Forex Impact<sup>\*3</sup> FY2023 Q2 YTD Results 726.3 Positive Factors Negative Factors

\*1 Revenue for Daiichi Sankyo, Inc. and Daiichi Sankyo Europe's oncology products

\*2 Dato-DXd: Datopotamab deruxtecan (DS-1062)

\*3 Forex impact USD: +11.4, EUR : +11.9, ASCA: +2.2

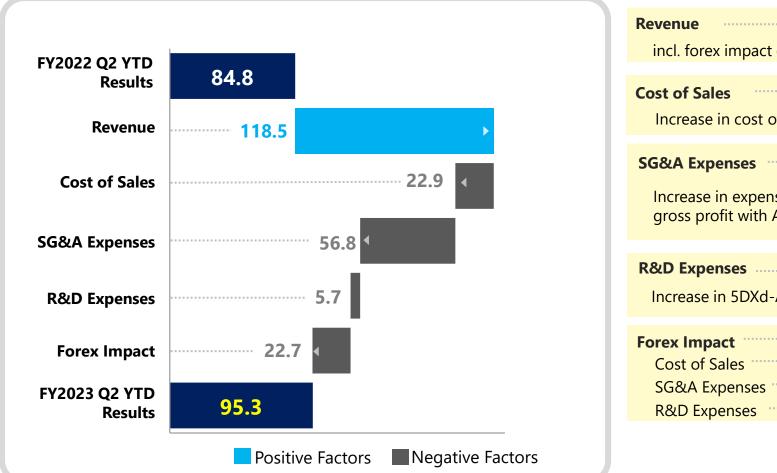
-	(Bn JPY)
Positive Factors	Negative Factors
Japan Business Unit Lixiana +6.4 Enhertu +5.2 Tarlige +4.4 Daiichi Sankyo Healthcare +3.8	
Oncology Business <sup>*1</sup> Unit Enhertu +68.9 Vanflyta +1.1	
American Regent UnitVenofer+2.6	Injectafer -3.0
EU Specialty Business Unit Lixiana +5.6 Nilemdo/ Nustendi +3.4	Olmesartan -1.5
ASCA (Asia, South and Central Ameri Enhertu +11.2	ca) Business Unit
-	d Payment & Regulatory Milestone

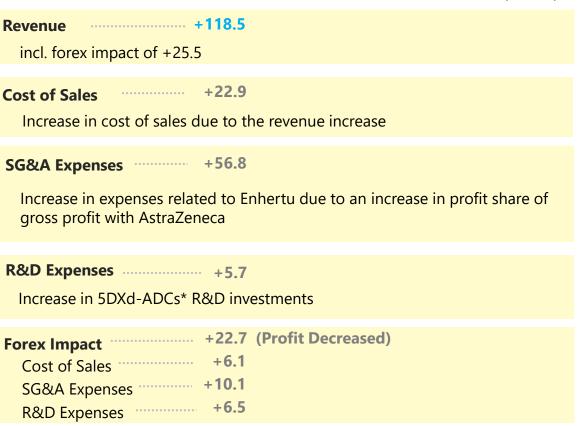
## **Core Operating Profit**



(Bn JPY)

**Increased by 10.5 Bn JPY** (Increased by 7.7 Bn JPY excl. forex impact)





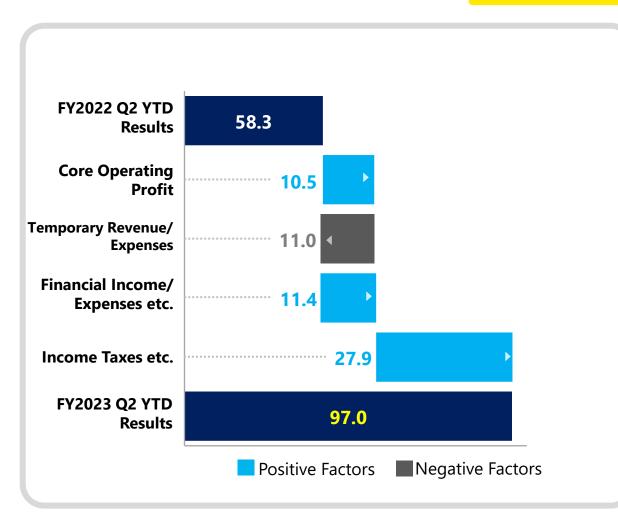
\*ENHERTU®: trastuzumab deruxtecan (International Nonproprietary Name: INN), T-DXd, DS-8201 (HER2-directed ADC), Dato-DXd: datopotamab deruxtecan (INN), DS-1062 (TROP2-directed ADC), HER3-DXd: patritumab deruxtecan (INN), U3-1402 (HER3-directed ADC), I-DXd: ifinatamab deruxtecan, DS-7300 (B7-H3-directed ADC), R-DXd: raludotatug deruxtecan, DS-6000 (CDH6-directed ADC)

# **Profit Attributable to Owners of the Company**



#### Increased by 38.7 Bn JPY

(Bn JPY)



Temp	Temporary Income/Expenses						
	FY2022 Q2 FY2023 Q2 YoY YTD YTD YTD						
	Temporary Income10.8*10.7-10						
	Temporary Expenses	0	1.0	+0.9			
*1	*1 Gains related to sales of subsidiary of Daiichi Sankyo (China) (6.0) Gains on reversal related to closure of Plexxikon (3.2)						
•    •    V	<ul> <li>Financial Income/Expenses etc. +11.4 (Profit Increased)</li> <li>Increase in interest income +5.8</li> <li>Improvement in investment securities +4.2 valuation gains/losses</li> <li>Improvement in forex gains/losses +2.7</li> </ul>						
Inco	me Taxes etc.	-27.	.9				

	FY2022 Q2 YTD Results	FY2023 Q2 YTD Results	ΥοΥ
Profit before Tax	91.3	102.1	+10.8
Income Taxes etc.	33.0	5.1	-27.9
Tax rate	36.1%	5.0%	-31.1%

### **Revenue: Business Units (incl. Forex Impact)**



				(Bn JPY)
		FY2022 Q2 YTD	FY2023 Q2 YTD	ΥοΥ
		Results	Results	
Japan Business		225.1	246.8	+21.8
Daiichi Sankyo Healthcare		33.6	37.4	+3.8
Oncolgy Business		70.7	148.8	+78.1
Enhertu		69.0	145.1	+76.1
Turalio		1.7	2.6	+0.9
American Regent		94.1	98.7	+4.6
Injectafer		27.4	25.7	-1.7
Venofer		25.0	29.1	+4.1
GE injectables		36.4	37.3	+0.9
EU Specialty Business		71.8	86.4	+14.6
Lixiana		55.8	67.9	+12.1
Nilemdo/Nustendi		2.8	6.8	+4.0
Olmesartan		9.8	9.2	-0.6
ASCA (Asia, South and Central	America) Business	69.8	83.0	+13.2
_				
Currency	USD/JPY	133.98	141.00	+7.02
Rate	EUR/JPY	138.72	153.38	+14.66

# **Revenue: Major Products in Japan**



#### (Bn JPY)

		FY2022 Q2 YTD Results	FY2023 Q2 YTD Results	ΥοΥ
Lixiana	anticoagulant	50.7	57.1	+6.4
Pralia	treatment for osteoporosis/ inhibitor of the progression of bone erosion associated with rheumatoid arthritis	19.3	21.1	+1.7
Tarlige	pain treatment	18.3	22.7	+4.4
Vimpat	anti-epileptic agent	10.6	12.7	+2.1
Ranmark	treatment for bone complications caused by bone metastases from tumors	10.1	10.3	+0.2
Tenelia	type 2 diabetes mellitus treatment	11.0	10.5	-0.5
Enhertu	anti-cancer agent (HER2-directed antibody drug conjugate)	5.2	10.4	+5.2
Efient	antiplatelet agent	9.9	12.4	+2.5
Canalia	type 2 diabetes mellitus treatment	8.1	8.1	+0.0
Loxonin	anti-inflammatory analgesic	9.4	8.0	-1.4
Emgality	prophylaxis of migraine attacks	3.0	3.6	+0.5



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# **Overview of Strategic Collaboration**

- Daiichi-Sankyo
- Co-development and co-commercialization of HER3-DXd, I-DXd (DS-7300), R-DXd (DS-6000) with Merck & Co., Inc., Rahway, NJ, USA (MRK)
  - > Maximize the value of 3 products by accelerating and expanding development
  - > Allocate resource rapidly with flexibility to new growth drivers following 5DXd-ADCs, post DXd-ADC modalities, etc.

#### **Development**

 Co-development as monotherapy and combination therapy for HER3-DXd,
 I-DXd (DS-7300), R-DXd (DS-6000)



 MRK will be responsible for 75% of the first 2 Bn USD of R&D expenses for each product, and the companies will share R&D expenses equally thereafter

#### Manufacturing

Daiichi Sankyo will manufacture and supply all 3 products

### \*

#### Commercial

Global (excluding Japan): The companies will co-promote and share gross profit and promotional expenses etc.

#### **→** Japan:

**Daiichi Sankyo** will **solely commercialize** and **pay royalty** to MRK

#### Sales booking

Daiichi Sankyo will book product sales in all countries/regions where Daiichi Sankyo has local operations (including Japan)

# **Financial Terms for Strategic Collaboration**



# <u>Up to 22.0 Bn USD (3,300.0 Bn JPY)</u> in total

(1USD=150JPY)

#### Upfront payments <u>4.5 Bn USD (675.0 Bn JPY)</u>: 1.5 Bn USD×3 products

	HER3-DXd	I-DXd (DS-7300)	R-DXd (DS-6000)	Total
Upon contract execution	0.75 Bn USD	1.5 Bn USD	0.75 Bn USD	3.0 Bn USD
12 months after execution	0.75 Bn USD	-	-	0.75 Bn USD
24 months after execution	-	-	0.75 Bn USD	0.75 Bn USD
Total	1.5 Bn USD	1.5 Bn USD	1.5 Bn USD	4.5 Bn USD

MRK may elect not to pay the two upfront payments of 0.75 Bn USD each that are due after 12 months and after 24 months, respectively. If MRK opts out of HER3-DXd and/or R-DXd, the upfront payments already paid will be retained by DS and rights related to such products will be returned to DS

Received upfront payments will be deferred and booked as revenue considering the estimated exclusivity period

#### R&D expenses related refundable upfront payments <u>1.0 Bn USD (150.0 Bn JPY)</u>: 0.5 Bn USD×2 products (HER3-DXd,I-DXd)

- MRK will be responsible for 75% of the first 2 Bn USD of R&D expenses for each product (MRK to bear 0.5 Bn USD more than DS compared to equal share)
- 0.5 Bn USD for HER3-DXd and I-DXd, respectively to be paid upon contract execution as R&D expenses related refundable upfront payments (Pro-rated portion may be refundable in the event of early termination of development for both products).
   As for R-DXd, 75% of R&D expenses will be paid by MRK as they are incurred
  - Accounting treatment is not yet determined

#### Sales milestones Up to 16.5 Bn USD (2,475.0 Bn JPY): Up to 5.5 Bn USD×3 products

Received sales milestones will be booked as revenue in the year of achievement

### How R&D Expenses will be Shared, and How Cash will be Paid



#### How R&D expenses for 3 products will be shared between the companies **R&D** expenses for each product MRK will be responsible for 75% of the first 2 Bn USD of R&D expenses (1) 50% 50% for each product (MRK will bear 0.5 Bn USD (25% of 2 Bn USD) more than DS **2 Both Companies will share R&D expenses** compared to 50% : 50% share) equally for each product MRK and DS will share R&D expenses equally thereafter for each product Exceeding 2 Bn USD How cash for R&D expenses of 0.5 Bn USD (25% of the first 2 Bn USD), which MRK will bear more than DS compared to 50% : 50% share, will be paid HER3-DXd, I-DXd (DS-7300) 1 MRK will be 0.5 Bn USD • Will be paid upon contract execution as "R&D expenses related responsible for 75% (25% of the and DS will be refundable upfront payments" (Pro-rated portion may be refundable in the first 2 Bn responsible for 25% JSD) ,which event of early termination of development for both products) Up to MRK will of the first 2 Bn USD bear more 2 Bn USD of R&D expenses • Amount equivalent to 25% of R&D expenses will be appropriated from than DS for each product compared "R&D expenses related refundable upfront payments" as they are incurred to 50% : 50% share **R-DXd (DS-6000)** $\checkmark$ • Will not be paid upon contract execution as "R&D expenses related 75% 25% refundable upfront payments" MRK will be responsible • To be paid as R&D expenses are incurred

#### 13

DS will be responsible



### Agenda

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### **3 FY2023 Forecast/ Annual Dividend**

**4** Business Update

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### **Revision to the forecast**



		FY2023	FY2023	(THU)
		Forecast (as of Apr.)	Forecast (as of Oct.)	vs. Forecast as of Apr.
Revenue		1,450.0	1,550.0	+100.0
Cost of sales *		400.0	410.0	+10.0
SG&A expenses	*	550.0	610.0	+60.0
R&D expenses *	<	360.0	375.0	15.0
Core operating profit*		140.0	155.0	+15.0
Temporary inco	me*	-	-	-
Temporary expe	enses*	5.0	5.0	-
Operating pro	ofit	135.0	150.0	+15.0
Profit before	tax	135.0	160.0	+25.0
Profit attributable to of the Company	o owners	115.0	135.0	+20.0
Currency	USD/JPY	130.00	143.00	+13.00
Rate	EUR/JPY	140.00	154.19	+14.19

Assumption of currency rate for Q3 and Q4 : USD/JPY 145, EUR/JPY 155

#### Rev

(Bn JPY)

Revenue + : Increase by forex, sales increase mainly driven by Enhertu growth, increase by deferred revenue of upfront payment associated with strategic collaboration with Merck & Co., Inc., Rahway, NJ, USA for 3 DXd-ADC products Sales decrease of GE injectables in ARU **Cost of sales •** : Increase by forex impact, • Improvement in cost of sales ratio by change in product mix SG&A Expenses +: Increase by forex impact Increase in profit share of gross profit with AstraZeneca due to sales expansion of Enhertu, **R&D** Expenses **•** : Increase by forex impact, increase due to acceleration of the development of **DXd-ADC** products Commencement of cost sharing for 3 DXd-ADC products with Merck & Co., Inc., Rahway, NJ, USA **Profit before tax •** : Increase in financial income due to rising interest rates in the U.S.

# Forex<br/>Impact<br/>vs. as of Apr.Revenue +80.0 Bn JPY<br/>Core operating profit -6.0 Bn JPY

\* As an indicator of ordinary profitability, "core operating profit" which excludes temporary income and expenses from operating income is disclosed.

Income and expenses 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 income and expenses".

Temporary income and expenses are excluded from results and forecast for cost of sales, SG&A expenses and R&D expenses shown in the list above.

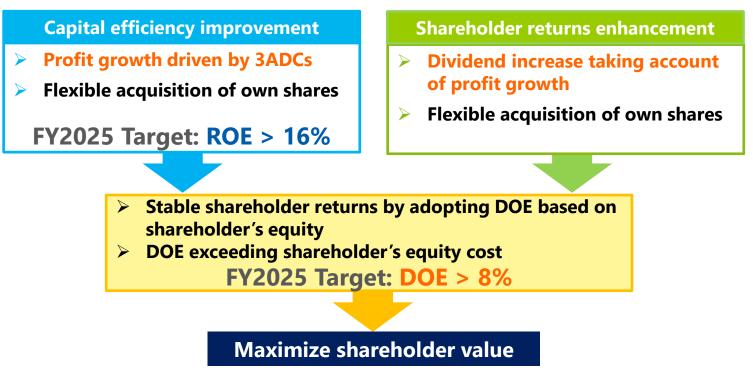
### **Revision of Annual Dividend**



#### Increase FY2023 annual dividend forecast per share from 34 JPY to 40 JPY

Revised annual dividend per share: 40 JPY (interim dividend: 20 JPY, year-end dividend: 20 JPY)

- **FY2023 annual dividend forecast announced on Apr. 27, 2023** Planned to be **increased by 4 yen** compared to FY2022 results resulting in **annual dividend of 34 yen per share** based on the increased likelihood of achieving the KPIs for FY2025 by the expansion of sales of Enherts<sup>®</sup> and others.
- FY2023 annual dividend forecast announced on Oct. 31, 2023 Planned to be increased by 6 yen compared to the announcement in April, and, planned to be increased by 10 yen compared to the fiscal year 2022 results resulting in annual dividend of 40 yen per share based on upfront payment received by the strategic collaboration with Merck & Co., Inc., Rahway, NJ, USA for three DXd-ADC products, and upward revision of the FY2023 forecast due to the strong performance of Enherts® and others.





### Agenda

# 1 FY2023 Q2 Financial Results

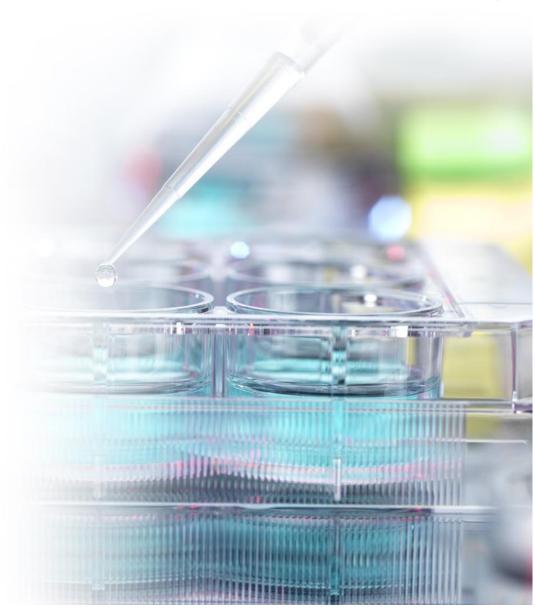
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**ENHERTU**<sup>®</sup>

Revenue

# Daiichi-Sankyo

		FY2023 Q2 I	Results	FY2023 Fo	orecast	<reference></reference>
			ΥοΥ		vs. Forecast as of Apr.	Total Consideration
Pr	oduct Sales	173.4	93.9	381.7	61.7	-
	Japan	10.4	5.2	21.5	1.6	-
	US	105.9	50.5	229.5	34.4	-
	Europe	39.2	25.6	92.8	17.0	-
	ASCA	17.9	12.6	37.8	8.6	-
Up	ofront payment	<b>4.9</b> *1	-	<b>9.8</b> *1	-	149.0
Re	gulatory milestone payment	<b>4.2</b> *1	-12.7	<b>11.9</b> *1	0.4	137.4
	US HER2+ Breast Cancer 3L	0.5	-	0.9	-	13.7
	EU HER2+ Breast Cancer 3L	0.3	-	0.5	-	7.9
	US HER2+ Gastric Cancer 2L + 3L	0.4	-	0.8	-	12.1
	US HER2+ Breast Cancer 2L	0.4	-2.6	0.9	-	13.1
	EU HER2+ Breast Cancer 2L	0.3	-2.0	0.7	-	10.1
	US HER2-low Breast Cancer (post-chemo)	0.9	-5.5	1.8	-	27.7
	EU HER2-low Breast Cancer (post-chemo)	0.7	0.7	1.3	-	19.8
	EU HER2+ Gastric Cancer 2L	0.2	0.2	0.3	-	4.8
	US HER2 Mutant NSCLC 2L	0.6	-3.4	1.1	-	17.3
	EU HER2 Mutant NSCLC 2L	-	-	<b>3.6</b> *2	0.4	<b>10.9</b> *2
Qı	uid related payment	<b>0.6</b> *1	-	<b>1.1</b> *1	-	17.2
Sa	les milestone payment	-	-	<b>29.0</b> *2 *3	3.0	42.2
	Total	183.0	81.2	433.6	65.0	345.8

#### \*1 Revenue recognized in each period

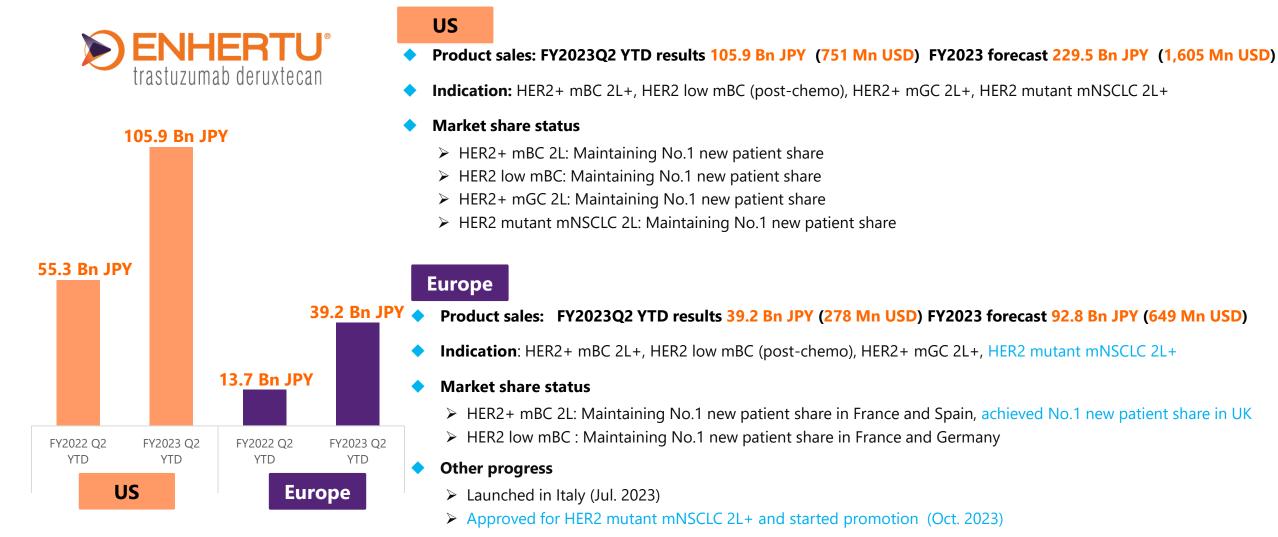
- \*2 Converted with assumed forex rate for FY2023 of 145 JPY to 1 USD (130 JPY to 1 USD as of Apr.)
- \*3 Milestone of 200Mn USD for achieving annual product sales of 2 Bn USD in cocommercialization territory with AstraZenceca. (Total amount to be recognized in FY2023)

Ref. Total sales milestone payment: 1.75 Bn USD (Max)

# **ENHERTU®** Performance in Each Region (US, EU)



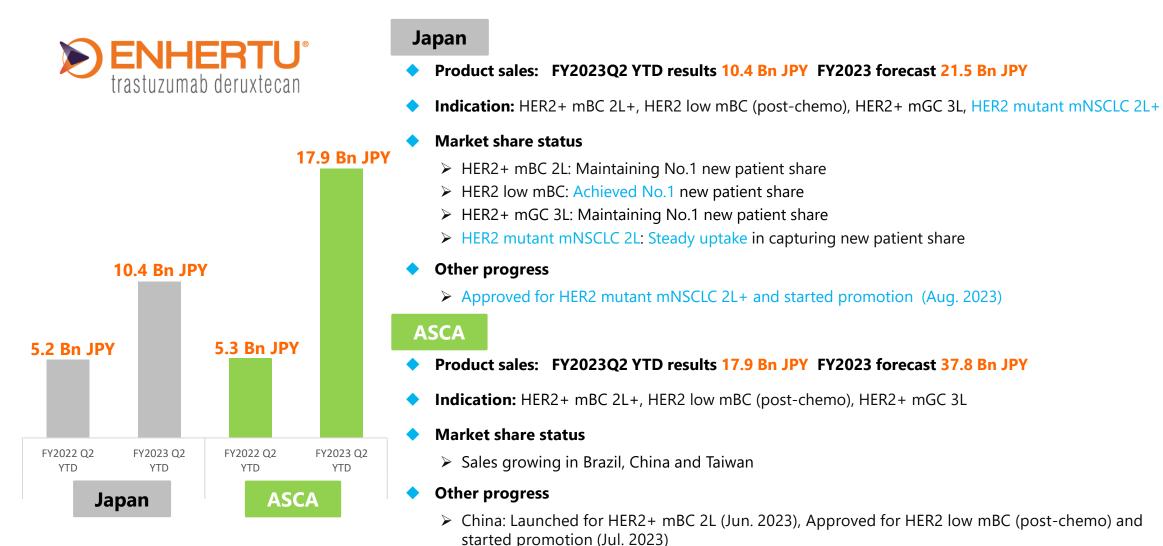
#### Global product sales: FY2023Q2 YTD results 173.4 Bn JPY (YoY +93.9 Bn JPY) FY2023 forecast 381.7 Bn JPY (vs. Forecast as of Apr. +61.7 Bn JPY)



# **ENHERTU®** Performance in Each Region (Japan, ASCA)



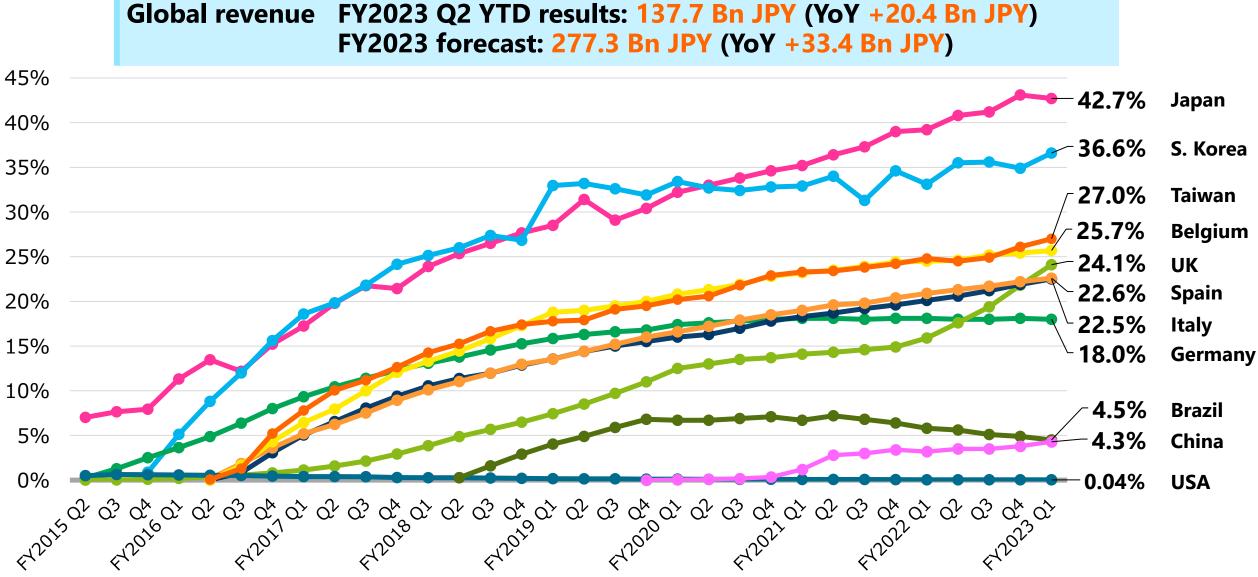
#### Global product sales: FY2023Q2 YTD results 173.4 Bn JPY (YoY +93.9 Bn JPY) FY2023 forecast 381.7 Bn JPY (vs. Forecast as of Apr. +61.7 Bn JPY)



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# LIXIANA<sup>®</sup>: Growth in Each Country/Region



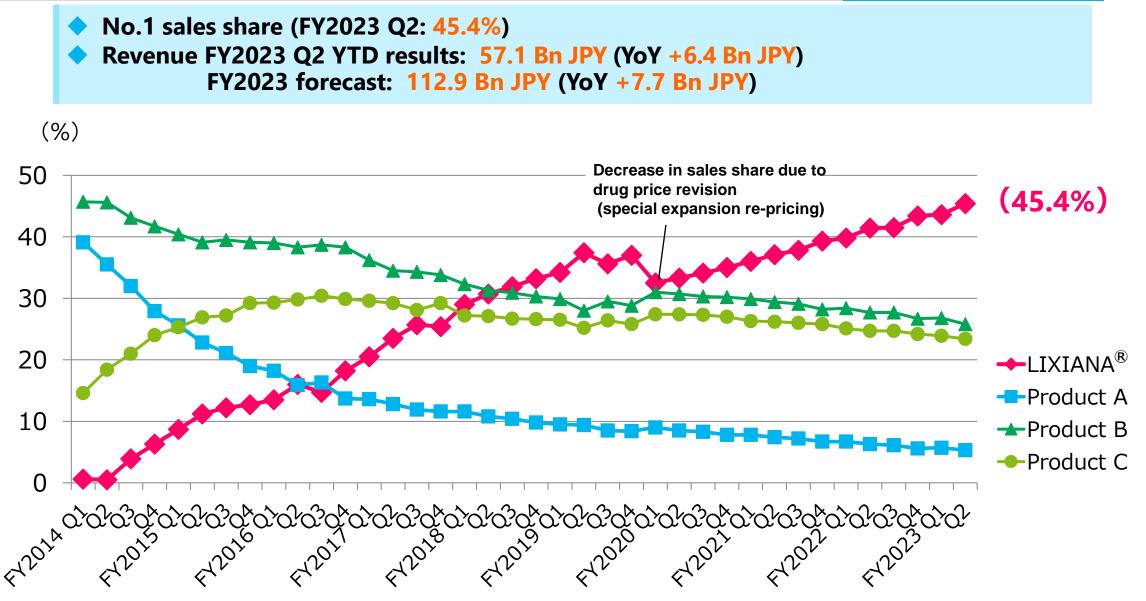


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# LIXIANA<sup>®</sup>: Growth in Japan



Sales



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# **Major Update on Patent Disputes**



#### Dispute with Seagen(SGN) regarding Daiichi Sankyo antibody drug conjugates

#### In October 2023, the U.S. District Court for the Eastern District of Texas issued an amended final judgment

The Court's amended final judgment requires DS to pay SGN a royalty of 8% on sales of ENHERTU® from April 1, 2022 through November 4, 2024 (the expiry of SGN's U.S. patent) in addition to the 41.8 Mn USD in damages previously awarded by the Court in July 2022

#### • DS intends to appeal to U.S. Court of Appeals for the Federal Circuit

#### **Course of events for patent infringement lawsuit**

- Oct. 2020: SGN filed a patent infringement lawsuit in the U.S. District Court for the Eastern District of Texas
- Apr. 2022: A trial was conducted in the court and the jury awarded SGN 41.8 Mn USD in damages
- ◆ Jul. 2022: The Court entered a judgment confirming the aforementioned jury verdict

#### > We will receive a decision within the next few months in the PGR (Post Grant Review) of SGN's patent

#### **Course of events for PGR**

- Dec. 2020: DS filed a petition with the USPTO (U.S. Patent and Trademark Office) for the PGR contesting the patentability
- April 2022: The USPTO initiated the PGR
- ◆ July 2022: The USPTO deinstituted the PGR
- Feb. 2023: The USPTO reinitiated the PGR on the ground that DS's petition "presents compelling evidence of unpatentability"



### Agenda

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#### **5DXd-ADCs Update**

Next Wave Update

R&D day

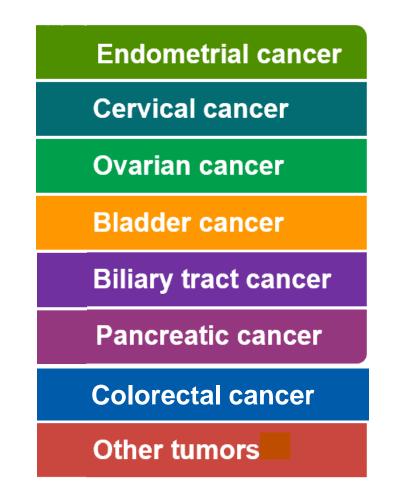
News Flow



# **Expand leadership** across HER2-targetable tumors

**Two Breakthrough Therapy Designations** 

DESTINY-PanTumor02 & DESTINY-CRC01/02



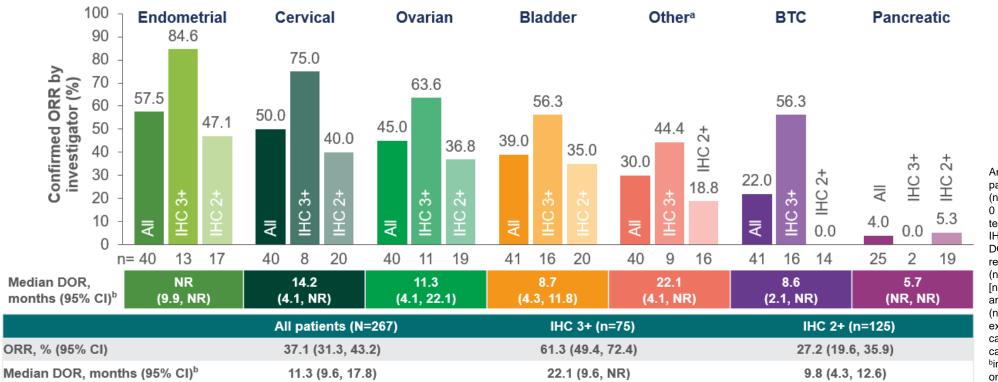
- ENHERTU <sup>®</sup> is the **first HER2 directed therapy** to demonstrate a potential benefit across a series of difficult-to-treat cancers.
- ENHERTU <sup>®</sup> has been granted additional two Breakthrough Therapy Designations in the US for the following indications:
  - Treatment of adult patients with unresectable or metastatic
     HER2+ (IHC 3+) solid tumors that have progressed following prior treatment and who have no satisfactory alternative treatment options (DESTINY-PanTumor02)
  - Treatment of patients with HER2+ (IHC 3+) metastatic CRC who have received two or more prior regimens (DESTINY-CRC01/02)
- Results reaffirm potential role of ENHERTU as a tumor agnostic therapy
- Discussions with regulatory authorities are ongoing towards filing

**ENHERTU**<sup>®</sup>



#### **DESTINY-PanTumor02 ENHERT**U<sup>®</sup> **ESMO 2023**

**DESTINY-PanTumor02 demonstrated clinically meaningful and durable responses** across a broad range of HER2 expressing advanced solid tumors



- All patients: ORR 37.1% and median DOR 11.3months
- Patients with IHC 3+: ORR 61.3% and median DOR 22.1months
- Durable responses led to clinically meaningful PFS and OS
- The safety profile was consistent with the known profile with grade 5 ILD 1.1%

BTC: biliary tract cancer, CI: confidence interval, DOR: duration of response, IHC: immunohistochemistry, ILD: interstitial lung disease, NR: not reached, ORR: objective response rate, OS: overall survival, PFS: progression-free survival

Analysis of ORR by investigator was performed in patients who received ≥1 dose of T-DXd; all patients (n=267; including 67 patients with IHC 1+ [n=25], IHC 0 [n=30], or unknown IHC status [n=12] by central testing) and patients with centrally confirmed HER2 IHC 3+ (n=75) or IHC 2+ (n=125) status. Analysis of DOR was performed in patients with objective response who received ≥1 dose of T-DXd; all patients (n=99; including 19 patients with IHC 1+ [n=6], IHC 0 [n=9], or unknown IHC status [n=4] by central testing) and patients with centrally confirmed HER2 IHC 3+ (n=46) or IHC 2+ (n=34) status. aResponses in extramammary Paget's disease, head and neck cancer, oropharyngeal neoplasm, and salivary gland cancer:

<sup>b</sup>includes patients with a confirmed objective response only

Data cutoff: Jun 2023





# Additional updates in clinical studies and regulatory communications



#### HER2 mutant NSCLC, 2L+

- Aug 2023: Approval in Japan
- Sep 2023: Recommended for approval in EU by CHMP
- Oct 2023: Approval in EU

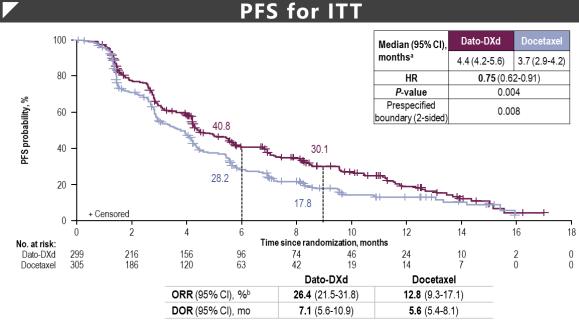
#### DESTINY-PanTumor01 study (HER2 mutant solid tumors)

Oct 2023: Data presentation at ESMO 2023

### Dato-DXd TROPION-Lung01 overall efficacy in NSCLC 2/3L ESMO 2023



### Dato-DXd is the first ADC to demonstrate a statistically significant improvement in PFS over docetaxel in NSCLC



#### Met dual primary endpoint of PFS

- Hazard Ratio: 0.75 (95% Cl, 0.62-0.91)
- ORR: Dato-DXd; 26.4%, DTX; 12.8%
- Median PFS: Dato-DXd; 4.4 m, DTX; 3.7 m
- The interim OS favor Dato-DXd, and the trial is continuing to final analysis

		Eve	nts/n					HR
		Dato-DXd	Docetaxel					
Age at randomization	<65 years	118/162	115/155		•I			0.67
	≥65 years	95/137	103/150	F				0.83
ex	Male	136/183	158/210	E Contraction of the second				0.79
	Female	77/116	60/95		•			0.71
Race	Asian	76/119	82/120		• •			0.77
	Non-Asian	131/172	129/177	⊢				0.76
Smoking status	Never	36/61	33/52	·	• • • •			0.67
	Former/current	177/238	184/251	H				0.77
Brain metastasis at	With	33/50	31/47	•				0.64
baseline	Without	180/249	187/258	H				0.76
Histology	Non-squamous	156/229	168/232	<b>—</b> •				0.63
listology	Squamous	57/70	50/73			•		1.38
Actionable genomic	Absent	189/252	184/255		<b></b> 1			0.84
alterations⁰	Present	24/47	34/50		l i i i i i i i i i i i i i i i i i i i			0.38
					• • • • <del>!</del> • •	· · · · · · ·	• • • •	· · · · ·
			0	0.5	1	1.5	2	2.5
					Haz	ard ratio		
						Data	cutoff. I	Mar 202

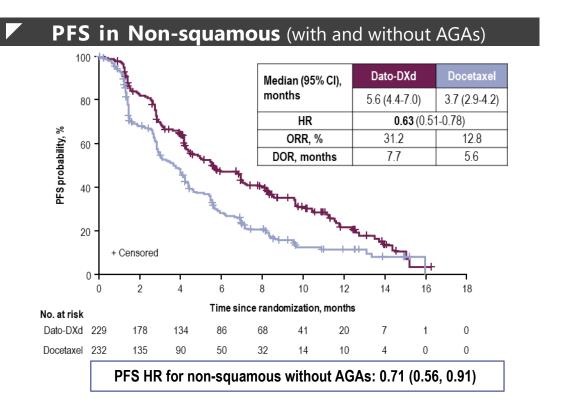
DES in Koy Subaroun

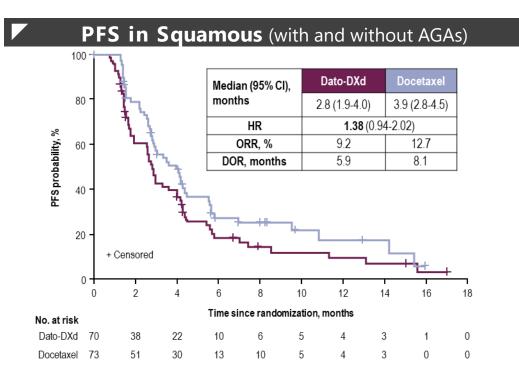
- Hazard ratio for non-squamous: 0.63, and for squamous:1.38
- Hazard ratio for patients without AGA: 0.84, and for patients with AGA: 0.38

<sup>a</sup>Median PFS follow-up time was 10.9 (95% CI, 9.8-12.5) and 9.6 (95% CI, 8.2-11.9) months for Dato-DXd and docetaxel, respectively. <sup>b</sup>Included four CRs and 75 PRs for Dato-DXd and 39 PRs for docetaxel. <sup>c</sup>Regardless of histology. AGA: actionable genomic alteration, CI: confidence interval, CR: complete response, DOR: duration of response, DTX: docetaxel, HR: hazard ratio, ITT: intention-to-treat, NSCLC: non-small cell lung cancer, ORR: objective response rate, OS: overall survival, PFS: progression-free survival, PR: partial response

# Dato-DXd TROPION-Lung01 efficacy in non-sq and sq NSCLC ESMO 2023

### Dato-DXd is potentially practice-changing in non-squamous 2L+ NSCLC





- Longer median PFS was observed in prespecified subgroups including non-squamous histology (Nsq; 5.6 vs 3.7 months).
- Plan to amend TROPION-Lung08 study protocol to cap the squamous population
- Data have been shared with FDA and discussion ongoing toward filing

Squamous subset included 3 patients with AGAs

AGA: actionable genomic alterations, CI: confidence interval, DOR: duration of response, HR: hazard ratio, NSCLC: non-small cell lung cancer, Nsq: non-squamous, ORR: objective response rate, PFS: progression-free survival, sq: squamous

Daiichi-Sankvo

# Daiichi-Sankyo

### Dato-DXd TROPION-Lung01 Safety ESMO 2023

Favorable tolerability against chemotherapy, careful monitoring is required for ILD management

TRAEs, n (%)	Dato-DXd N=297	Docetaxel N=290
All grades	257 (87)	252 (87)
Grade ≥3	73 (25)	120 (41)
Associated with dose reduction	58 (20)	85 (29)
Associated with dose delay	49 (17)	31 (11)
Associated with discontinuation	23 (8)	34 (12)
Associated with death <sup>a</sup>	3 (1)	2 (1)
Serious TRAEs	30 (10)	36 (12)
Grade ≥3	25 (8)	33 (11)

alnvestigator assessed. Dato-DXd: 2 cases of ILD/pneumonitis and 1 case of sepsis; docetaxel: 1 case of ILD/pneumonitis and 1 case of septic shock. The safety analysis set included all randomized patients who received ≥1 dose of the study drug.

- Fewer grade ≥3 TRAEs were observed with Dato-DXd compared with docetaxel
- Fewer TRAEs leading to dose reductions or discontinuations were seen with Dato-DXd compared with docetaxel

AESI, n (%)	Dato-DXd N=297	Docetaxel N=290
Stomatitis/oral mucositisª		
All grades	160 (54)	59 (20)
Grade ≥3	19 (6)	4 (1)
Ocular events <sup>b</sup>		
All grades	57 (19)	27 (9)
Grade ≥3	5 (2) <sup>c</sup>	0
Adjudicated drug-related ILD <sup>d</sup>		
All grades	25 (8)	12 (4)
Grade ≥3	10 (3)	4 (1)
Grade 5	7 (2)	1 (0.3)

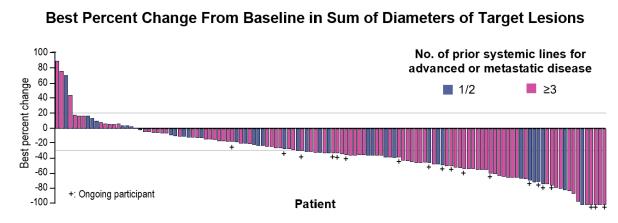
<sup>a</sup>Events included the selected PTs oral mucositis/stomatitis, oropharyngeal pain, mouth ulceration, odynophagia, dysphagia, oral pain, glossitis, pharyngeal inflammation, aphthous ulcer, and oral mucosa erosion. <sup>b</sup>Ocular events included selected PTs from the corneal disorder SMQ and selected relevant PTs from the eye disorder SOC. <sup>c</sup>Included 4 cases of keratitis and 1 case of ulcerative keratitis. <sup>d</sup>ILD includes events that were adjudicated as ILD and related to use of Dato-DXd or docetaxel (includes cases of potential ILD/pneumonitis based on MedDRA v26.0 for the narrow ILD SMQ, selected terms from the broad ILD SMQ, and PTs of respiratory failure and acute respiratory failure). <sup>e</sup>Among treated patients, histology information per the case report form.

- Seven adjudicated drug-related grade 5 ILD events
  - Primary cause of death in 4 out of 7 was attributed to disease progression by investigator
  - Non-squamous: 4 of 232 patients (1.7%); Squamous: 3 of 65 patients (4.6%)<sup>e</sup>



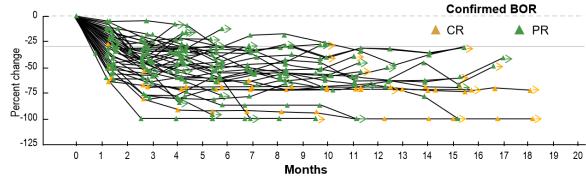


# Encouraging antitumor activity was observed with Dato-DXd treatment in a heavily pretreated NSCLC population with AGAs



Efficacy

Percent Change From Baseline in Sum of Diameters of Target Lesions in Patients With Confirmed CR/PR<sup>c</sup>



#### **TROPION-Lung05 Study**

Phase 2, single-arm study evaluating Dato-DXd in patients with advanced or metastatic NSCLC with AGAs that progressed on or after targeted therapy and platinum-based chemotherapy

Response per BICR	All treated patients (N=137)	Patients with <i>EGFR</i> mutations (N=78)	Patients with <i>ALK</i> rearrangement (N=34)
<b>ORR confirmed,</b> n (%) [95% CI]ª	49 (35.8) [27.8-44.4]	34 (43.6) [32.4-55.3]	8 (23.5) [10.7-41.2]
Median DOR (95% CI), months	7.0 (4.2-9.8)	7.0 (4.2-10.2)	7.0 (2.8-8.4)
<b>DCR confirmed,</b> n (%) [95% Cl]ª	108 (78.8) [71.0-85.3]	64 (82.1) [71.7-89.8]	25 (73.5) [55.6-87.1]
<b>Median PFS,</b> (95% CI), months <sup>b</sup>	5.4 (4.7-7.0)	5.8 (5.4-8.3)	4.3 (2.6-6.9)

Data cutoff: Dec 2022

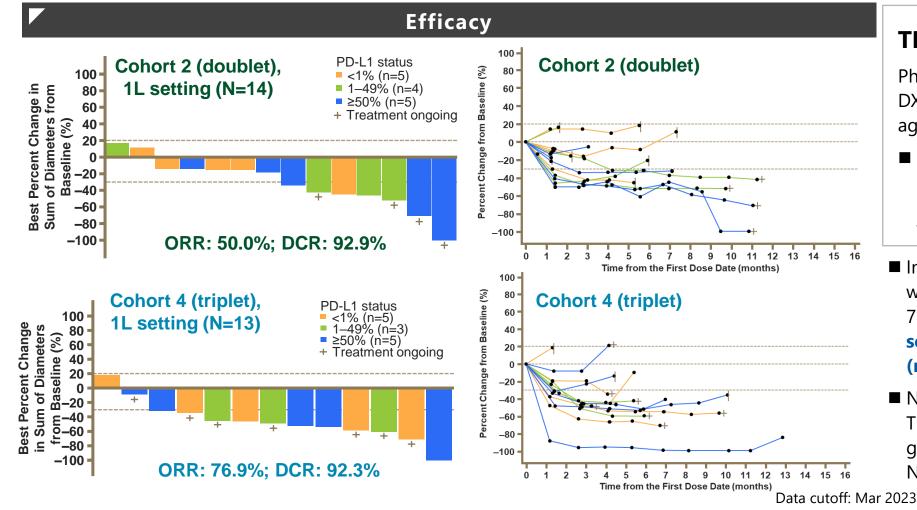
- Confirmed ORR and median PFS in all treated patients were 35.8% and 5.4 months, respectively
- Dato-DXd had a manageable safety profile, characterized by a low incidence of hematologic or drug-related grade ≥3 toxicities
- Adjudicated drug related ILD was 5 (4%) in total and 1 (1%) for grade ≥3

AGA: actionable genomic alterations, BOR: best overall response, CI: confidence interval, CR: complete response, DCR: disease control rate, DOR: duration of response, ILD: interstitial lung disease, NSCLC: non-small cell lung cancer, ORR: objective response rate, PFS: progression-free survival, PR: partial response

### Dato-DXd TROPION-Lung04 WCLC 2023



# The interim analysis data demonstrated promising ORRs with durable responses in NSCLC for both the doublet and triplet combination



#### **TROPION-Lung04 Study**

Ph1b study in NSCLC to investigate Dato-DXd in combination with immunotherapy agents  $\pm$  carboplatin

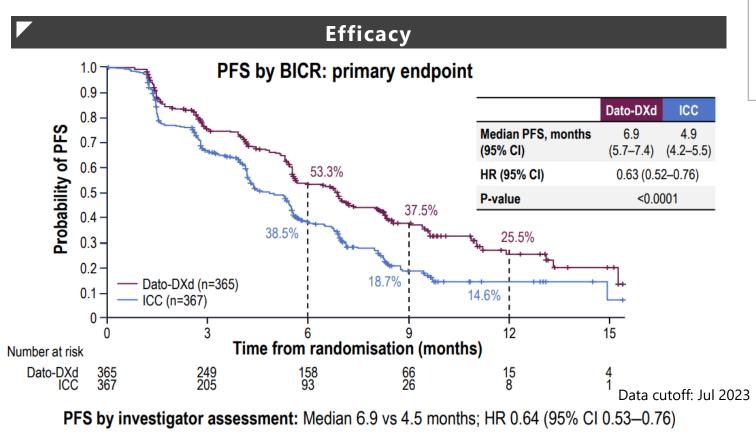
- Interim analysis data of combination with durvalumab (cohort 2) and durvalumab + carboplatin (cohort 4) were reported in WCLC 2023
- In the overall population, confirmed ORR were 47.4% for cohort 2 (n=19) and 71.4% for cohort 4 (n=14). In the 1<sup>st</sup> line setting, cORR were 50.0% for cohort 2 (n=14) and 76.9% for cohort 4 (n=13)
- No new safety signals were observed. There were four cases of ILD; 3 cases were grade 1 or 2 and one grade 4 in cohort 2. None were grade 5.

DCR: disease control rate, ILD: interstitial lung disease, NSCLC: non-small cell lung cancer, ORR: objective response rate, WCLC: World Conference on Lung Cancer





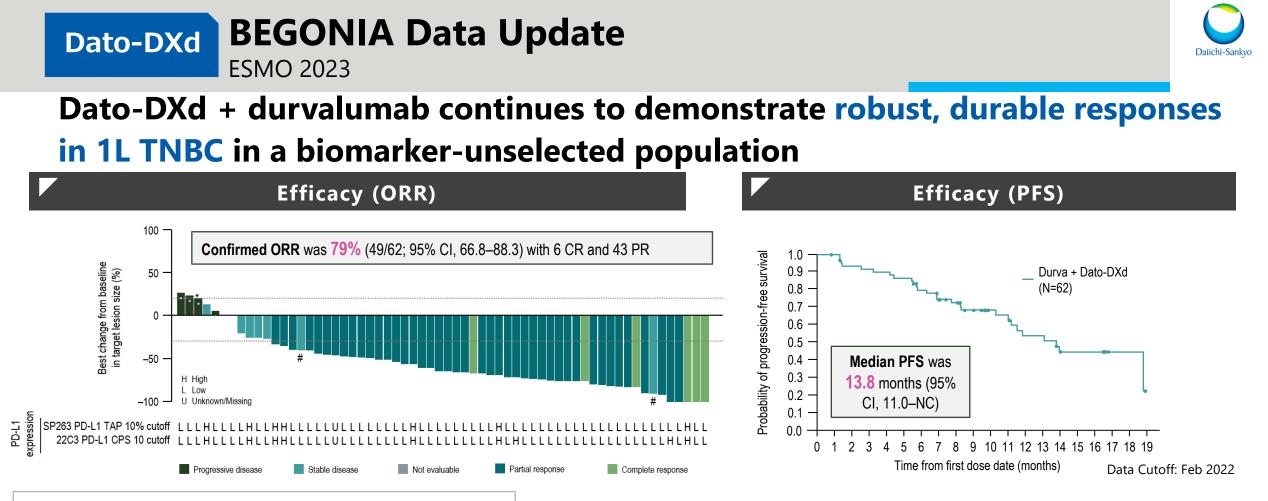
### TROPION-Breast01 enables Dato-DXd to aim to set a new standard for TROP2 ADCs in HR+/HER2 low or negative BC



#### **TROPION-Breast01 Study**

- The dual primary endpoints are PFS and OS
- TLR was obtained in Sep 2023
- 63% of the patients received 1L and 37% received 2L chemotherapy prior to Dato-DXd
- Median PFS by BICR: 6.9 months for Dato-DXd (n=365) and 4.9 months for ICC (n=367). OS data was not mature at the point of analysis
- Confirmed ORR: 36.4% for Dato-DXd and 22.9% for ICC.
- Rate of grade≥3 TRAEs in the Dato-DXd group was **less** than half that in the ICC group
- ILD rate was low; mainly grade 1/2 events. There were one grade 3 and one grade 5 adjudicated ILD event
- Communication with regulatory authorities is ongoing toward filing

BC: breast cancer, BICR: blinded independent central review, CI: confidence interval, HR: hazard ratio, HR+: hormone receptor positive, ICC: investigator's choice of chemotherapy, ILD: interstitial lung disease, ORR: objective 34 response rate, PFS: progression-free survival, OS: overall survival, TLR: top line results, TRAE: treatment related adverse events



#### **BEGONIA (Arm7)**

BEGONIA is open-label platform study to evaluate safety and efficacy of durvalumab combined with other novel therapies in 1L advanced/ metastatic TNBC. Combination of durvalumab and Dato-DXd is evaluated in Arm7 and Arm8 (PD-L1 high)

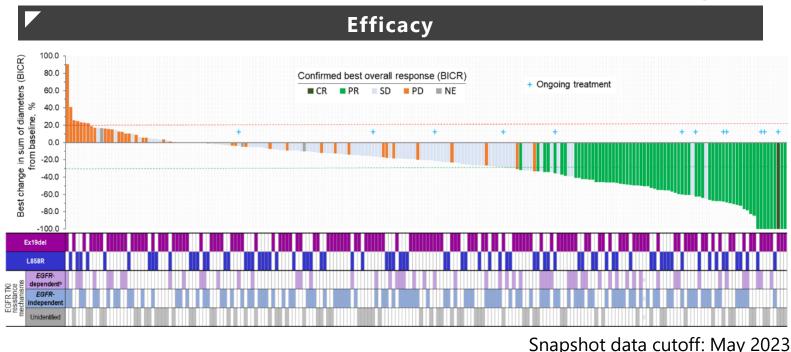
- Confirmed ORR: 79%, median DOR: 15.5 months and median PFS: 13.8 months
- Antitumor responses were observed regardless of PD-L1 expression level
- The most common AEs were gastrointestinal and generally of low grade
- There were 3 (5%) adjudicated treatment-related ILD/pneumonitis events (2 grade 2 events, 1 grade 1 event)

AE: adverse events, CI: confidence interval, CPS: combined positive score, CR: complete response, DOR: duration of response, ILD: interstitial lung disease, NC: not calculable, ORR: objective response rate, PFS: progression-free 35 survival, PR: partial response, TAP: tumor area positivity, TNBC: triple-negative breast cancer

### HER3-DXd HERTHENA-Lung01 study WCLC 2023



# HER3-DXd demonstrated clinically meaningful and durable efficacy in patients with EFGR-mutated NSCLC whose disease progressed after EGFR TKI and PBC



#### **HERTHENA-Lung01 Study**

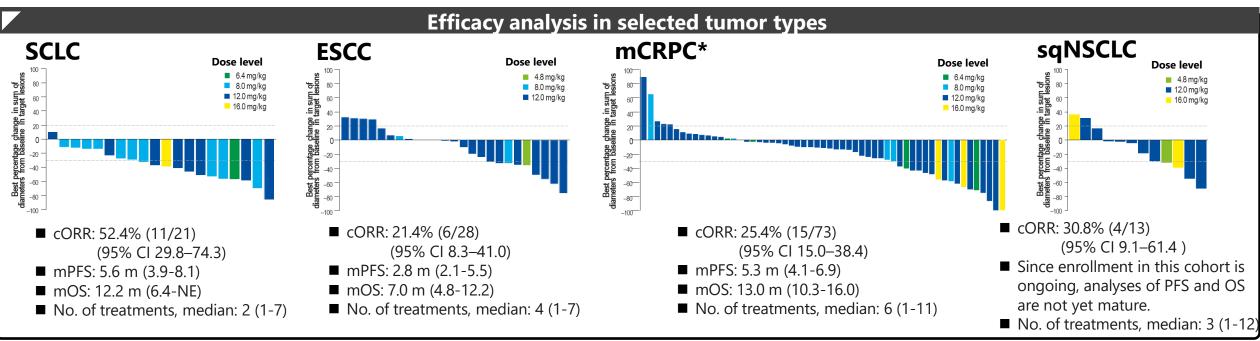
Registrational Ph2 study to evaluate antitumor activities of HER3-DXd in patients with EGFR mutated NSCLC previously treated with at least one EGFR TKI and PBC

- Primary endpoint is ORR, and secondary endpoints are DOR, PFS, OS etc
- FDA granted BTD in Dec 2021
- Regulatory submission in US is planned for FY2023
- The confirmatory Ph3 study HERTHENA-Lung02 study is ongoing
- Overall population: confirmed ORR 29.8%, median DOR 6.4 months, median PFS 5.5 months, median OS 11.9 months. Efficacy was observed across diverse mechanisms of EGFR TKI resistance and across a broad range of pretreatment tumor HER3 membrane expression.
- The most common TEAEs were nausea, thrombocytopenia and decreased-appetite. Incidence of ILD was 5.3% and one patient experienced grade 5 ILD. Overall safety profile was manageable and consistent with previous reports.

BICR: blinded independent central review, BTD: breakthrough therapy designation, CR: complete response, DOR: duration of response, ILD: interstitial lung disease, NE: not evaluable, NSCLC: non-small cell lung cancer, ORR: objective response rate, OS: overall survival, PBC: platinum-based chemotherapy, PFS: progression-free survival, PR: partial response, SD: stable disease, PD: progressive disease, TEAE: treatment emergent adverse event, TKI: tyrosine kinase inhibitor

#### **DS-7300** (I-DXd) Ph1/2 Study Data Update WCLC 2023/ESMO 2023

# DS-7300 continued to show durable efficacy in patients with heavily pretreated solid tumors, including SCLC, ESCC, mCRPC, and sqNSCLC



■ Observed safety profile was manageable and tolerable

- No new safety signals were observed, and the safety profile was consistent with previous data
- Incidence of ILD was consistent with the previously observed data.
- 10 (5.7%) confirmed cases of adjudicated ILD were observed, of which two cases were Grade ≥3 (one grade 4 in 12 mg/kg cohort and one grade 5 in 16 mg/kg cohort)

Data cutoff: Jan 2023

\* n=73, including patients with bone metastases who were not evaluable for ORR. The ORR is calculated based on 59 patients who received  $\geq$ 1 dose  $\geq$ 4.8 mg/kg, had measurable disease at baseline,  $\geq$ 2 postbaseline scans, and/or discontinued treatment for any reason at data cutoff.

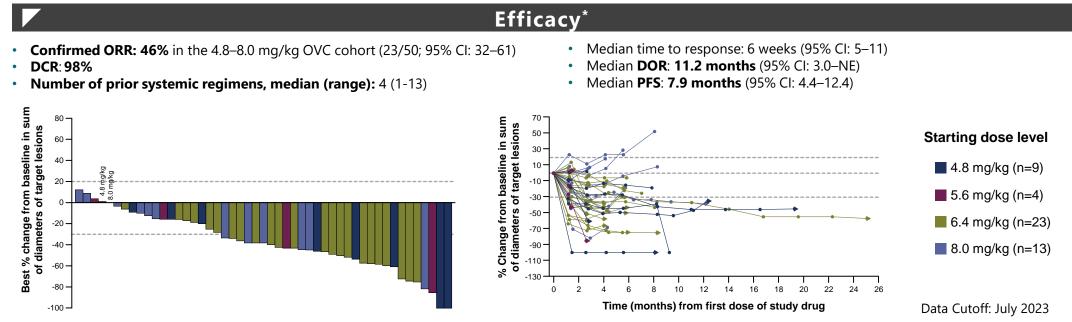
CI: confidence interval, ESCC: esophageal squamous cell carcinoma, ILD: interstitial lung disease, mCRPC: metastatic castration-resistant prostate cancer, mOS: median overall survival, mPFS: median progression-free survival, NE: not estimable, cORR: confirmed objective response rate, OS: overall survival, PFS: progression-free survival, SCLC: small cell lung cancer, sqNSCLC: squamous non-small cell lung cancer

#### **DS-6000** (R-DXd) Ph1 Study OVC Cohort Data Update ESMO 2023



38

## DS-6000 (CDH6 directed DXd-ADC) continues to demonstrate strong clinical activity in patients with platinum resistant ovarian cancer



Confirmed ORR: 46%, median DOR: 11.2 months and median PFS: 7.9 months

- Safety profile is manageable and toxicities are consistent with those observed with other DXd-ADCs
- 8.9% (4/45) of patients in 4.8-6.4 mg/kg cohort experienced ILD (all grade 2), of which 2 were adjudicated as treatment-related.
   3.3% (2/60) of patients in 8.0 mg/kg cohort experienced grade 5 ILD
- Based on the accumulated overall safety, tolerability, PK and efficacy profile, the 8.0 mg/kg cohort was closed and further assessment is ongoing at three dose levels: 4.8, 5.6 and 6.4 mg/kg

<sup>\*:</sup> one patient who discontinued and did not have a post-baseline tumor assessment was not included in the waterfall or spider plots. CI: confidence interval, DCR: disease control rate, DOR: duration of response, ILD: interstitial lung disease, NE: not estimable, ORR: objective response rate, OVC: ovarian cancer, PFS: progression-free survival, PK: pharmacokinetics

# **5DXd-ADCs** External reputations to DXd-ADC technology



39

#### Received the "Prime Minister's Award" at the 6<sup>th</sup> Japan Medical Research and Development Grand Prize.





- Developed the unique DXd-ADC technology to generate ENHERTU®
- The clinical development of multiple drug candidates applying this technology is underway, which expects further contributions to cancer treatment.

The Japan Medical Research and Development Grand Prize, established 2017, honors achievements that have made significant contributions to the progress of research and development in the medical field, with its aim of advancing medical care not only in Japan but around the world. The Prime Minister's Award is given to one which showed extremely outstanding achievements.



### 5DXd-ADCs Update

### Next Wave Update

R&D day

News Flow



#### **DAICHIRONA®** (DS-5670) **Development status of COVID-19 vaccine**

## **DAICHIRONA®** for intramuscular injection\*

- Aug 2023: Approval obtained in Japan for booster vaccination of the original strain monovalent mRNA vaccine against COVID-19
- Sep 2023: Regulatory submission in Japan for booster vaccination of monovalent mRNA vaccine for Omicron XBB.1.5 strain against COVID-19

- The first mRNA vaccine made in Japan using cationic lipids originally optimized by Daiichi Sankyo
- Distribution and storage possible under refrigeration (2-8°C)
- Plan to start the supply within this year of Omicron XBB.1.5 strain monovalent vaccine

<sup>\*</sup> The research and development of DAICHIRONA<sup>®</sup> intramuscular injection is being conducted through the "Vaccine development project" promoted by the Japan Agency for Medical Research and Development (AMED) and the "Urgent improvement project for vaccine manufacturing systems" supported by the Japanese Ministry of Health, Labour and Welfare (MHLW).



#### VANFLYTA<sup>®</sup> (quizartinib) (*FLT3*-ITD positive acute myeloid leukemia [AML], 1L)

■ Sep 2023: Recommended for approval in EU by CHMP

DS-3939 (TA-MUC1 directed ADC, Solid tumors)

■ Sep 2023: Ph1/2 started

DS-1471 (Anti-CD147 antibody, Solid tumors)

■ Sep 2023: Ph1 started



Next Wave Update

R&D day

News Flow

**R&D Day 2023** 



#### Sunao Manabe **Executive Chairperson and CEO**





Ken Takeshita

Mark Rutstein Head of Global Oncology **Clinical Development** 

## Date and time

Monday, December 11<sup>th</sup>, 2023 17:30-19:00 (EST) (Tue, Dec 12<sup>th</sup> 7:30-9:00 (JST))

Meeting style

Virtual (Zoom)



Next Wave Update

R&D day

**News Flow** 

# **FY2023 News Flow**



Planned major publications
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#### San Antonio Breast Cancer Symposium (SABCS, Dec 5-9, 2023)

ENHERTU<sup>®</sup> DESTINY-Breast08: HER2 low BC, chemo naïve/post chemo, Ph1b • Partial cohort data

American Society of Hematology (ASH, Dec 9-12, 2023)

EZHARMIA®

VALENTINE-PTCL-01: relapsed/refractory PTCL, Ph2
• Primary analysis data

Planned regulatory submissions				
ENHERTU®	DESTINY-Lung05: HER2 mutant NSCLC, 2L+ • CN: FY2023 H2 DESTINY-Gastric06: HER2 positive GC, 3L • CN: FY2023 H2			
HER3-DXd	HERTHENA-Lung01: EGFR mutant NSCLC, 3L • US: FY2023 H2			

Regulatory decisions		Key data r	Key data readouts		
	VANFLYTA®	QuANTUM-First: AML, 1L • EU: FY2023 H2	ENHERTU®	DESTINY-Breast06*: HR+ and HER2 low BC, chemo naïve, Ph3 • FY2023 H2	
	DAICHIRONA® (DS-5670)	COVID-19 mRNA vaccine, mutant strain, booster vaccination • JP: FY2023 Q3			

Bold: update from FY2023 Q1

Timeline indicated is based on the current forecast and subject to change. \*Event-driven study



## Agenda

# 1 FY2023 Q2 Financial Results

# 2 Strategic Collaboration

**3** FY2023 Forecast/ Annual Dividend

**4** Business Update

**5** R&D Update





# Major R&D Milestones (5DXd-ADCs ①)



Project		Target Indication	FY2023		EV2024
		[phase, study name]	H1	H2	FY2024
	-	• HER2 low, post chemo [Ph3, DESTINY-Breast04]	Approved (China)		
		<ul> <li>HER2 low, chemo naïve [Ph3, DESTINY-Breast06]</li> </ul>		• TLR anticipated	
	BC	• HER2+, 1L [Ph3, DESTINY-Breast09]			• TLR anticipated
<b>ENHERTU</b> ®		• HER2+, Neoadjuvant [Ph3, DESTINY-Breast11]			TLR anticipated
	GC	• HER2+, 3L [Ph2, DESTINY-Gastric06]	TLR obtained	• Filing anticipated (CN)	
	NSCLC	• HER2 mutant, 2L [Ph2, DESTINY-Lung01, 02]	• Approved (JP)	• Approved (EU)	
		• HER2 mutant, 1L [Ph3, DESTINY-Lung04]			• TLR anticipated
		• HER2 mutant, 2L [Ph2, DESTINY-Lung05]		<ul> <li>TLR anticipated</li> <li>Filing anticipated (CN)</li> </ul>	
	Other tumors	HER2 expressing tumors     [Ph2, DESTINY-PanTumor02]	TLR obtained		

Bold: update from FY2023 Q1 BC: breast cancer, GC: gastric cancer, NSCLC: non small cell lung cancer, TLR: top line results

% Timeline indicated is based on the current forecast and subject to change

# Major R&D Milestones (5DXd-ADCs 2)

• 2L [Dose optimization, Ph2]

(I-DXd)



As of Oct 2023

TLR anticipated

**Target Indication** FY2023 Project FY2024 H2 H1 [phase, study name] NSCLC 2/3L [Ph3, TROPION-Lung01] TLR obtained • HR+ and HER2 low or negative BC, 2/3L TLR obtained Dato-DXd [Ph3, TROPION-Breast01] BC TNBC, PD-1/PD-L1 inhibitor ineligible, 1L TLR anticipated [Ph3, TROPION-Breast02] • EGFR mutant, 3L • Filing anticipated (US) [Ph2, HERTHENA-Lung01] HER3-DXd NSCLC • EGFR mutant, 2L TLR anticipated [Ph3, HERTHENA-Lung02] DS-7300 SCLC

BC: breast cancer, HR: hormone receptor, NSCLC: non-small cell lung cancer, SCLC: small cell lung cancer, TLR: top line results, TNBC: triple-negative breast cancer Bold: update from FY2023 Q1 X Timeline indicated is based on the current forecast and subject to change



As of Oct 2023

Project	Target Indication [phase, study name]	FY2 H1	2023 H2	FY2024
VANFLYTA® (Quizartinib)	• AML, 1L [Ph3, QuANTUM-First]	• Approved (JP/US)	• Approval anticipated (EU)	
EZHARMIA®	• r/r PTCL [Registrational Ph2, VALENTINE-PTCL01]	• TLR obtained		
DS-3939	• Solid tumors [Ph1/2]	• Study started		
DS-1471	• Solid tumors [Ph1]	Study started		
DS-2325	Netherton syndrome [Ph1b/2]		• Study start planned	
	<ul> <li>COVID-19 mRNA vaccine (mutant strain), booster vaccination [Ph3]</li> </ul>	• Filing accepted (JP)		
DS-5670	<ul> <li>COVID-19 mRNA vaccine (original strain), booster vaccination [Ph1/2/3]</li> </ul>	• Approved (JP)		

Bold: update from FY2023 Q1 AML: acute myeloid leukemia, BC: breast cancer, PTCL: peripheral T cell lymphoma, r/r: relapsed/refractory, TLR: top line results

times Timeline indicated is based on the current forecast and subject to change

# Major R&D Pipeline: 5DXd-ADCs

As of Oct, 2023

Daiichi-Sankyo

Phase 1		Phase 2		Phase 3	
(US/EU/Asia) HER2+ BC 2L+/1L DESTINY-Breast07	(JP/US) solid tumors TROPION-PanTumor01	(US/EU/Asia) TNBC (durvalumab combo) BEGONIA	(JP/US/EU/Asia) solid tumors TROPION-PanTumor03	(JP/US/EU/Asia) HER2+ BC adjuvant <sup>*1</sup> DESTINY-Breast05	
(US/EU/Asia) HER2 Iow BC Chemo naïve/ post chemo DESTINY-Breast08	(CN) NSCLC, TNBC TROPION-PanTumor02	(CN) HER2+ GC 3L DESTINY-Gastric06	(JP/US/EU/Asia) NSCLC (w/ AGA) TROPION-Lung05	(JP/US/EU/Asia) HER2 low BC chemo naïve DESTINY-Breast06	
(JP/US/EU/Asia) HER2+ GC combo, 2L+/1L DESTINY-Gastric03	(JP/US/EU/Asia) NSCLC (w/o AGA, pembrolizumab combo) TROPION-Lung02	(CN) HER2 mutant NSCLC 2L+ DESTINY-Lung05	(US/EU/Asia) TNBC (durvalumab combo) BEGONIA	(JP/US/EU/Asia) HER2+ BC 1L DESTINY-Breast09	
(US/EU/Asia) HER2+ NSCLC (durvalumab, MEDI5752 combo) 1L DESTINY-Lung03	(JP/US/EU) NSCLC (w/o AGA, durvalumab, AZD2936 and MEDI5752 combo) TROPION-Lung04	(US/EU/Asia) NSCLC (durvalumab combo) 2L+ HUDSON	(JP/US/EU/Asia) EGFR mutated NSCLC (osimertinib combo) 2L ORCHARD	(JP/US/EU/Asia) HER2+ BC neoadjuvant DESTINY-Breast11	
(US/EU) BC, bladder (nivolumab combo)	(JP/US/EU/Asia) solid tumors (AZD5305 combo) PETRA	(JP/US/EU/Asia) HER2+ CRC 3L DESTINY-CRC02	(US/EU/Asia) resectable early-stage NSCLC (durvalumab combo) neoadjuvant NeoCOAST-2	(US/EU/Asia) HER2 low BC, HER2 IHC 0 BC, 2/3L DESTINY-Breast15	
(US/EU) BC, NSCLC (pembrolizumab combo)	(JP/US/EU/Asia) NSCLC	(JP/US/EU/Asia) HER2 mutant tumor DESTINY-PanTumor01	(/JP/US/EU/Asia) EGFR mutated NSCLC 3L HERTHENA-Lung01	(JP/EU/Asia) HER2+ GC 2L DESTINY-Gastric04	
(US/EU/Asia) solid tumors (AZD5305 combo) PETRA	(JP/US) EGFR mutated NSCLC (osimertinib combo)	(US/EU/Asia) HER2 expressing tumor DESTINY-PanTumor02	DS-7300 (JP/US/EU/Asia) ES-SCLC	(JP/US/EU/Asia) NSCLC (w/ HER2 exon 19 or exon 20 mutation) 1L DESTINY-Lung04	
DS-7300 (JP/US) ESCC, CRPC, squamous NSCLC, SCLC, etc.	(JP/US/Asia) HER3+ BC				
DS-6000 (JP/US) Renal cell carcinoma, ovarian cancer	-	_		(JP/US/EU/Asia) non-squamous NSCLC (w/o AGA, pembrolizumab combo) 1L TROPION-Lung07	
				(JP/US/EU/Asia) NSCLC (w/o AGA, pembrolizumab combo) 1L TROPION-Lung08	
ENHERTU <sup>®</sup> Dato-DXd (T-DXd)	(JP/US/EU/Asia) BC* <sup>2</sup> 2/3L TROPION-Breast01				
Project in oncology that is planne Project in oncology that is planne Breakthrough Designation (US)	(JP/US/EU/Asia) TNBC (PD-1/PD-L1 inhibitor ineligible) 1L TROPION-Breast02				
<ul> <li>* 1 Adjuvant therapy for HER2 posit</li> <li>* 2 HR+, HER2 low or negative BC</li> <li>* 3 Adjuvant therapy for TNBC patient</li> </ul>	(JP/US/EU/Asia) TNBC (mono or durvalumab combo) adjuvant* <sup>3</sup> TROPION-Breast03				
AGA: actionable genomic alterati ES-SCLC: extensive stage-small c	(JP/US/EU/Asia) EGFR mutated NSCLC 2L HERTHENA-Lung02				

# Major R&D Pipeline: Next Wave



As of Oct 2023

Phas	e 1	Phase 2	Phase 3	Filed
DS-1055 (JP/US) Anti-GARP antibody Solid tumors	DS-7011 (US) Anti-TLR7 antibody Systemic lupus erythematosus	Valemetostat (DS-3201)(JP/US/EU/Asia) EZH1/2 inhibitor PTCL	Pexidartinib (JP/Asia) CSF-1/KIT/FLT3 inhibitor Tenosynovial giant cell tumor	Quizartinib (EU) FLT3 inhibitor AML 1L
DS-1594 (US) Menin-MLL binding inhibitor AML, ALL	DS-2325 (EU) in prep KLK5 inhibitor Netherton syndrome	Valemetostat (DS-3201) (EU) EZH1/2 inhibitor BCL	Esaxerenone (JP) MR blocker Diabetic nephropathy	Mirogabalin (CN) α2δ ligands Diabetic peripheral neuropathic pain
DS-9606 (US/EU) Target undisclosed ADC Solid tumors		DS-1001 (JP) Mutant IDH1 inhibitor Glioma	VN-0102/JVC-001 (JP) Measles mumps rubella combined vaccine	DS-5670 (JP) COVID-19 mRNA vaccine (mutant strain) COVID-19 (booster vaccination, 12 years old and over)
DS-1103 Anti-SIRPα antibody HER2 expressing or mutant advanced metastatic solid tumors, HER2 low BC (ENHERTU® combo)		DS-1211 (US/EU) TNAP inhibitor Pseudoxanthoma elasticum	DS-5670 (JP) COVID-19 mRNA vaccine (original strain), COVID-19 (primary vaccination, 12 to 17 aged children)	
DS-3939 Anti-TA-MUC1 ADC Solid tumors		VN-0200 (JP) RS virus vaccine RS virus infection	DS-5670 (JP) COVID-19 mRNA vaccine (mutant strain), COVID-19 (booster vaccination, 5 to 11 aged children)	
DS-1471 Anti-CD147 antibody Solid tumors				
Oncology				
Specialty medicine				
Vaccine				
Project in oncology that is planned to be submi	tted for approval in some countries/regions based on t	he results of phase 2 trials		
😟 SAKIGAKE Designation (JP) 🛛 🕏 Orphan drug	g designation (designated in at least one country/regic	on among JP, US and EU) 🛛 🔯 Rare Pediatric Disease De	esignation (US)	
★ Fast Track Designation (US)		-		
ALL: acute lymphoblastic leukemia, AML: acute myelc	bid leukemia, BCL: B cell lymphoma, LBCL: large B cell ly	mphoma, PTCL: peripheral T-cell lymphoma		

**Contact address regarding this material** 

Daiichi Sankyo Co., Ltd.

Corporate Communications Department

TEL: +81-3-6225-1125

Email: <u>DaiichiSankyoIR@daiichisankyo.co.jp</u>