

# **1st Half (Interim period) of Fiscal 2025 Financial Results**

October 27, 2025

Shionogi & Co., Ltd.



**SHIONOGI**

# Agenda

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# **Overview of 1st Half (Interim period) FY2025**

## **Financial Results**



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# 1st Half FY2025 Highlights

- **Maintain revenue and operating profit at the same level as the previous year**
  - Stable profit growth in the HIV business and overseas businesses
- **Profit before tax increased, and profit attributable to owners of parent increased slightly**
  - Increased dividend from ViiV reflecting solid progress in the HIV business
- **Progress on key initiatives driving medium to long term growth**
  - HIV business: Expansion of LAI\*<sup>1</sup> formulations
  - Acquisition of TORII PHARMACEUTICAL CO., LTD. as a wholly-owned subsidiary\*<sup>2</sup>
  - Ensitrelvir NDA accepted in the US and Europe

# Financial Results

Revenue and operating profit declined year-on-year, but profit before tax and profit attributable to owners of parent exceeded the previous year

(Unit: B yen)

	FY2025				FY2024	Y on Y	
	Forecasts		1H results	Achievement (%)	1H results	Change (%)	Change
	Full year	1H					
Revenue	530.0	233.0	213.0	91.4	214.0	(0.5)	(1.0)
Operating profit	175.0	82.0	74.8	91.2	75.9	(1.4)	(1.1)
Profit before tax	222.0	102.0	98.4	96.5	93.8	4.9	4.6
Profit attributable to owners of parent	180.0	86.0	83.5	97.1	83.1	0.5	0.4
EBITDA*	196.0	93.0	85.8	92.3	86.7	(1.0)	(0.8)

\* Earnings Before Interest, Taxes, Depreciation, and Amortization: Operating profit added depreciation and adjusted for one-time factors (impairment losses, gain on sale of property, plant and equipment, etc.)

# Statement of Profit or Loss

(Unit: B yen)

	FY2025		FY2024		Y on Y	
	Forecast		Achievement			
	Full year	1H	1H Results	(%)	1H Results	Change (%) Change
Revenue	530.0	233.0	213.0	91.4	214.0	(0.5) (1.0)
Cost of Sales	16.6	14.2	13.7		14.1	
	88.0	33.0	29.3	88.7	30.1	(2.9) (0.9)
Gross profit	442.0	200.0	183.7	91.9	183.8	(0.1) (0.1)
SG&A*1, R&D expenses total	49.6	49.8	50.1		49.9	
	263.0	116.0	106.8	92.1	106.7	0.1 0.1
SG&A*1	24.7	24.9	25.5		23.3	
	131.0	58.0	54.3	93.7	49.9	8.9 4.4
R&D expenses	24.9	24.9	24.6		26.6	
	132.0	58.0	52.4	90.4	56.8	(7.7) (4.4)
Other income & expenses	(4.0)	(2.0)	(2.2)	107.6	(1.2)	74.0 (0.9)
Operating profit	33.0	35.2	35.1		35.5	
	175.0	82.0	74.8	91.2	75.9	(1.4) (1.1)
Finance income & costs	47.0	20.0	23.6	118.1	18.0	31.4 5.6
Profit before tax	41.9	43.8	46.2		43.9	
	222.0	102.0	98.4	96.5	93.8	4.9 4.6
Profit attributable to owners of parent	180.0	86.0	83.5	97.1	83.1	0.5 0.4

## Main variation factors (Y on Y)

### Revenue

- Increase: Royalty income, Overseas subsidiaries /export
- Decrease: Prescription drugs

### SG&A

- Increase: Selling-related expenses in US business, PMI costs

### R&D expenses

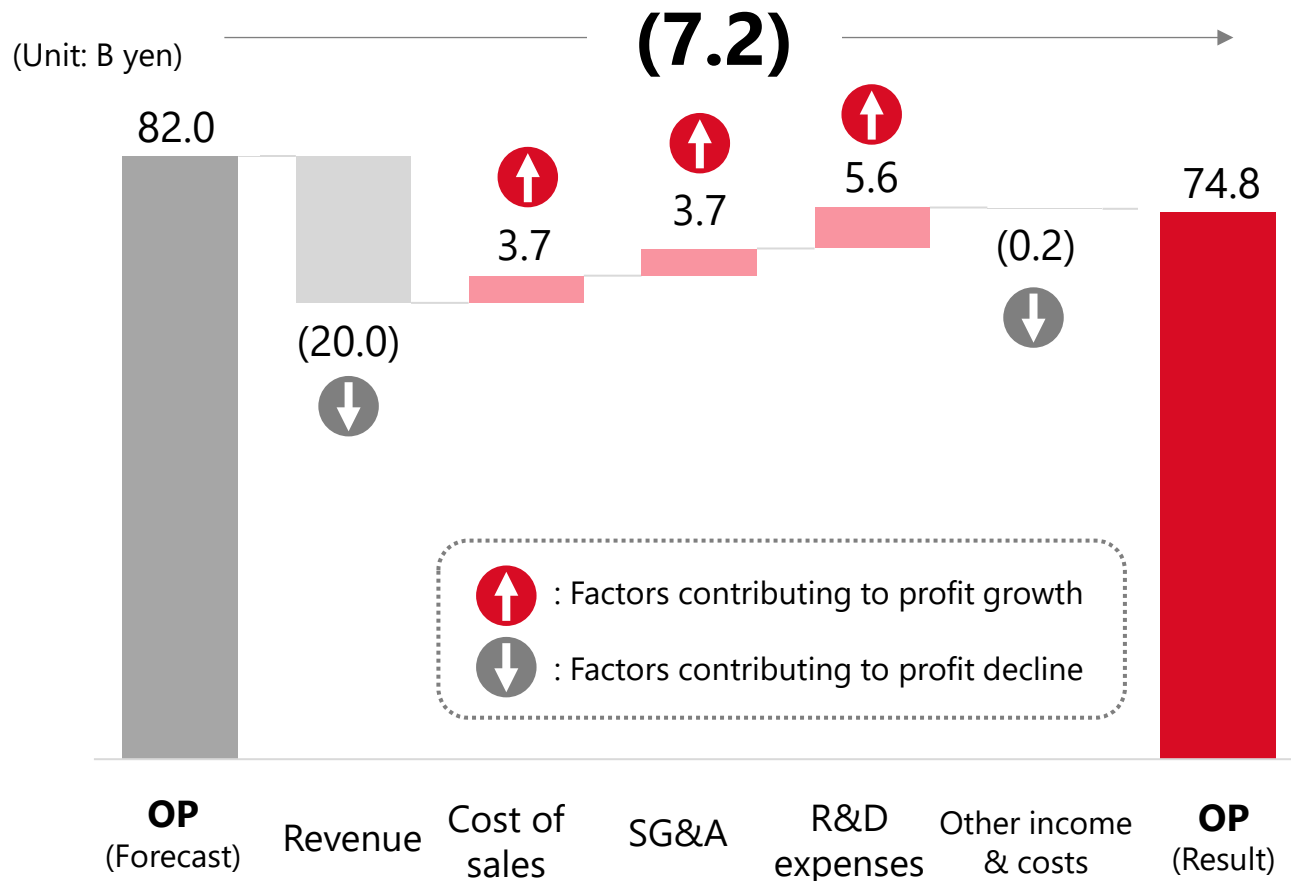
- Decrease: Multiple large-scale clinical trials were conducted in FY2024
  - Ensitrelvir Phase 3 trial
  - S-309309 Phase 2 trial

### Finance income & costs

- Increase: Dividends from ViiV
  - Strong sales performance in the HIV franchise

# Analysis of Operating Profit Factors (vs. 1H forecast)

**Thorough cost management based on the epidemic situation reduces discrepancies with forecasts**



## Implemented thorough cost optimization across all divisions

### • SG&A

- Refined decision-making through strict prioritization
  - > Achieved cost reductions of JPY about 5 billion within two months
- Maintained planned investments essential for growth
  - > Sales-related expenses for the U.S. business

### • R&D expenses

- Advanced prioritized R&D investments
  - > Clinical trials for key assets are progressing as planned

# Revenue by Segment

(Unit: B yen)

	FY2025		FY2024		Y on Y	
	Forecast Full year	1H	1H Results	Achievement (%)	1H Results	Change(%) Change
<b>Prescription drugs</b>	183.0	62.0	<b>36.8</b>	<b>59.4</b>	47.7	<b>(22.8)</b> <b>(10.9)</b>
<b>Overseas subsidiaries/export</b>	54.9	25.7	<b>30.6</b>	<b>119.2</b>	28.3	<b>8.1</b> <b>2.3</b>
<b>Shionogi Inc. (US)</b>	22.6	10.9	<b>13.6</b>	<b>124.5</b>	11.2	<b>21.0</b> <b>2.4</b>
Fetroja	-	-	<b>13.0</b>	-	9.4	<b>39.3</b> <b>3.7</b>
<b>Shionogi B.V. (EU)</b>	16.9	8.3	<b>9.8</b>	<b>118.4</b>	8.3	<b>18.3</b> <b>1.5</b>
Fetroja	-	-	<b>7.6</b>	-	6.4	<b>19.1</b> <b>1.2</b>
<b>Shionogi China</b>	7.0	3.5	<b>3.0</b>	<b>84.9</b>	4.2	<b>(29.2)</b> <b>(1.2)</b>
<b>Others</b>	8.4	3.0	<b>4.3</b>	<b>142.1</b>	4.6	<b>(7.6)</b> <b>(0.4)</b>
<b>Contract manufacturing</b>	13.2	6.5	<b>7.1</b>	<b>109.5</b>	7.8	<b>(8.3)</b> <b>(0.6)</b>
<b>OTC and quasi-drug</b>	18.5	8.9	<b>7.9</b>	<b>88.4</b>	8.2	<b>(3.6)</b> <b>(0.3)</b>
<b>Royalty income</b>	257.9	128.7	<b>129.3</b>	<b>100.5</b>	121.5	<b>6.4</b> <b>7.8</b>
HIV franchise	244.8	125.8	<b>125.8</b>	<b>100.0</b>	119.6	<b>5.2</b> <b>6.2</b>
<b>Others</b>	13.1	2.9	<b>3.5</b>	<b>121.0</b>	1.9	<b>84.8</b> <b>1.6</b>
<b>Others</b>	2.5	1.2	<b>1.2</b>	<b>101.6</b>	0.5	<b>135.4</b> <b>0.7</b>
<b>Total</b>	530.0	233.0	<b>213.0</b>	<b>91.4</b>	214.0	<b>(0.5)</b> <b>(1.0)</b>

## Main variation factors (Y on Y)

### Prescription drugs

- Increase: Torii Pharmaceutical\*<sup>1</sup>
- Decrease: Sales of acute respiratory virus infection treatments
  - Sales of Xocova declined as the outbreak subsided

### Overseas subsidiaries/export

- Increase: Sales of cefiderocol (US and Europe)
- Decrease: Sales of China business

### Royalty income

- Increase:
  - HIV franchise: Sales generated by ViiV
  - Others: Royalty income from Roche
    - > Influenza outbreaks in China and US

# Prescription Drugs in Japan

(Unit: B yen)

			FY2025		FY2024	Y on Y	
	Forecast Full year	Forecast 1H	1H Results	Achievement (%)	1H Results	Change(%)	Change
<b>Acute Respiratory Virus Infection Treatments</b>	85.8	31.0	<b>8.7</b>	<b>28.0</b>	24.9	<b>(65.1)</b>	<b>(16.2)</b>
Quviviq	9.3	1.2	<b>0.4</b>	<b>35.6</b>	-	-	<b>0.4</b>
Symproic	8.1	3.9	<b>2.9</b>	<b>75.0</b>	2.4	<b>23.9</b>	<b>0.6</b>
OxyContin franchise	5.6	2.9	<b>2.3</b>	<b>78.8</b>	2.1	<b>10.7</b>	<b>0.2</b>
<b>Others</b>	74.2	23.0	<b>22.5</b>	<b>97.9</b>	18.4	<b>22.1</b>	<b>4.1</b>
<b>TORII</b>	33.0	3.0	<b>5.5</b>	<b>184.0</b>	-	-	<b>5.5</b>
<b>Total</b>	183.0	62.0	<b>36.8</b>	<b>59.4</b>	47.7	<b>(22.8)</b>	<b>(10.9)</b>

Acute respiratory virus infection treatments

- COVID-19 related product: Xocova
- Influenza franchise: Xofluza, Rapiacta

# Results for the 1H of FY 2025 and Future Outlook

## Accelerate efforts toward sustainable growth based on 1H results and challenges

	1H results	Challenges
Revenue	<b>Solid progress in the HIV business and overseas businesses</b> <ul style="list-style-type: none"><li>• Good progress as a medium to long-term revenue base</li></ul>	<b>Growth in domestic business</b> <ul style="list-style-type: none"><li>• Stabilization of acute respiratory infection business</li><li>• Growth in the QOL disease area*1</li></ul>
Profit	<b>Profit before tax and profit attributable to owners of parent growth exceeded the previous year</b> <ul style="list-style-type: none"><li>• Actions to manage costs in line with sales</li></ul>	<b>Strengthening company-wide cost management</b> <ul style="list-style-type: none"><li>• Timely and effective decision-making</li></ul>

# **FY2025 Financial Forecasts**



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# Revision of Earnings Forecast

Revenue and all profit items are expected to increase compared to the previous year

(Unit: B yen)

	FY2025			FY2024	Y on Y	
	Initial Forecast	Revised Forecast	Revised Amount	Result	Change (%)	Change
<b>Revenue</b>	530.0	<b>500.0</b>	<b>(30.0)</b>	438.3	<b>14.1</b>	<b>61.7</b>
<b>Operating profit</b>	175.0	<b>185.0</b>	<b>10.0</b>	156.6	<b>18.1</b>	<b>28.4</b>
<b>Profit before tax</b>	222.0	<b>232.0</b>	<b>10.0</b>	200.8	<b>15.6</b>	<b>31.2</b>
<b>Profit attributable to owners of parent</b>	180.0	<b>188.0</b>	<b>8.0</b>	170.4	<b>10.3</b>	<b>17.6</b>
<b>EBITDA*1</b>	196.0	<b>206.0</b>	<b>10.0</b>	179.3	<b>14.9</b>	<b>26.7</b>

# Assumptions Underlying the Revised Forecast

**Revenue forecast revised downward, while all profit metrics revised upward**

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## — Topline —

Upward  
revision

### **Royalty income and overseas subsidiaries/exports**

- **Increase in royalty income**
  - Increase in other royalties
  - Strong sales performance of HIV franchise by ViiV
- **Increase in sales at Shionogi Inc., and Shionogi B.V.**
  - Steady sales growth of cefiderocol

Downward  
revision

### **Prescription drugs**

#### **Delay in progress of acute respiratory infection treatments**

- Revision of forecasts for Xocova, Xofluza, and Quviviq

## — Cost management —

### **SG&A**

- A zero-based review following the shortfall first-half revenue
- Continued investment in activities for new product launches

### **R&D**

- Review of priorities including JT pharmaceutical pipeline
- Continued investment in key assets as planned

## — New business opportunities —

Upward  
revision

### **Growth in other income & Expenses**

- Increase in other income

# Consolidated Statement of Income

(Unit: B yen)

	FY2025 Forecast Full year			FY2025 Forecast 2H			FY2024	Y on Y	
	Initial Forecast	Revised Forecast	Revised Amount	Forecast (May. 12)	Revised Forecast	Revised Amount	Result	Change(%)	Change
Revenue	530.0	500.0	(30.0)	297.0	287.0	(10.0)	438.3	14.1	61.7
	16.6	16.4		18.5	18.4		14.6		
Cost of Sales	88.0	82.0	(6.0)	55.0	52.7	(2.3)	63.8	28.5	18.2
Gross profit	442.0	418.0	(24.0)	242.0	234.3	(7.7)	374.4	11.6	43.6
SG&A*1, R&D expenses total	263.0	240.0	(23.0)	147.0	133.2	(13.8)	214.7	11.8	25.3
	49.6	48.0		49.5	46.4		49.0		
SG&A*1	131.0	120.0	(11.0)	73.0	65.7	(7.3)	106.1	13.2	13.9
	24.7	24.0		24.6	22.9		24.2		
R&D expenses	132.0	120.0	(12.0)	74.0	67.6	(6.4)	108.6	10.5	11.4
	24.9	24.0		24.9	23.5		24.8		
Other income & Expenses	(4.0)	7.0	11.0	(2.0)	9.2	11.2	(3.2)	-	10.2
Operating profit	175.0	185.0	10.0	93.0	110.2	17.2	156.6	18.1	28.4
	33.0	37.0		31.3	38.4		35.7		
Finance income & costs	47.0	47.0	-	27.0	23.4	(3.6)	44.1	6.5	2.9
Profit before tax	222.0	232.0	10.0	120.0	133.6	13.6	200.8	15.6	31.2
	41.9	46.4		40.4	46.6		45.8		
Profit attributable to owners of parent	180.0	188.0	8.0	94.0	104.5	10.5	170.4	10.3	17.6

# Revenue by Business Segment

(Unit: B yen)

	FY2025 Forecast Full year			FY2025 Forecast 2H			FY2024	Y on Y	
	Initial Forecast	Revised Forecast	Revised Amount	Forecast (May 12)	Revised Forecast	Revised Amount	Result	Change(%)	Change
Prescription drugs	183.0	143.5	(39.5)	121.0	106.7	(14.3)	98.8	45.3	44.7
Overseas subsidiaries/export	54.9	61.0	6.1	29.2	30.4	1.2	59.1	3.2	1.9
Shionogi Inc. (US)	22.6	27.2	4.6	11.7	13.6	1.9	23.4	16.2	3.8
Shionogi B.V. (EU)	16.9	19.3	2.4	8.6	9.4	0.8	16.8	14.5	2.4
Shionogi China	7.0	5.9	(1.1)	3.5	3.0	(0.5)	8.7	(31.5)	(2.7)
Others	8.4	8.6	0.2	5.4	4.4	(1.0)	10.2	(15.5)	(1.6)
Contract manufacturing	13.2	14.0	0.8	6.7	6.9	0.2	17.3	(18.9)	(3.3)
OTC and quasi-drug	18.5	17.5	(1.0)	9.6	9.6	0.0	16.8	4.1	0.7
Royalty income	257.9	261.5	3.6	129.2	132.2	3.0	244.7	6.9	16.8
HIV franchise	244.8	245.0	0.2	119.0	119.2	0.2	240.4	1.9	4.6
Others	13.1	16.5	3.4	10.2	13.0	2.8	4.3	286.9	12.2
Others	2.5	2.5	-	1.3	1.3	0.0	1.7	48.8	0.8
Total	530.0	500.0	(30.0)	297.0	287.0	(10.0)	438.3	14.1	61.7

# Domestic Prescription Drug Revenue

(Unit: B yen)

	FY2025 Forecast Full year			FY2025 Forecast 2H			FY2024	Y on Y	
	Initial Forecast	Revised Forecast	Revised Amount	Forecast (May 12)	Revised Forecast	Revised Amount	Result	Change(%)	Change
<b>Acute Respiratory Virus Infection Treatments</b>	85.8	<b>56.0</b>	<b>(29.8)</b>	54.8	<b>47.3</b>	<b>(7.5)</b>	51.8	8.1	4.2
Quviviq	9.3	<b>2.5</b>	<b>(6.8)</b>	8.1	<b>2.1</b>	<b>(6.0)</b>	0.8	213.9	1.7
Symproic	8.1	<b>6.5</b>	<b>(1.6)</b>	4.2	<b>3.5</b>	<b>(0.7)</b>	5.0	28.7	1.4
OxyContin franchise	5.6	<b>5.3</b>	<b>(0.3)</b>	2.7	<b>3.0</b>	<b>0.3</b>	4.3	25.1	1.1
<b>Others</b>	74.2	<b>73.2</b>	<b>(1.0)</b>	51.2	<b>50.7</b>	<b>(0.5)</b>	36.9	98.4	36.3
Torii Pharmaceutical	33.0	<b>41.2</b>	<b>8.2</b>	30.0	<b>35.7</b>	<b>5.7</b>	-	-	41.2
<b>Prescription drugs</b>	183.0	<b>143.5</b>	<b>(39.5)</b>	121.0	<b>106.7</b>	<b>(14.3)</b>	98.8	45.3	44.7

Acute respiratory virus infection treatments

- COVID-19 related product: Xocova
- Influenza franchise: Xofluza, Rapiacta

# **Domestic and Overseas Business Outlook**



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# Strategic Directions for Infectious Diseases area

**Ensuring social contribution and revenue stability through a diversified portfolio of infectious disease treatments**

- COVID-19 treatment -

**XOCOVA**

(3CL protease inhibitor)



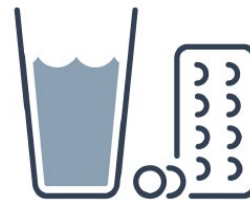
**Oral medication recommended by academic societies, regardless of risk factors for severe illness\*<sup>1</sup>**

- Influenza treatments -

**XOFLUZA**

(Cap-dependent endonuclease inhibitor)

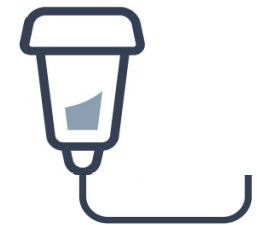
Granules formulation scheduled for launch within this calendar year



**The only oral medication that can both treat and prevent Flu with a single dose**

**RAPIACTA**

(Neuraminidase inhibitor)



**Reliable administration can be ensured even when oral administration is limited**

**※Influenza: Trending in the 2025/2026 season (The second fastest in the past 20 years)**

# Review of our Efforts against COVID-19


## Modest overall treatment rate growth, significant increase among High-Risk\*1 patients

—Treatment rate and Xocova share among oral antivirals—

	FY2025 Target	FY2024 1H	FY2025 1H
Average Xocova share	> 65%	Approximately 65%	Approximately 65%
Treatment rate*2 <small>Average value of the most prevalent month</small>	> 20%	13.1%	<b>13.9%</b>
<ul style="list-style-type: none"><li>Maintains a strong market share in the oral antiviral market</li><li>Despite efforts to raise disease awareness, the treatment rate did not reach our target</li></ul>			

—Treatment rate by risk category—

HR patients	<b>29.4</b> %*3 (7.1% up Y on Y) The risk of severe disease remains high, and the need for treatment is becoming increasingly recognized
SR*4 patients	<b>7.0</b> %*3 (1.6% up Y on Y) Lower need for treatment despite variant changes

\*1 HR (High Risk): Based on information from the Ministry of Health, Labour and Welfare and academic societies, HR is defined as having risk factors for severe disease such as advanced age or underlying conditions \*2 Created by our company based on JAMDAS data \*3 Created by our company based on JAMDAS data (2024) report \*4 SR(Standard Risk): Define non-HR cases as SR  SHIONOGI

# Future Initiatives for COVID-19

## Strengthening activities to prevent severe disease in HR patients requiring early diagnosis and treatment

—Need for Preventing Severe Disease in HR Patients—

The current treatment rate is insufficient, and the number of hospitalized patients remains high

Number of hospitalized patients\*1  
Approximately **50** K people

Early diagnosis and treatment at community clinics is critical

—New clinical guideline announced by the 5 Societies—

- 1 **Recommendation for early diagnosis and early treatment**
- 2 **Recommended Xocova as a treatment option for preventing severe illness**


※Published on October 16, 2025

—Enhancing Xocova Information Provision Activities—

### Strengthening activities for HR patients aimed at preventing severe disease

1


**Clinical Evidence**



Real-world evidence on reducing hospital admissions\*3 and shortening hospital stays\*4 in HR patients

2


**Economic & Pharmaceutical Value**



Communicate benefits of reducing severe cases and hospitalization

3

**Co-Promotion**



Collaborate with Trii flu clinics to reinforce early treatment initiatives

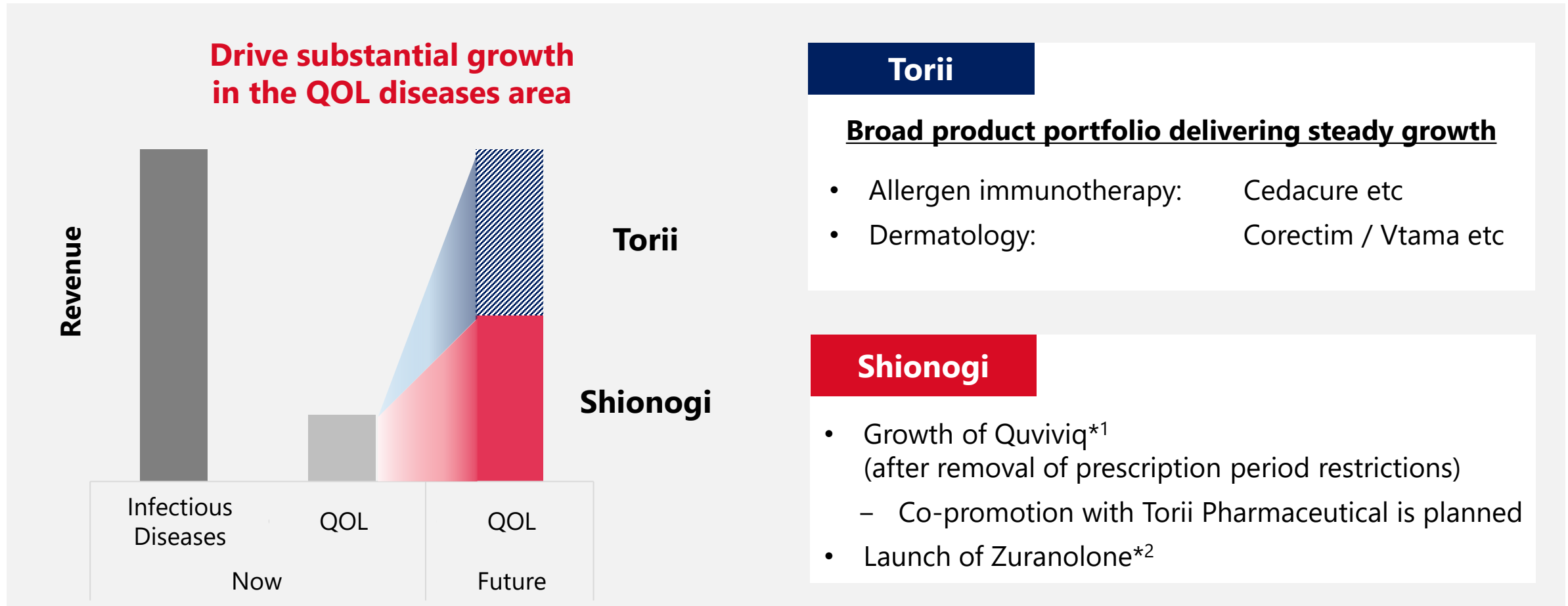
\*1 Ministry of Health, Labour and Welfare: October 17, 2025 – Situation Report on Novel Coronavirus Infection (COVID-19) \*2 <https://nishakyo.or.jp/siryo/covid-sisin.pdf>

\*3 Takahiro Takazono et al., Real-World Effectiveness of Ensitrelvir in Reducing Severe Outcomes in Outpatients at High Risk for COVID-19

\*4 Ryohei Yoshida et al., Real-World Efficacy of Ensitrelvir in Hospitalized Patients With COVID-19 in Japan: A Retrospective Observational Study

# Strategic Directions for QOL Diseases area

## Making QOL disease area a business pillar alongside infectious diseases area



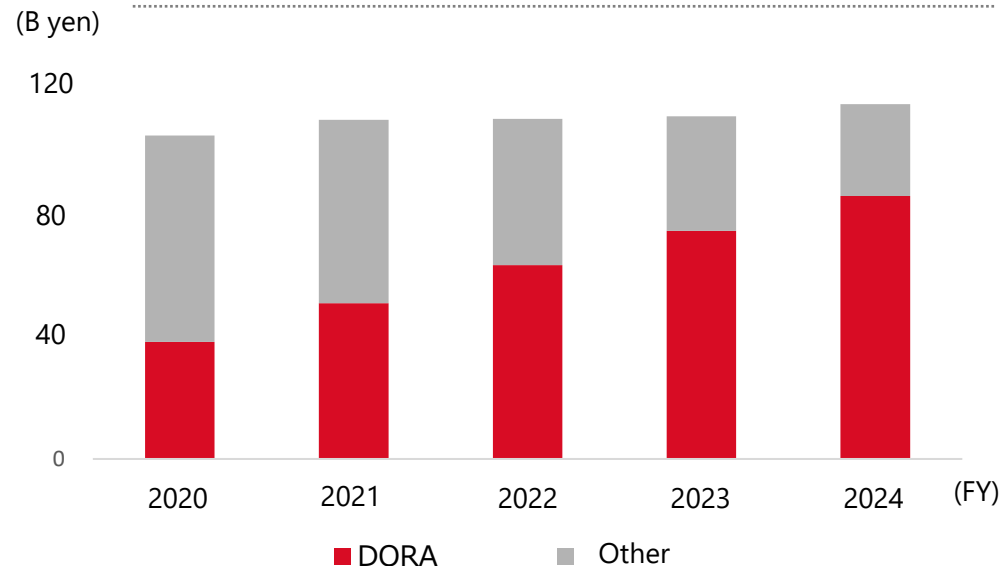
# Driving Growth of Quviviq (Insomnia treatment)

**Market penetration accelerated with the lifting of prescription period restrictions on December 1st.**

## Insomnia Market\*<sup>1</sup>

Market size: Estimated at over ¥100 billion annually

- Growth of DORAs\*<sup>2</sup> driving market expansion



## Current Status

- Limited prescription duration: Maximum of 14 days per fill\*<sup>3</sup>

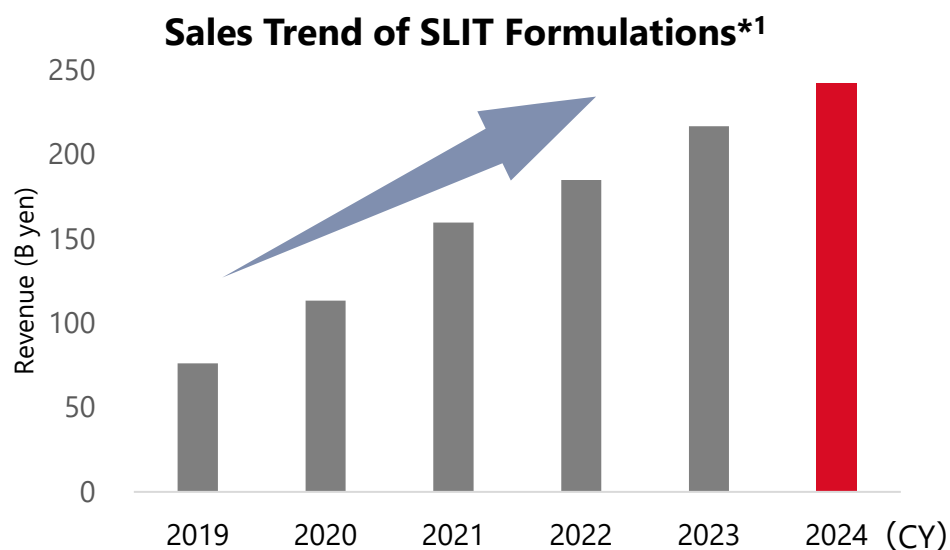
## Results of Actions

- Maintained MR detailing rank within **Top 3**\*<sup>4</sup>
- Number of adoptions expanded steadily
  - Accumulated prescription experience and confirmed positive feedback

# Strengthening QOL Disease Area by Full Acquisition of Torii Pharmaceutical

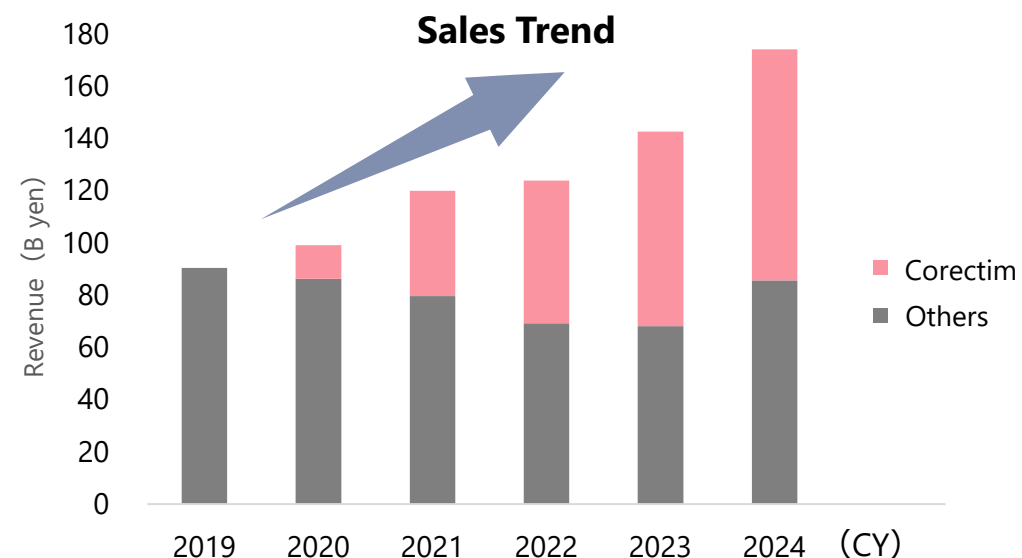
## Achieving stable growth in both the allergen and dermatology segments

### Allergens



- Operating of API Manufacturing Facility for Cedarcure
- Increasing Inventory in Preparation for Lifting of Shipping Restrictions

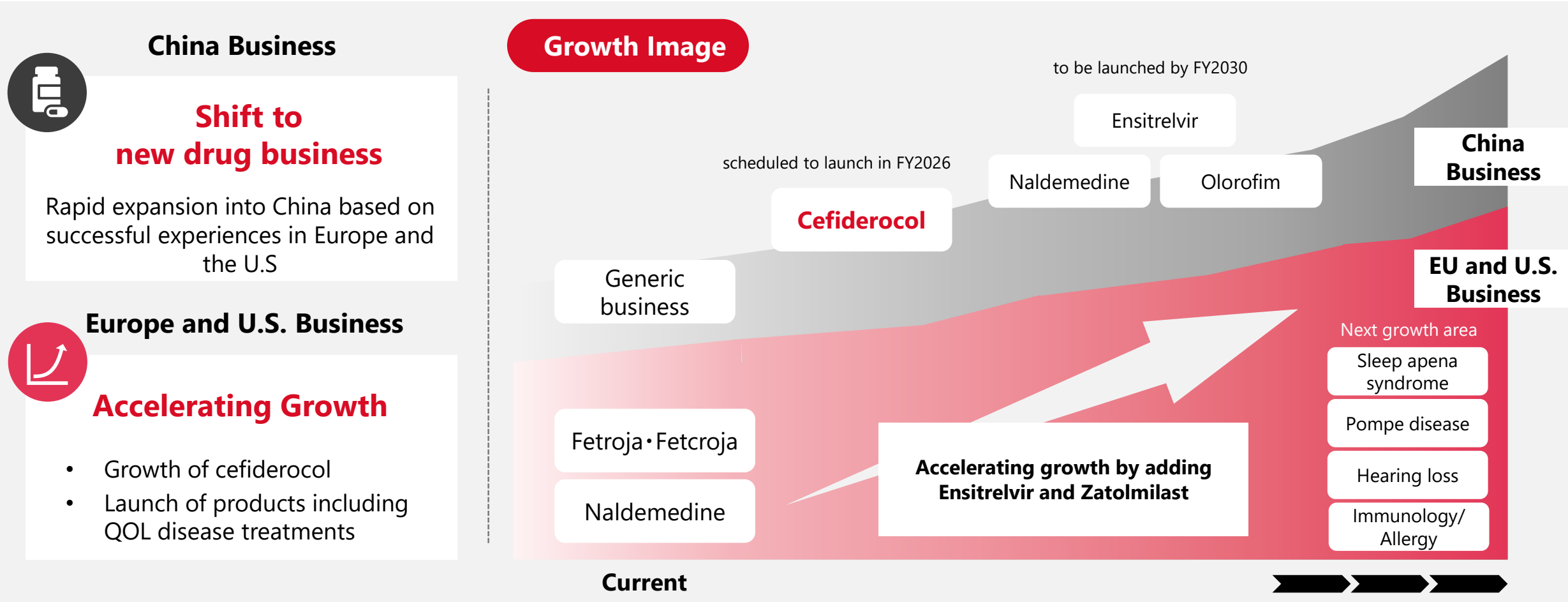
### Dermatology



- Sustained Growth Driven by Expansion of Corectim
- Further Growth Through Early Market Penetration of Vtama\*2

# Further Growth of Overseas Business

Accelerate growth in Europe and U.S. business, and full-scale expansion of new drug business in China



# **Toward the Realization of the 2030 Vision**

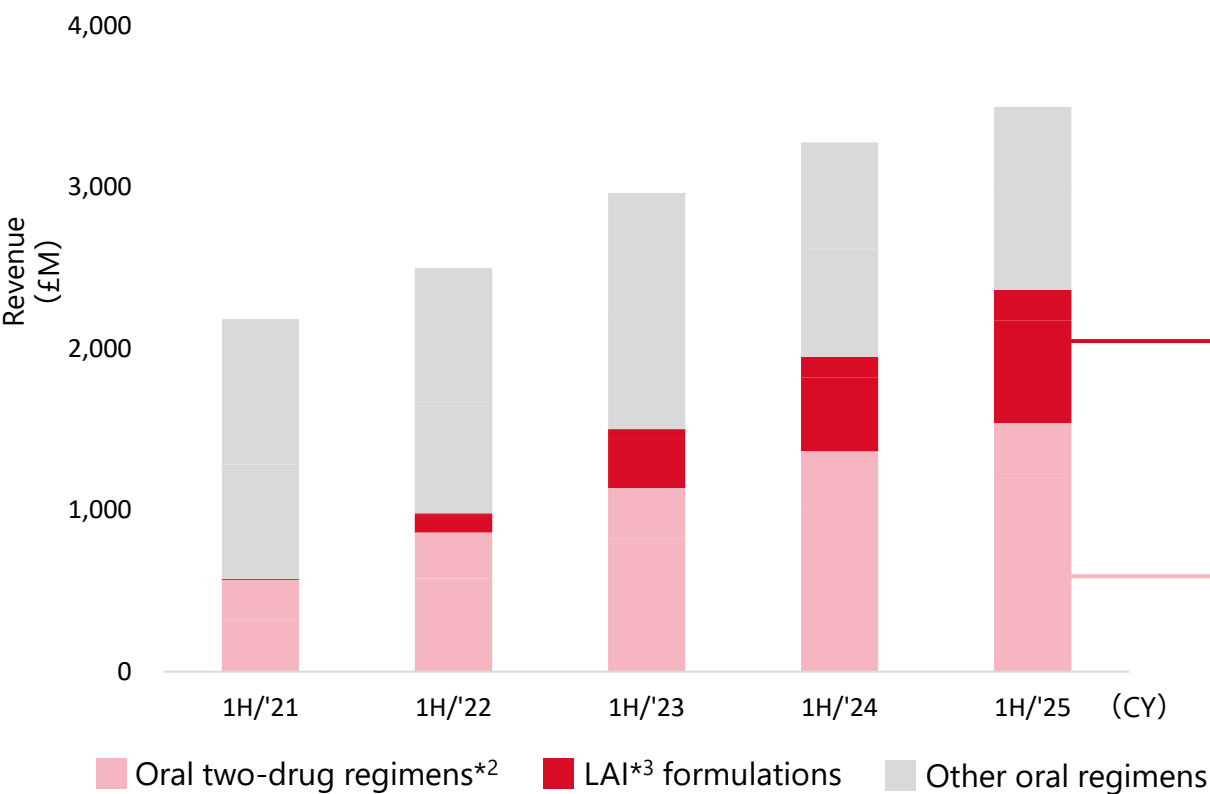


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# HIV Business: Progress in ViiV's HIV Franchise (GSK's Q2 results as of July 30, 2025)

Driving overall growth of the HIV business through expansion of LAI formulations and oral two-drug regimens

ViiV's sales trends\*1



YoY increase from the same period

**Treatment**

**Cabenuva** (cabotegravir + rilpivirine)

+ £177M (+42%) Q1 CY2025 result: £635M

**Prevention**

**Apretude** (cabotegravir)

+ £64M (+56%) Q1 CY2025 result: £190M

**Treatment**

**Dovato** (dolutegravir + lamivudine)

+ £191M (+21%) Q1 CY2025 result: £1,225M

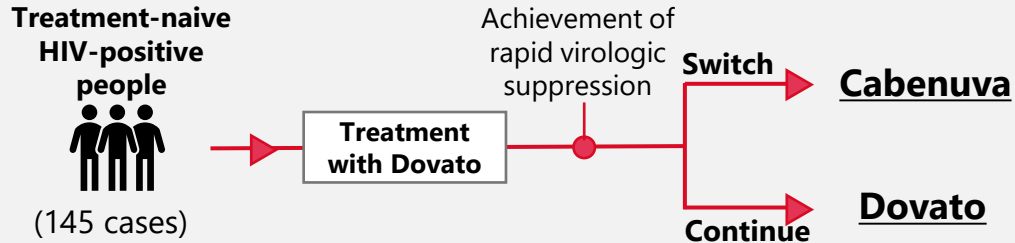
# Various Clinical Data Supporting the Growth of LAI Products

**Multiple reports suggest that cabotegravir formulations are preferred for treatment and prevention**

## Treatment

### VOLITION trial\*1,2

**A study investigating whether treatment-naïve people choose to switch to Cabenuva after achieving rapid viral suppression with Dovato**



Evaluate the rates and drivers for switching from oral 2-drug regimens to LAI

#### Switching to Cabenuva

Percentage of patients who chose to switch from oral medication to LAI formulations

**89 %**

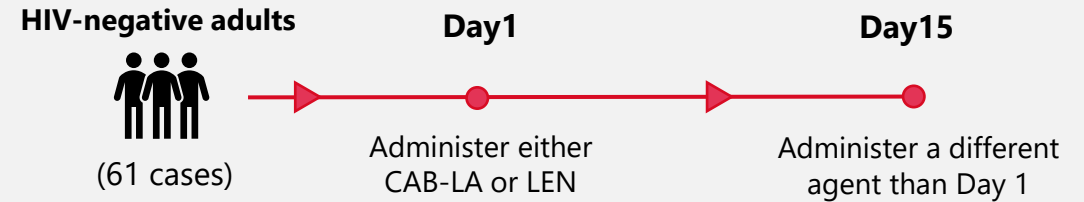
#### Switching drivers

Not having to worry about missing a dose each day **80 %**  
Not having to carry medication **68 %**

## Prevention

### CLARITY trial\*3,4

**Phase1 study comparing acceptability and tolerability of single dose cabotegravir (CAB-LA) and lenacapavir (LEN) injections**



Evaluate the acceptability of injection site reactions 7 days after administration of each drug.

#### Participants who answered "completely or very acceptable"

CAB-LA **68 %**      LEN **48 %**

#### Percentage of people who preferred CAB-LA after single dose

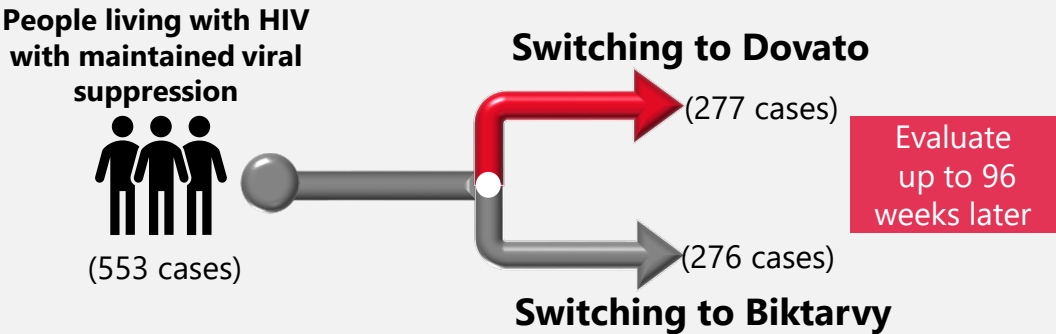
HIV-negative adults **90 %**      Healthcare providers **86 %**

# Clinical Evidence for Oral Two-Drug Regimens Uptake

Dovato as a promising option not only for its viral suppression effects but also for its impact on weight

## PASO DOBLE trial\*1,2

A head-to-head study comparing the two-drug regimen  
Dovato with Biktarvy (three-drug regimen)



Primary endpoint	Viral suppression after 96 weeks of treatment (Proportion of patients with HIV-1 RNA levels of $\geq 50$ copies/mL, FDA snapshot method, non-inferiority margin 4%)
Key secondary endpoints	Weight gain, BMI change, percentage of subjects with weight gain of 5% or more, etc.

## Results

### Achieved primary and key secondary endpoints

- Viral load suppression effects after 96 weeks ----- **Non-inferiority**
- Weight gain side effect ----- **Significantly suppressed**

	Dovato	Biktarvy
Virologic failure	0 case	3 cases
Weight change after 96 wk	0.84 kg	2.35 kg
Percentage of participants gaining $\geq 5\%$ of their body weight at wk 96	20.1%	34.8%
Drug-related adverse events	7.6%	13.4%

\*1 [ViiV HEALTHCARE ANNOUNCES 96-WEEK DATA REAFFIRMING DOVATO IS AS EFFECTIVE AS BIKTARVY IN MAINTAINING VIROLOGICAL SUPPRESSION OF HIV-1 WITH SIGNIFICANTLY LESS WEIGHT GAIN](#) \*2 [NCT04884139](#)

# Investment Strategy for Future Growth

**Aiming to expand business in growth areas  
through aggressive investment, leveraging abundant cash flow**



## Business Investment

### Proactive Promotion of Deals

JT Group Pharmaceutical Business M&A  
Several other deals in progress

#### Prerequisites

- Further strengthen SHIONOGI's strengths
- Do not overinvest or buy at high prices



## Capital Investment

### Establishing a production system resilient to changes

Reintegration of Shionogi Pharma  
Strengthen the global supply chain

#### Planned

- Update our own factories
- Establish overseas production capabilities



## R&D Investment

### Enhancing in-house drug discovery capabilities

Reorganization of research structure  
(integration with JT)  
Progress in development pipeline

#### In progress

- Enhance speed and quality of drug discovery
- Focused investment in high-priority development pipeline

# Reintegration of Shionogi Pharma\*1

**As a company striving to tackle infectious diseases,  
we have reaffirmed the importance of building a production system resilient to environmental changes**

## - Factors behind the reintegration -

### External Environment

- **Sudden fluctuations in demand**
  - Outbreaks of acute infectious diseases, shortages in medical pharmaceuticals supply
- **Rising geopolitical risks**
  - Risks in supply of raw materials and active pharmaceutical ingredients from overseas, rising costs
- **Declining labor population involved in production and quality**

### Business Environment

- **Global business expansion, mainly for infectious disease drugs**
  - Cefiderocol, Ensitrelvir
- **JT Group pharmaceutical business M&A**
  - Torii and JT products, development pipeline

## - Future Challenges and Countermeasures -

### Accelerating the construction of a unified group production system

Shionogi & Co., Ltd.  
(Parent company)

100%

Shionogi Pharma  
Co., Ltd.  
(Subsidiary)



Shionogi & Co., Ltd.



Reintegrate production  
functions within the company

- Building a production system for sudden fluctuations in demand
- Strengthening efforts in cost control and cost reduction
- Retaining and acquiring personnel responsible for production and quality control

# Strengthening the Global Supply Chain

**Establish manufacturing methods with superior quality and efficiency at in-house factories, and stably supply products globally under any circumstances**

## - Developing a self-led production network -

**Centering on in-house factories and Expanding the range of control within the company**

1

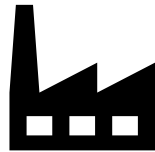
**Review of manufacturing methods at in-house factories**



Establish manufacturing methods with superior quality and efficiency

2

**Expansion of production sites according to revenue growth**



Based on established manufacturing methods, expand to 2nd and 3rd sites

## - Key initiatives toward achieving our goals -



**Update on our own factory**

- Streamlining production and reducing manpower through advanced manufacturing technologies
  - Promotion of continuous manufacturing and DX<sup>\*1</sup> initiatives



**Enhancement of overseas manufacturing capabilities**

- Establishment of new overseas production sites
- Strengthening the global network with CMOs<sup>\*2</sup> and suppliers



**S&OP<sup>\*3</sup> Function Reform**

- **Strengthening collaboration among sales, supply, and production function**
  - Supplying medications in line with infectious disease trends
  - Ensuring a stable supply through highly accurate forecasting

# Major Development Projects: Infectious Diseases

Project	Indication	Current stage* <sup>1</sup>	Update
<b>Ensitrelvir</b>	COVID-19 treatment	Submission	<b>Acceptance of New Drug Application by the EMA*<sup>2</sup></b>
	COVID-19 treatment (age 6-11)	Submission	
	COVID-19 PEP	Submission	<b>Acceptance of New Drug Application by the FDA*<sup>3</sup> and EMA</b>
S-268024	COVID-19 (JN.1 vaccine)	Phase 3	
<b>Cefiderocol</b>	AMR* <sup>4</sup> (Pediatric • Gram-negative bacterial infection)	Phase 3	<b>Completed submission of all clinical trial reports to the FDA and EMA</b>
Olorofim	Invasive Aspergillosis	Phase 3	
<b>S-337395</b>	RSV infections	Phase 2b	<b>Initiated a phase 2b trial</b>
<b>S-892216</b>	COVID-19 treatment (Oral pill • treatment)	Phase 2	<b>Primary endpoint achieved</b>
	COVID-19 (Long-acting injectable • pre-exposure prophylaxis)	Phase 1	<b>Fast Track designation granted by the FDA</b>
S-743229	AMR (Complicated urinary tract infection)	Phase 1	
S-649228	AMR (Gram-negative bacterial infection)	Phase 1	
S-567123	COVID-19 Prevention(Injection)	non-clinical	

# Major Development Projects: QOL Diseases with High Social Impact

Project	Indication	Current stage* <sup>1</sup>	Update
Zuranolone	Depression	Submission	
Resiniferatoxin	Pain associated with knee osteoarthritis	Phase 3	
<b>Zatolmilast</b>	Fragile X syndrome	Phase 2/3	<b>LPO*<sup>2</sup> achieved</b>
	Jordan syndrome	Phase 2	
Redasemtide	Dystrophic epidermolysis bullosa	Phase 2	
	Acute ischemic stroke	Phase 2b	
SASS-001 (S-600918+ Combination medicine)	Sleep apnea syndrome (central component)	Phase 2	
<b>SASS-002 (Sulthiame)</b>	Sleep apnea syndrome (obstructive)	Phase 2	<b>The results of the Phase 2 trial were published in the Lancet*<sup>3</sup></b>
S-606001	Pompe disease	Phase 2	
S-309309	Obesity	Phase 2	
<b>S-531011</b>	Solid tumors	Phase 1b/2	<b>Obtained the results of Phase 1b parts</b>
S-151128	Chronic pain	Phase 1b	

\*<sup>1</sup> The current stage indicated refers to the most advanced stage in any region, excluding countries or regions where the product has already been launched, and is not based on any specific region

\*<sup>2</sup> LPO : Last Patient Out \*<sup>3</sup> The clinical trial conducted by Desitin prior to asset introduction to Shionogi-Apnimed Sleep Science, LLC: [The Lancet](#)

# S-892216 (COVID-19 Treatment, Oral): Phase 2 Trial Results

**The Phase 2 trial conducted in Japan and US successfully achieved its primary endpoint**

## Trial design

<b>Trial Design</b>	Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-group trial
<b>Subjects</b>	Outpatients with COVID-19
<b>Primary Endpoint</b>	Change from baseline in SARS-CoV-2 viral RNA level by qRT-PCR testing (Nasopharyngeal swabs) on day 4
<b>Secondary Endpoints</b>	Safety, Pharmacokinetics, Time to sustained resolution of COVID-19 symptoms etc.
<b>Dosing Regimen Sample Size</b>	70 subjects each group <ul style="list-style-type: none"><li>• Placebo</li><li>• S-892216: 3 groups</li></ul>

## Preliminary trial results

- **Achieved primary endpoint**
  - Statistically significant reductions in viral load were confirmed in all S-892216 groups compared with placebo
- No new safety concerns were identified



**Accelerating data analysis and study design planning in preparation for the upcoming Phase 3 trials**

# Cefiderocol Development Progress

**Positive results confirmed in clinical trials on pediatric and neonates, application to be filed in Europe and the US within the fiscal year**

## Trial overview

### Trial list

Pediatric\*<sup>1</sup>: PEDI-CEFI\*<sup>2</sup>, APEKS-PEDI\*<sup>3</sup>  
Neonate\*<sup>4</sup>: NEO-CEFI\*<sup>5</sup>

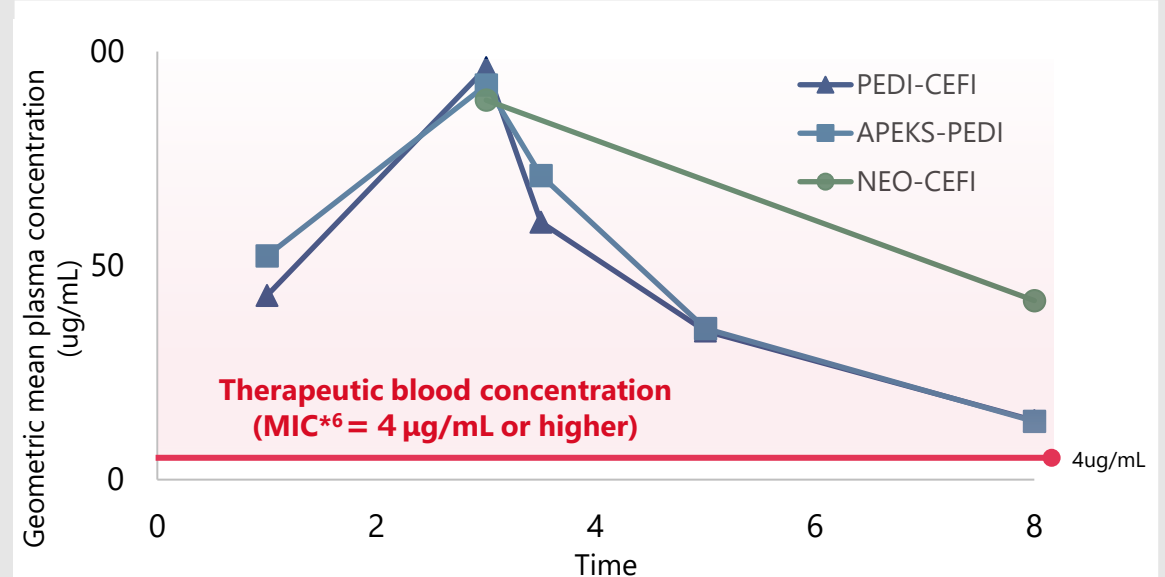
### Study population

Hospitalized pediatric and neonatal patients with suspected or confirmed gram- negative bacterial infections

### objective

Evaluate safety, tolerability, and pharmacokinetics in single and multiple doses

## Results



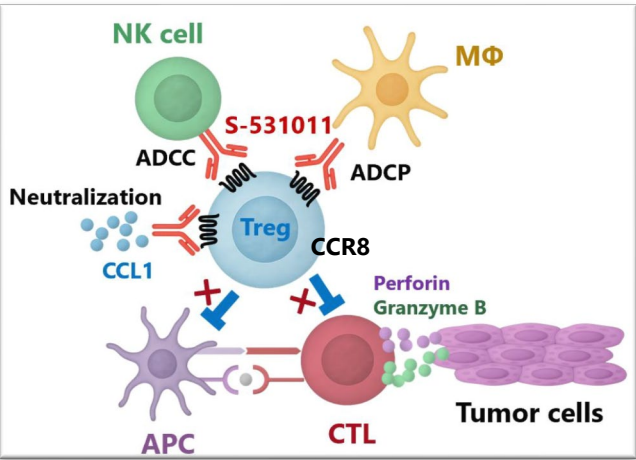
- **Confirmed safety equivalent to that of adults**
- **Confirmed maintenance of plasma concentrations at therapeutically effective levels**

# S-531011 Mechanism and Future Schedule

Phase 1b trials showed positive results, and Phase 2 trials are currently underway

## Concept and Mechanism

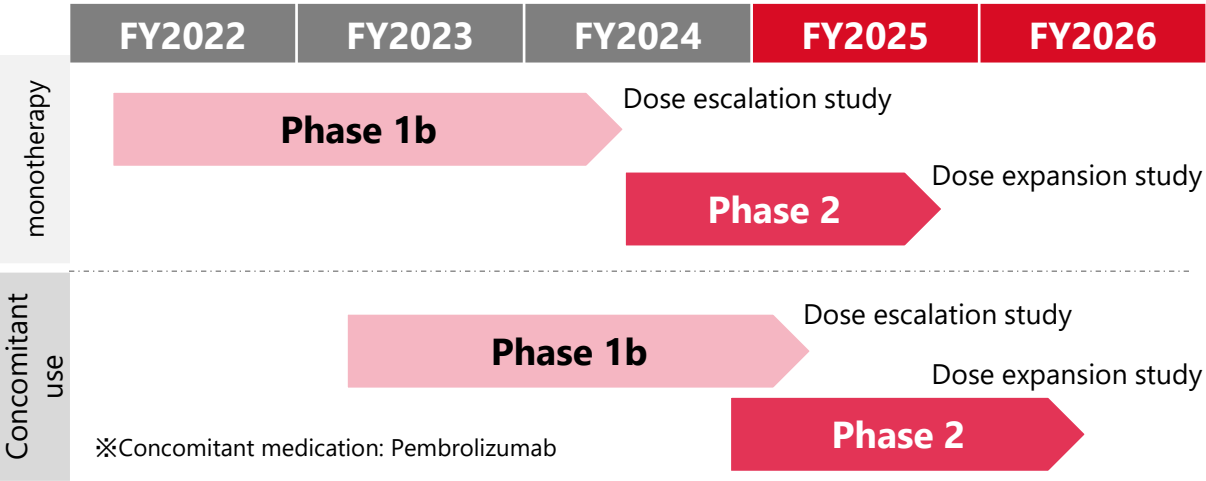
- 1995: Discovery of the existence of Treg\*1
- 2014: Collaborative research with Osaka University on Treg begins
- 2018: CCR8\*2, which is selectively highly expressed in intratumoral Tregs (patent pending) is discovered
- 2022: Clinical trials for S-531011 (a humanized antibody targeting CCR8) begins



- 1 S-531011 selectively binds to CCR8 expressed on tumor-infiltrating Tregs, exhibiting ADCC\*3 activity, ADPC\*4 activity, and neutralizing activity
- 2 Depletes tumor-infiltrating Tregs, thereby relieving immunosuppression
- 3 Restores tumor immunity and exerts antitumor effects

## Phase 1b trial results\*5 and future schedule

- Both monotherapy and combination therapy with pembrolizumab demonstrated **promising antitumor activity in advanced and metastatic colorectal cancer**
- All doses were **well tolerated**, both as monotherapy and in combination with Pembrolizumab



\*1 CCR8: Chemokine (C-C motif) receptor 8 \*2 Treg: Regulatory T cell \*3 ADCC: Antibody-Dependent Cellular Cytotoxicity \*4 ADPC: Antibody-Dependent Cellular Phagocytosis \*5 Presented at ASCO 2025 (American Society of Clinical Oncology Annual Meeting)

# Shareholder Return

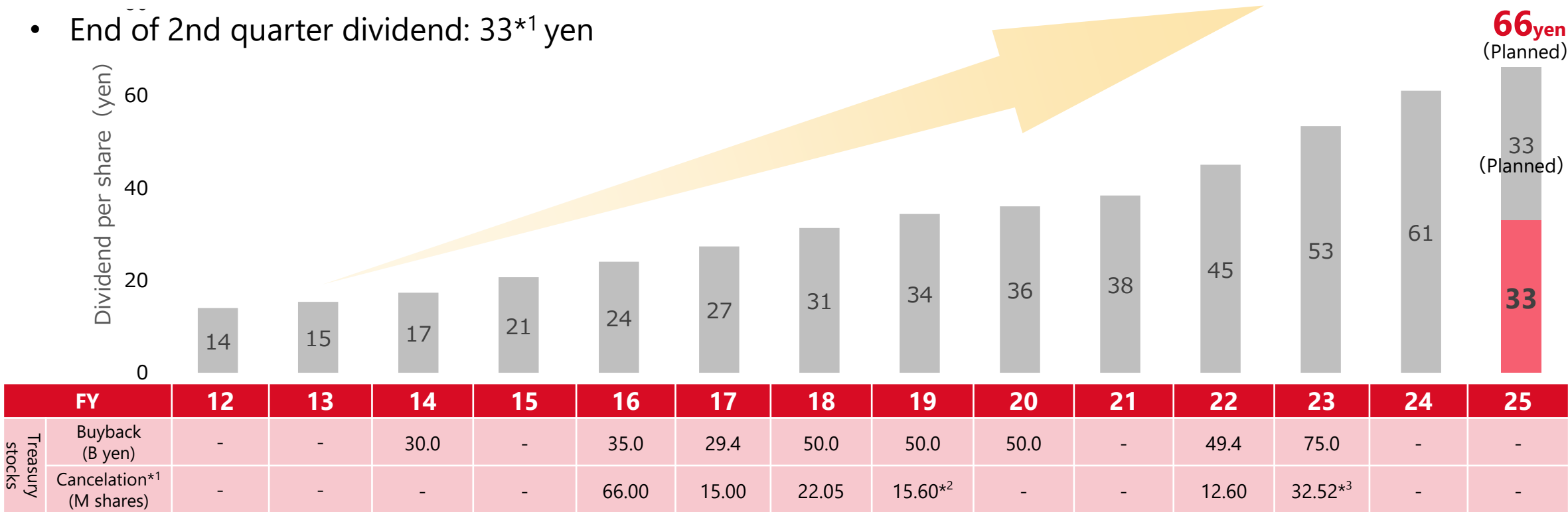


SHIONOGI

# Shareholder Return

## Shareholder return policy through which shareholders can feel our growth

- Considering flexible share buybacks based on the progress of growth investments
- Planning the **14th** consecutive annual dividend increase for FY2025
- End of 2nd quarter dividend: 33\*<sup>1</sup> yen



\*<sup>1</sup> Effective October 1, 2024, Shionogi has implemented a 3-for-1 stock split of its common stock. Dividends and Treasury stock's Cancellation are calculated based on the assumption that the stock split was implemented at the beginning of the FY2012 \*<sup>2</sup> Resolution passed on March 30, 2020, and treasury shares cancelled on April 6

\*<sup>3</sup> Resolution passed on July 31, 2023, and treasury shares cancelled on April 17, 2024

# Appendix

# Shareholder Returns

## Financial KPIs for the Medium-Term Management Plan STS2030 Revision Phase 2\*1

Shareholder returns	FY2023 Results	FY2024 Results	FY2025 Target
EPS	<b>181.17</b> yen	<b>200.36</b> yen	<b>200</b> yen or more
DOE	<b>4.0</b> %	<b>4.0</b> %	<b>4</b> %
ROE	<b>13.9</b> %	<b>13.1</b> %	<b>14</b> % or more

# FY2025 Exchange Rate

## Exchange rate (average during the period)

	FY2025		
	Forecast (5/13)	Forecast (10/27)	Apr.-Sep. Results
<b>USD(\$)</b> – <b>JPY(¥)</b>	147 yen	146 yen	146.03 yen
<b>GBP(£)</b> – <b>JPY(¥)</b>	187 yen	197 yen	195.96 yen
<b>EUR(€)</b> – <b>JPY(¥)</b>	153 yen	171 yen	168.06 yen

# Major Development Products

## - Infection Diseases -

Pipeline	Indication	Current stage	Target Launch Timing*1
<b>Ensitrelvir</b>	COVID-19 treatment	Submission	- FY2027
	COVID-19 treatment (Pediatric Ages 6-11)	Submission	- FY2027
	COVID-19 PEP	Submission	- FY2027
<b>S-268024</b>	COVID-19 (JN.1Vaccine)	Phase3	- FY2027
<b>Cefiderocol</b>	Pediatric, Gram-negative bacterial infection	Phase 3	- FY2027
<b>Olorofim</b>	Invasive Aspergillosis	Phase 3	FY2028-2030
<b>S-337395</b>	RSV infections	Phase 2	FY2028-2030
<b>S-743229</b>	Complicated urinary tract infection	Phase 1	FY2028-2030
<b>S-649228</b>	Gram-negative bacterial infection	Phase 1	FY2028-2030
<b>S-567123</b>	COVID-19 (Universal vaccine)	Preclinical	FY2028-2030
<b>S-892216</b>	COVID-19 treatment (Oral))	Phase 2	FY2028-2030
	COVID-19 Prevention (Injection)	Phase 1	FY2031-

## - QOL Diseases -

Pipeline	Indication	Current stage	Target Launch Timing*1
<b>Zuranolone</b>	Depression	Submission	FY2025
<b>Resiniferatoxin</b>	Pain associated with knee osteoarthritis	Phase 3	- FY2027
<b>Zatolmilast</b>	Fragile X syndrome	Phase 2/3	- FY2027
	Jordan syndrome	Phase 2	- FY2027
<b>Redasemtide</b>	Dystrophic epidermolysis bullosa	Phase 2	- FY2027
	Acute ischemic stroke	Phase 2b	FY2028-2030
<b>SASS-001</b> (S-600918 + Combination medicine)	Sleep Apnea with a Central Component	Phase 2	FY2028-2030
<b>S-531011</b>	Solid tumor	Phase 1b/2	FY2028-2030
<b>S-151128</b>	Chronic pain	Phase 1b	FY2031-
<b>S-606001</b>	Pompe disease	Phase 2	FY2031-
<b>S-309309</b>	Obesity	Phase 2	Development Plan Under Consideration

# R&D Milestones Planned for FY2025

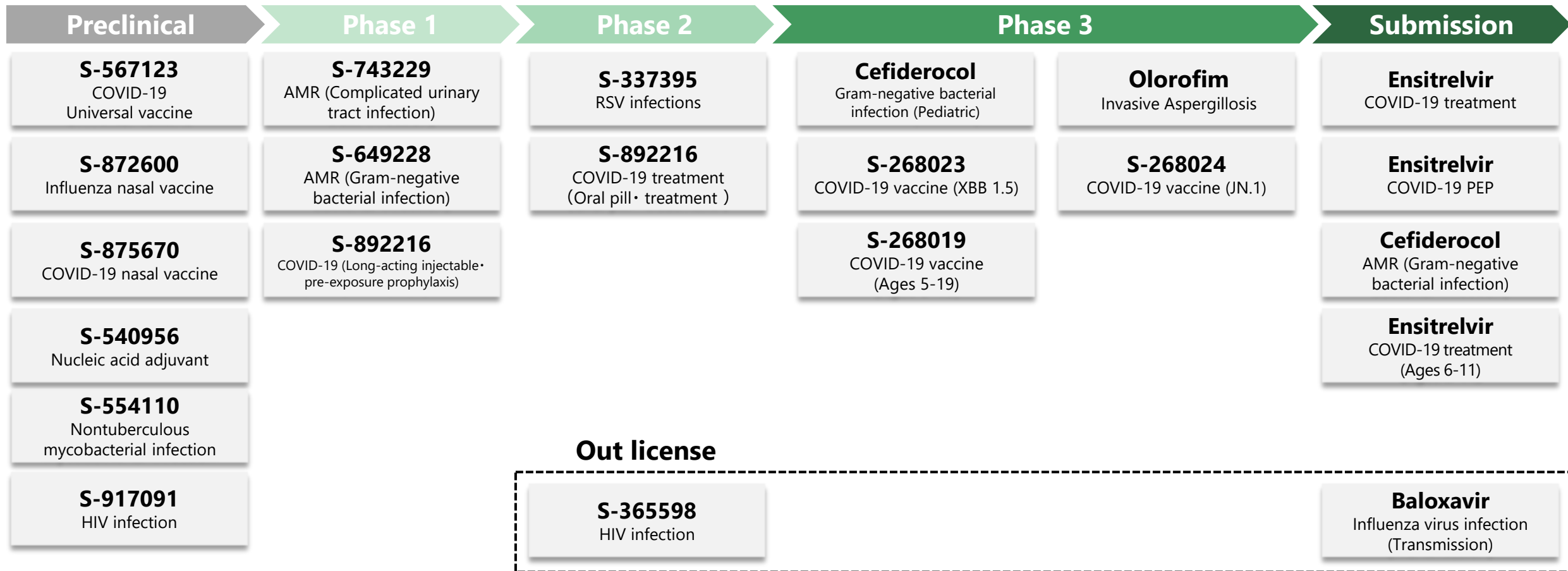
Red: Update from July 29, 2025, to October 28, 2025, ✓: Milestone-completed items

※Topline results: It is the timing of acquisition, and the timing of disclosure will be considered separately

Disease area	Pipeline	Indication	Current stage	FY2025 1H		FY2025 2H	
Infection Diseases	Ensitrelvir	COVID-19 treatment	Submission	Submission (EU)	✓		
		COVID-19 PEP	Submission	Submission (US, EU)	✓	Approval (Japan)	
		COVID-19 treatment (Pediatric Ages 6-11)	Submission	Submission (Japan)	✓		
	S-268024	COVID-19 (JN.1Vaccine)	Phase 3	Phase 3 Topline results	✓		
	Cefiderocol	Pediatric, Gram-negative bacterial infection	Phase 3	Phase 3 Topline results	✓	Submission (US, EU)	
	S-892216	COVID-19 treatment (Oral)	Phase 2			Phase 2 Topline results	✓
	S-743229	complicated urinary tract infection	Phase 1			Phase 1 Topline results	
	S-649228	Gram-negative bacterial infection	Phase 1			Phase 1 Topline results	
QOL Diseases with High Social Impact	Zuranolone	Depression	Submission			Approval (Japan)	
	Zatolmilast	Fragile X syndrome	Phase 2/3			Phase 2/3 Topline results	
	SASS-001 (S-600918 + Combination medicine)	Sleep Apnea with a Central Component	Phase 2			Phase 2 Topline results	
	S-531011	Solid tumor	Phase 1b/2			Phase 2 Topline results	
	S-606001	Pompe disease	Phase 2	Phase 1 Topline results	✓		
	S-740792	Gait disorders associated with multiple sclerosis	Phase 1			Phase 1 Topline results	

# Pipeline: Infectious Diseases

as of October 27, 2025

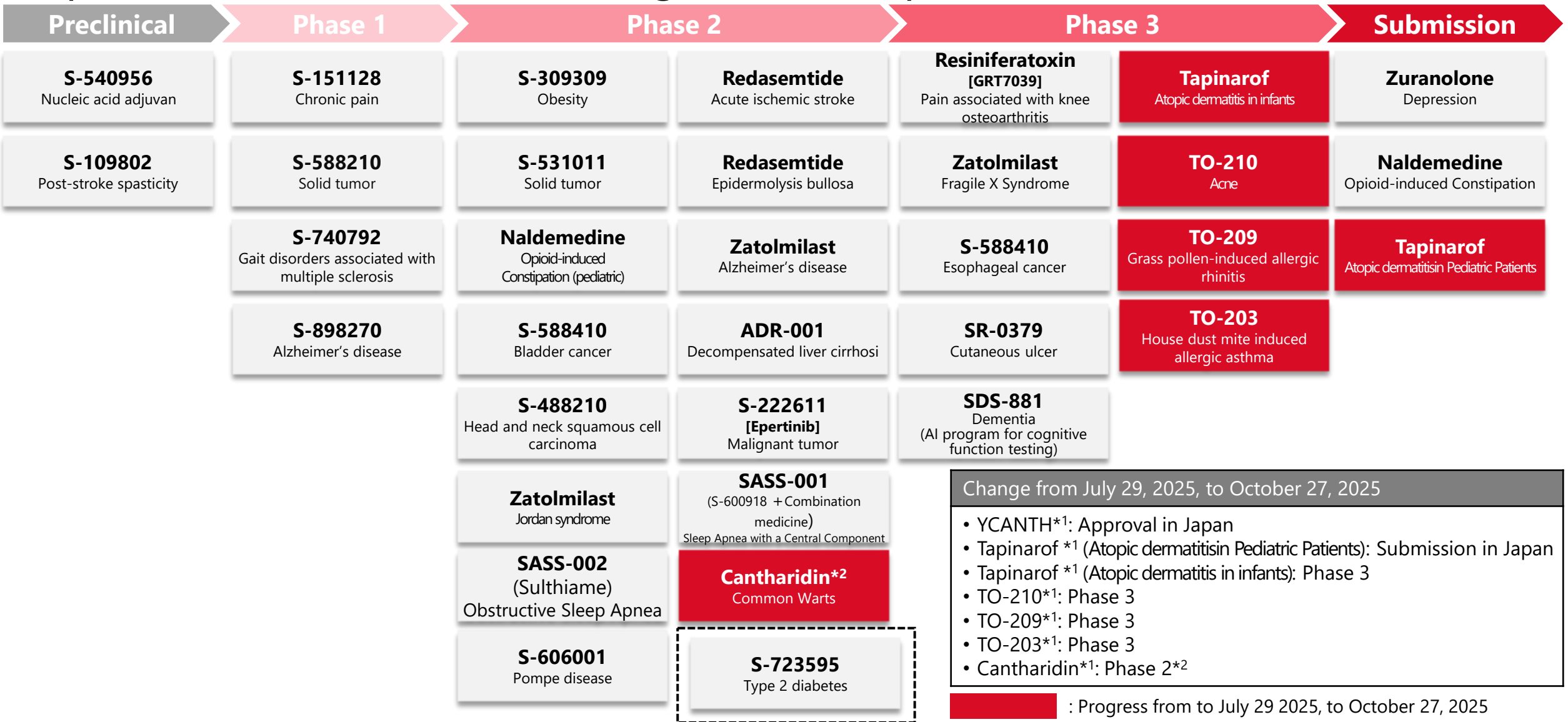


Change from July 29, 2025, to October 27, 2025

- Baloxavir (Influenza virus infection Granules, < 20kg): Approval in Japan

# Pipeline: QOL Diseases with High Social Impact

as of October 27, 2025



Out license

Change from July 29, 2025, to October 27, 2025

- YCANTH\*1: Approval in Japan
- Tapinarof \*1 (Atopic dermatitis in Pediatric Patients): Submission in Japan
- Tapinarof \*1 (Atopic dermatitis in infants): Phase 3
- TO-210\*1: Phase 3
- TO-209\*1: Phase 3
- TO-203\*1: Phase 3
- Cantharidin\*1: Phase 2\*2

Progress from to July 29 2025, to October 27, 2025

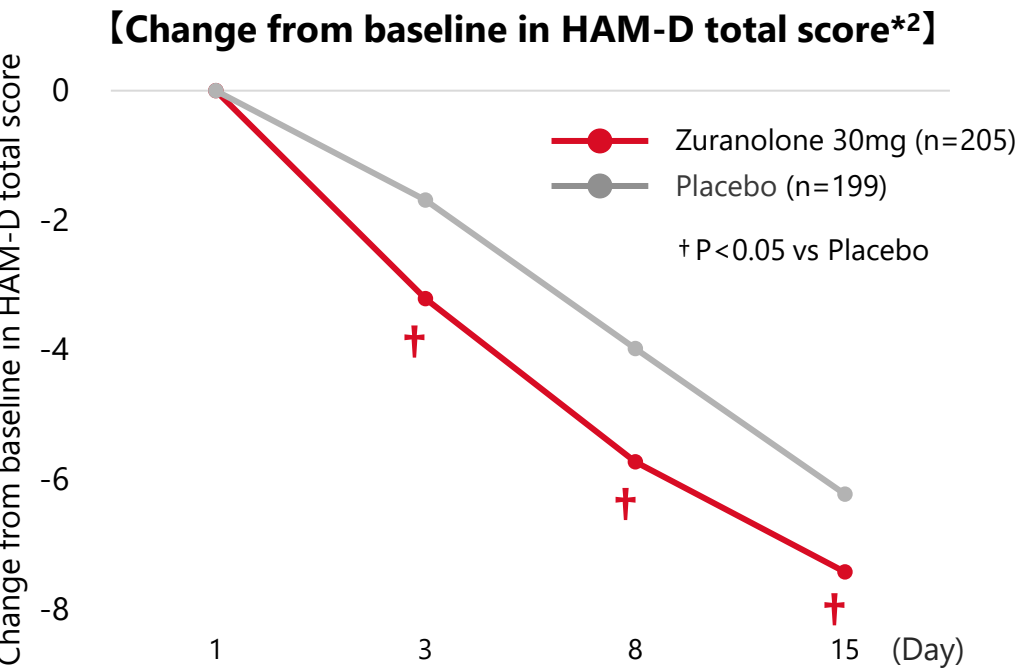
\*1 Torii Pharmaceutical's Development Pipeline  
\*2 Conducted by Verrica in the US



# Zuranolone: New Drug Application (NDA) in Japan for Major Depressive Disorder

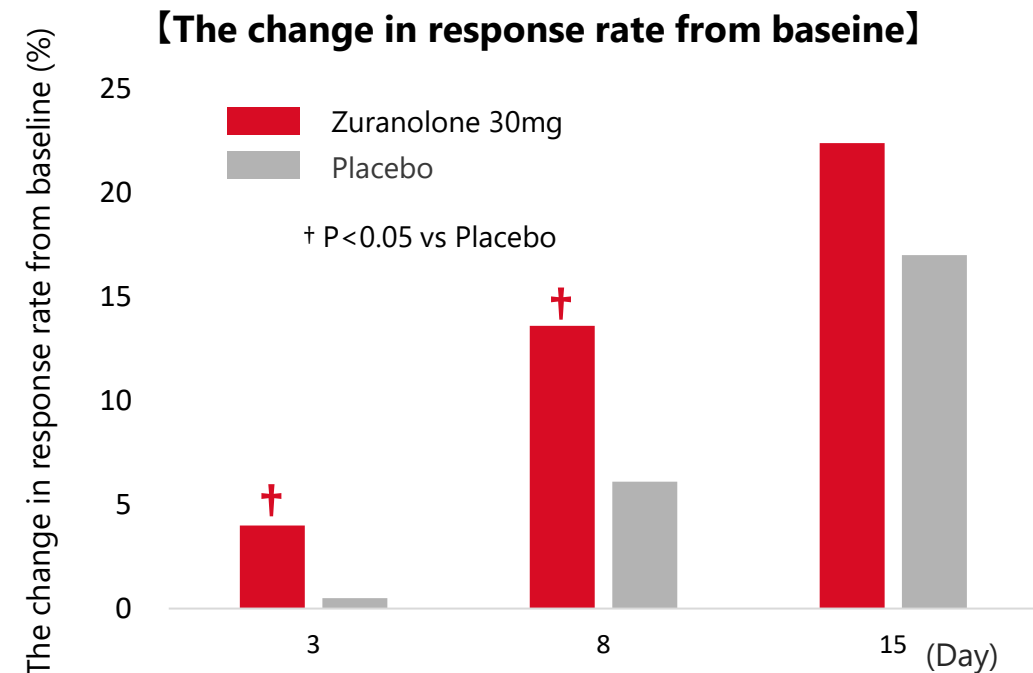
Based on favorable clinical trial results, submitted NDA in Japan\*

## Results from Phase 3 validation study



**Achieved the primary endpoint and confirmed the rapid onset of action of zuranolone**

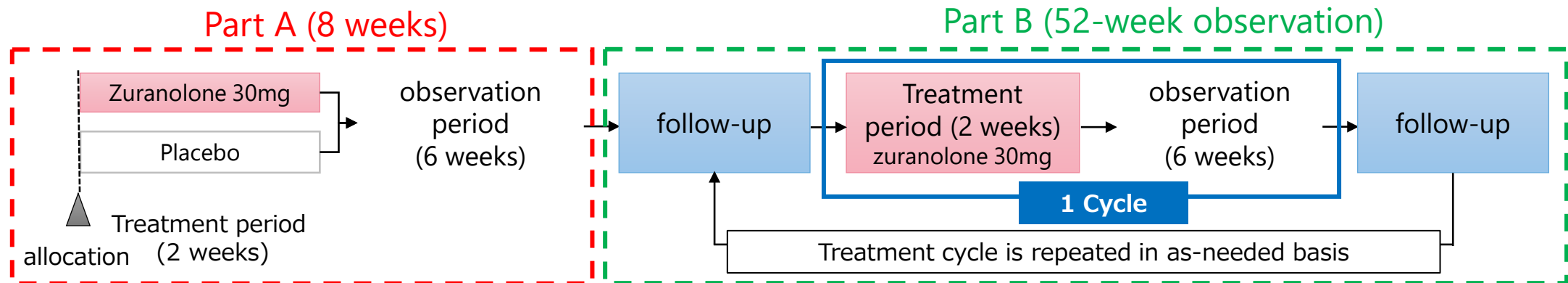
Primary endpoint: Change from baseline in the total HAM-D17 score\*2 on Day 15  
Response rate: The percentage of patients whose total HAM-D score\*2 improved by 50% or more from baseline  
Overview of the Phase 3 validation study design: [Please refer to appendix p.47](#)



**Observed favorable results in the response rate, a measure of antidepressant efficacy**

# Zuranolone: Phase 3 Validation Study Design

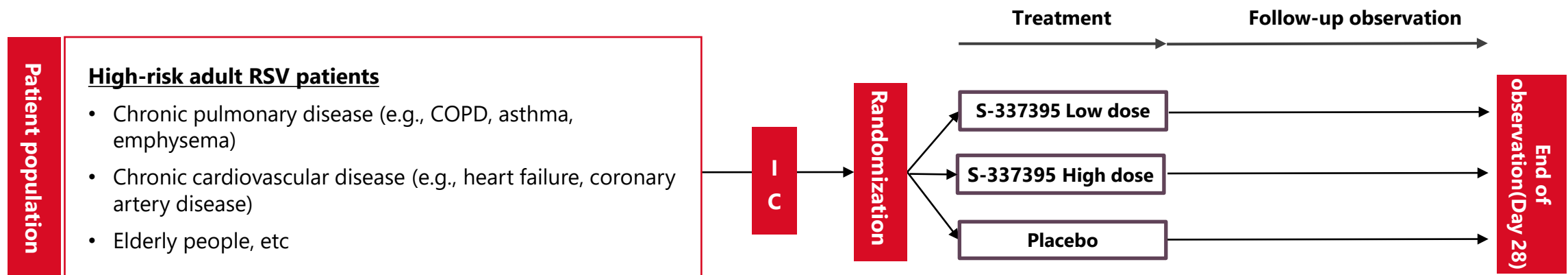
<b>Subject</b>	Patients with moderate to severe major depressive disorder
<b>Purpose</b>	[Part A] Examination of superiority of Zuranolone over placebo [Part B] Examination of safety and tolerability of re-administration when necessary
<b>Primary endpoint</b>	Change from baseline in the total HAM-D17 score on Day 15
<b>Dosing group</b>	[Part A] A multicenter, randomized, double-blind, placebo-controlled, parallel-group trial [Part B] Multicenter, open label
<b>Sample size</b>	Zuranolone 30mg group, placebo group
<b>Dose administration</b>	[Targets] 200 in each group, 400 in total, [Result] 412



# S-337395\*1: Upcoming Development Plan (Phase 2b trial overview and design)

**Initiated a Phase 2b study targeting high-risk patients, aiming to develop the world's first oral therapeutic**

<b>Primary Endpoint</b>	Change from baseline in viral RNA load (qRT-PCR)
<b>Secondary objectives</b>	Efficacy assessment: time-course change from baseline in symptom severity score
<b>Trial Design</b>	Multicenter, randomized, double-blind, placebo-controlled, parallel-group design
<b>Dosing Regimen Sample Size</b>	<ul style="list-style-type: none"><li>Randomization cohorts: placebo (n=64)</li><li>S-337395 low dose (n=64), high dose (n=64)</li></ul>



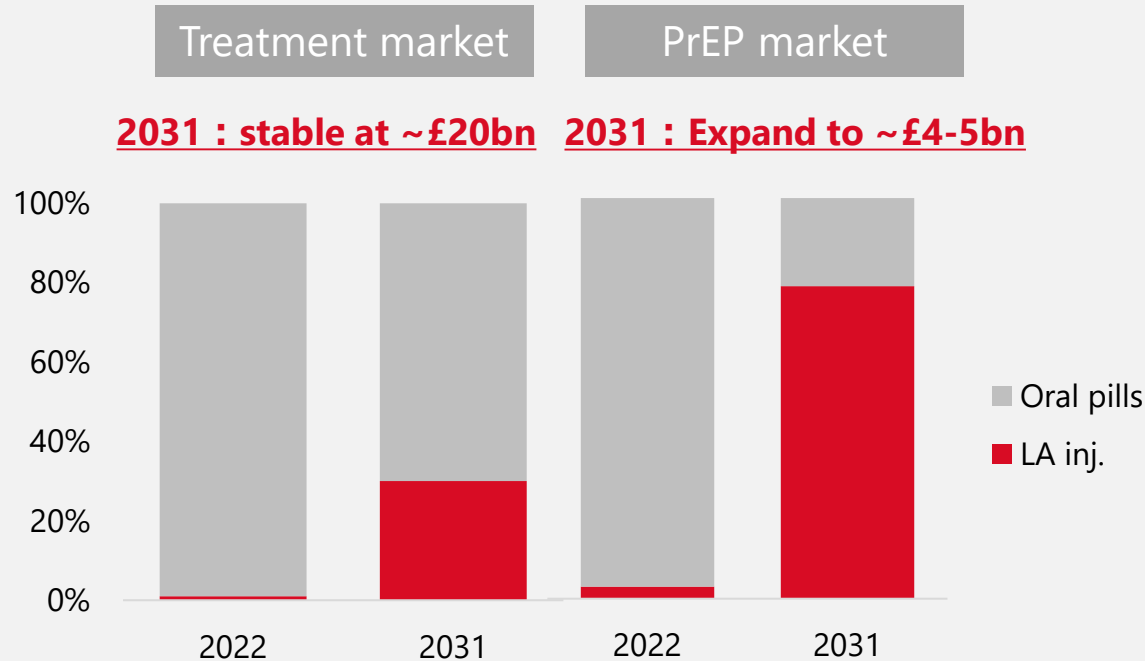
# Anti-HIV Drug Released by ViiV

Product name	Formulations	Compounds	Administrations	Frequency	Indications	CY2024 Sales
<b>Cabenuva</b>	LAI formulations	CAB + RPV	IM injection	Q2M (LA)	Treatment	£ 1,013M
<b>Apretude</b>		CAB	IM injection	Q2M (LA)	PrEP	£ 279M
<b>Dovato</b>	Oral two-drug regimens	DTG + 3TC	Oral	Every day	Treatment	£ 2,239M
<b>Juluca</b>		DTG + RPV	Oral	Every day	Treatment	£ 685M
<b>Tivicay</b>	Oral single agent	DTG	Oral	Every day	Treatment	£ 1,350M
<b>Triumeq</b>	Oral three-drug regimen	DTG+ABC+3TC	Oral	Every day	Treatment	£ 1,325M

# Growth Outlook for the HIV Market (Treatment + Prevention)

**In the treatment and PrEP\*<sup>1</sup> market, LA formulations will continue to drive growth**

## Outlook for the HIV Market\*<sup>2</sup> (Treatment + PrEP)



**The core of the HIV market will continue to be the **treatment market****

## // Treatment

- In the US, new infections have increased by approximately 2.5-3% in recent years\*<sup>3</sup>
- The market size will be stable even after the launch of oral GE drugs
- **LA formulations, including integrase inhibitors**, will continue to be mainstream
  - LA injectables are expected to represent approximately **~30%** of the total by 2031

## // PrEP

- In the US, currently about one-third of potential candidates (approximately 1.2 million people) are receiving PrEP medications\*<sup>4</sup>
- With the penetration of LA formulations, the overall PrEP market is expected to expand
  - LA injectables are expected to represent approximately **~80%** of the total by 2031
- LA integrase inhibitors are also expected to be an important option in the PrEP market, potentially taking over the substantial majority of the market if reimbursement is sufficient.

# Other Major Progress<sup>\*1</sup>

- August

- Shionogi & Co., Ltd. Selected for METI's FY2024 Supplementary Budget Grant Program for Future-Oriented Co-Creation with the Global South – Feasibility Study on the Use of Digital Solutions to Promote Appropriate Use of Japan-Origin Antimicrobials and Hygiene Products in Kenyan Healthcare Facilities –

- September

- Shionogi & Co., Ltd. and FRONTEO launch "Talk Lab KIBIT," a web application that uses AI analysis to assess mental health.
- Shionogi & Co., Ltd. and FRONTEO have signed an absorption-type company split agreement to transfer Japan Tobacco Inc.'s pharmaceutical business to Shionogi.
- Shionogi & Co., Ltd. and AirDog Japan have signed a basic business agreement to promote awareness of the current state and challenges of infectious diseases.

# Forward-Looking Statements

- Forecast or target figures in this material are neither official forecasts of earnings and dividends nor guarantee of target, achievement and forecasts, but present the midterm strategies, goals and visions. Official earnings guidance should be referred to in the disclosure of the annual financial report (*kessan tanshin*) in accordance with the rules set by Tokyo Stock Exchange.
- Materials and information provided during this presentation may contain so-called “forward-looking statements”. These statements are based on current expectations, forecasts and assumptions that are subject to risks and uncertainties which could cause actual outcomes and results to differ materially from these statements.
- Risks and uncertainties include general industry and market conditions, and general domestic and international economic conditions such as interest rate and currency exchange fluctuations. Risks and uncertainties particularly apply with respect to product-related forward-looking statements. Product risks and uncertainties include, but are not limited to, technological advances and patents attained by competitors; challenges inherent in new product development, including completion of clinical trials; claims and concerns about product safety and efficacy; regulatory agency’s examination period, obtaining regulatory approvals; domestic and foreign healthcare reforms; trend toward managed care and healthcare cost containment; and governmental laws and regulations affecting domestic and foreign operations.
- For products that are approved, there are manufacturing and marketing risks and uncertainties, which include, but are not limited to, inability to build production capacity to meet demand, lack of availability of raw materials, and failure to gain market acceptance.
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