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Agenda

- Financial Results
- Operational Highlights
- Japan / APAC Commercial Business
- R&D Progress
- FY2025 Objectives and beyond
- Appendix





Financial summary for FY2024

Revenue grew significantly due to M&A and partner milestones. Most non-recurring core costs ceased in 2024.



Revenue of JPY28,835m (+126% | JPY12,766m in the prior year)

- PIVLAZ® sales grew significantly from JPY6.1bn to JPY12.7bn due to market penetration and full-year sales contribution (vs. 5 months in FY2023)
- Milestones increased from JPY2.3bn to JPY11.2bn due to the progress of partnered programs



Core Operating Profit of JPY3,606m (Core Operating Loss of JPY3,076 in the prior year)

- R&D and SG&A expenses were lower than the cost estimates at the beginning of the year as the integration progressed well
- Operating Loss of JPY5,423m (Operating Loss of JPY9,526m in the prior year)
 - Non-core costs of JPY9,029m with additional CoS charge and non-recurring integration costs
 - Most of non-recurring integration costs and additional CoS charge ceased in FY2024



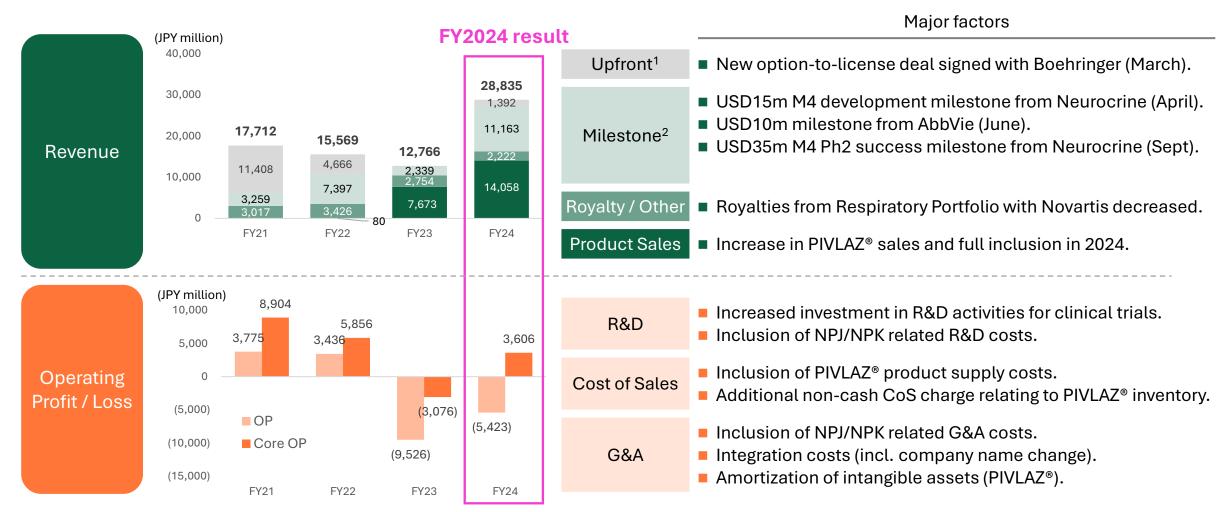
Cash/Cash equivalents/Fix deposit: JPY36.2bn (JPY49.0bn in the prior year)

- Purchased QUVIVIQ™ API (equivalent to more than one year of supply) to ensure the stable supply of QUVIVIQ™ in advance



Key financial indicators

NPJ/NPK product sales and cost base fully included in FY2024. Milestones increased due to progress of partnered programs



¹ Upfront fee revenue recognised at deal inception

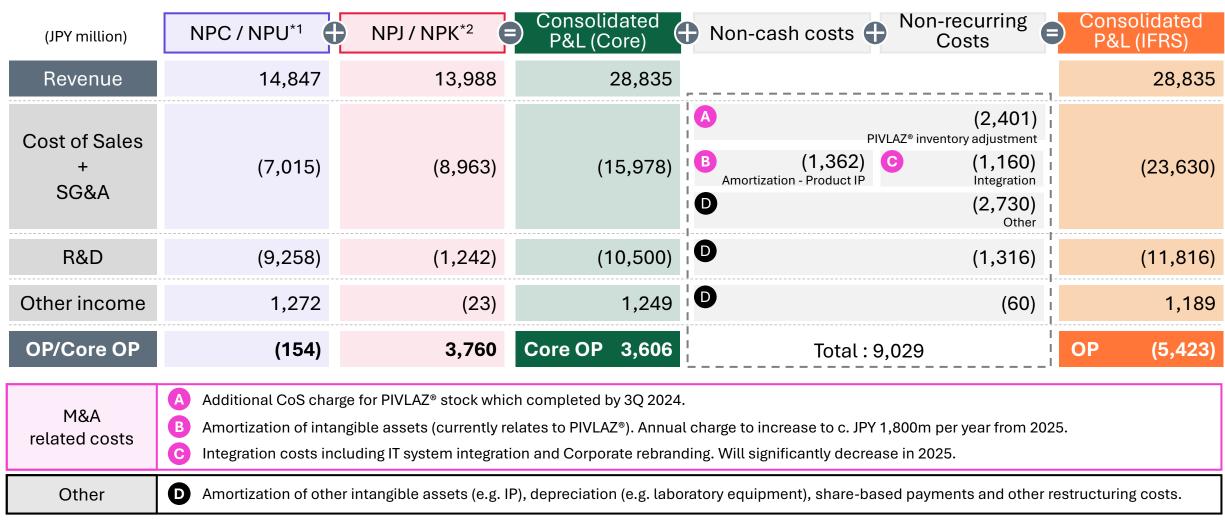


 $^{^{\}rm 2}$ Milestone revenue recognised at milestone event + deferred revenue releases

FINANCIAL

Breakdown of 2024 results

Impact of Non-cash/Non-recurring costs was more significant in 2024 due to the inclusion of the Idorsia businesses



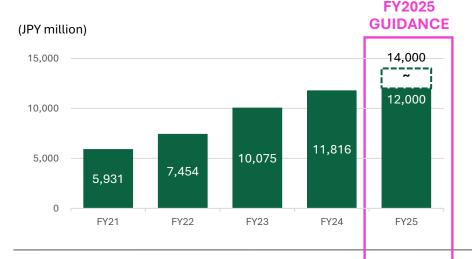
^{*1 =} Nxera Pharma Co. Ltd. (formerly Sosei Group Corporation) + Nxera Pharma UK Ltd (formerly Heptares Therapeutics Ltd.) + Sosei K.K



^{*2 =} Nxera Pharma Japan (formerly Idorsia Pharmaceuticals Japan) + Nxera Pharma Korea (formerly Idorsia Pharmaceuticals Korea)

Full year cost guidance for FY2025

Slight increase in R&D expenses with progression of programs into later stages of development and in-licensing of one or more late-stage candidates. Lower to flat SG&A expenses through streamlining costs

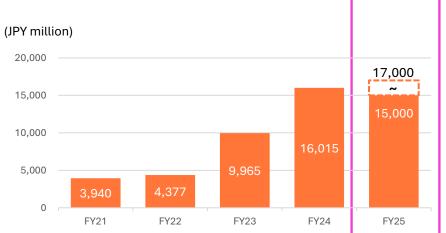


R&D expenses (IFRS basis)

JPY12,000 to JPY14,000m

Key points in FY2025

- Incremental investment in platform technology.
- In-house programs (EP4 ant., EP4 ago., GPR52 ago.) moving into Ph1b Ph2.
- Clinical development of one or more in-licensed late-stage assets in Japan.



S&M + G&A expenses (IFRS basis)

JPY15,000 to JPY17,000m

Key points in FY2025

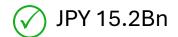
- Investment in technology to increase efficiency and deliver future growth.
- Increase in amortization as QUVIVIQ™ has launched.
- Lower or flat SG&A expenses vs. FY2024 through cost savings.





Recap of FY2024 Priority Objectives





02

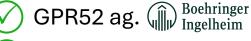
JNDA approval for daridorexant in Japan

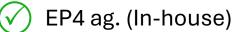


Acquire/in-license <u>at least one</u> late-stage medicine for Japan/APAC (ex-China)

Ongoing discussions

Execute <u>at least one</u> new major partnership, and initiate <u>at least one</u> new in-house Ph.1 study







PMI investment in new brand concept, plus systems Successfully and applications for efficiency and scalability executed



Advancing as a global biopharma with strong foundations

CORPORATE MILESTONES

- Rebranding from Sosei Heptares to Nxera Pharma
- Senior team strengthened with appointments of new COO and CMO
- PMI investment in new brand concept and IT infrastructure

UK R&D

- ✓ New option-to-license deal with Boehringer Ingelheim (GPR52 agonists)
- ✓ Successful Ph2 study of NBI-568 (M4 agonist)
- ✓ ORX750 entered Ph2 study (OX2 agonist)
- ✓ NBI-567 entered Ph1 study (M1 preferring agonist)
- ✓ NXE'744 entered Ph1 study (EP4 agonist)

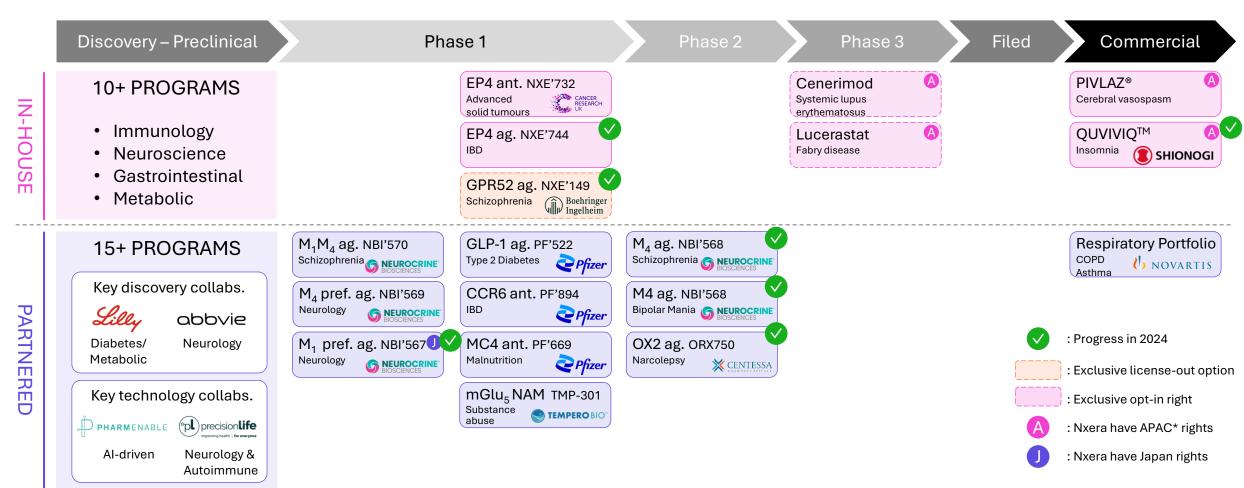
JAPAN/APAC BUSINESS

- ✓ PIVLAZ[®] established strong position in Japan
- ✓ Japan NDA approval and launch of QUVIVIQ™
- Commercial partnership with Shionogi for QUIVIVQ™
- Daridorexant entered Ph3 study in South Korea

Accelerating science, expanding capabilities and delivering impact



Broad and balanced pipeline with two recently launched products driving top-line growth



Clinical pipeline quickly shifting towards late-stage clinical development



Delivering science with commercial potential

Nxera's Commercialized Products

Neurological disorders – diseases of ageing

PIVLAZ®



 prevention of cerebral vasospasm in patients with Aneurysmal Subarachnoid Hemorrhage (aSAH)

Neurological disorders – quality of life diseases

QUVIVIQTM



- treatment of adult patients with insomnia

Partnered Products (Discovered by Nxera/with NxWave™ tech)

Neurological disorders – psychiatric / cognition



- Muscarinic agonists

Neurological disorders – QOL diseases - sleep



- Orexin 2 agonists

Metabolic diseases – QOL diseases - T2D / obesity



- GLP-1 agonist

JPY30–35bn product sales by 2030

(plus, multiple other programs in discovery/development)

Up to JPY250bn royalty revenues at peak

(plus, multiple other programs in discovery/development)



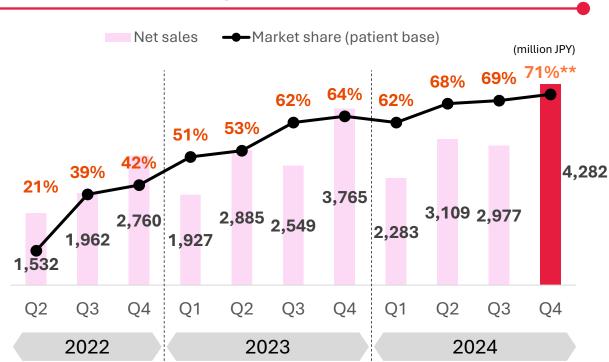


PIVLAZ® (clazosentan, an endothelin A antagonist)

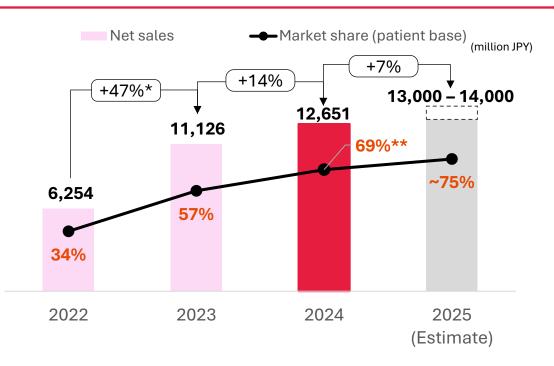
Our first commercially available product for the prevention of cerebral vasospasm in patients with Aneurysmal Subarachnoid Haemorrhage (aSAH)



Quarterly PIVLAZ® Net Sales



Annual PIVLAZ® sales and its growth

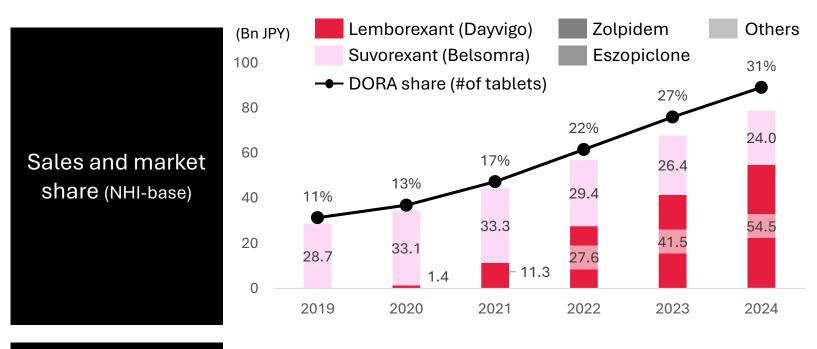


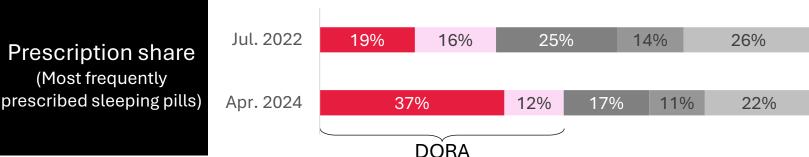
PIVLAZ® has rapidly built awareness and is becoming the standard of care with neurosurgeons



2 QUVIVIQTM (daridorexant, dual orexin antagonist "DORA")

DORA is rapidly establishing its position in the treatment paradigm for insomnia







- ✓ DORAs are rapidly penetrating the insomnia treatment market in Japan, where traditional anti-anxiety and z-class drugs are not preferred by physicians
- ✓ Japan is one of the largest DORA markets globally estimated at up to US\$1bn
- Together with partner Shionogi, we aim to provide a best-inclass product



2 QUVIVIQTM: APAC expansion

Making progress in developing the APAC market to maximize the product value



	Partner	Market potential (# of insomnia patient)	Expected launch	Partnering structure
Japan	SHIONOGI	> 20 million	Launched	Distribution and sales
South Korea	Local company (undisclosed)	6.5 - 11 million	2027	Development collaboration (Sales and marketing: TBD)
Other APAC countries	Under negotiation with potential partners	-	-	-

Full year product sales guidance

Target 13.0 - 14.0 Bn JPY (PIVLAZ) as net sales, and 4.0 - 5.0 Bn JPY (QUVIVIQ) as royalty and supply







13.0 - 14.0 Bn JPY

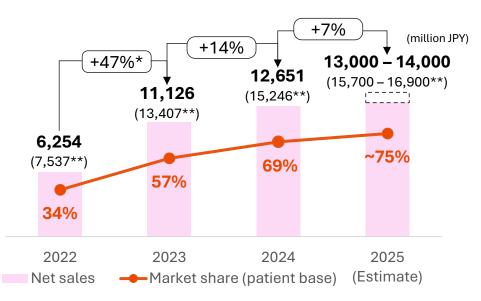
(NHI Sales:15.7 – 16.9Bn JPY)

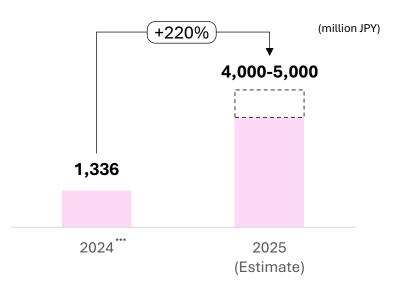












Source: MDV DPC hospital data



^{*:} Comparison of 2-4Q of 2022 and 2023, ** NHI sales, *** 2024 sales includes upfront, milestone, royalty and product supply while 2025 sales includes royalty and product supply



To be presented today

Key Events 2024

Accelerating the development of life-changing medicines, by investing in science and technology

PRE - DISCOVERY



Expansion of R&D partnership into autoimmune disorders

May '24

abbvie

PR LINK

PR LINK

\$10M milestone payment received from neurology collaboration utilising NxWaveTM platform

Jun '24

Juli 24

∜Antiverse

Collaboration to design novel GPCR targeted antibody therapeutics using Generative AI

Nov '24

DISCOVERY

NXeLQ ✓

Two NME¹ programs transitioned into the Discovery

H1 '24

GSK

GPR35 agonist program reversion from GSK completed

PR LINK

H1 '24

NX6LQ ✓

Phase 1 trial start evaluating NXE'744, a potent, selective, GI targeted, EP4 agonist for IBD

Mar '24

X CENTESSA

\$4.6M milestone payment received for ORX750 (OX2R agonist) Phase 1 start in Narcolepsy

May '24

PHASE 1

PR LINK

PR LINK

Boehringer Ingelheim

Collaboration with BI signed (€25M upfront and €60M option exercise) for FIC GPR52 agonists for schizophrenia

PR LINK

PRLINK

Mar '24

NEUROCRINE® BIOSCIENCES

NBI-567, oral muscarinic M1 preferring agonist Phase 1 start with potential to treat symptoms of cognition in patients

May '24

NEUROCRINE®
BIOSCIENCES

\$15M milestone
triggered on successful
completion of long-term
preclinical toxicology of
NBI-568, an oral
selective muscarinic M4
agonist advancing
through Phase 2

Apr '24

\$35M milestone
triggered upon
successful completion
of the Phase 2 trial in
adults with
schizophrenia

Sep '24

PRLINK

PHASE 2



Centessa
Pharmaceuticals
initiated a Phase 2 trial
of OX750 in Narcolepsy
(NT1 & NT2) and
idiopathic hypersomnia

Nov '24

PR LINK

World-leading NxWave[™] SBDD platform continues to fuel innovation & clinical success

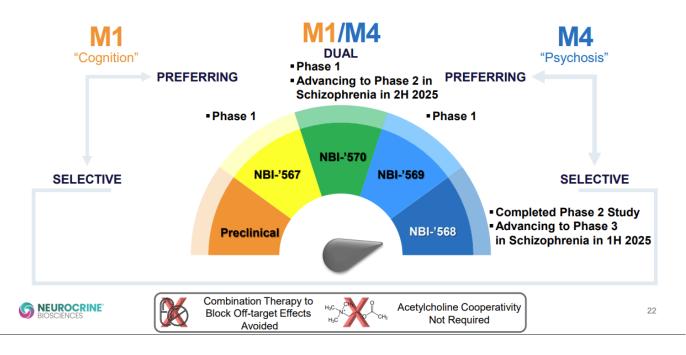


Neurocrine is advancing the world's most comprehensive portfolio of muscarinic orthosteric agonists – discovered by Nxera using NxWaveTM



Muscarinic Platform Includes Multiple Clinical Programs

From M1 to M4 Selective Orthosteric Agonists



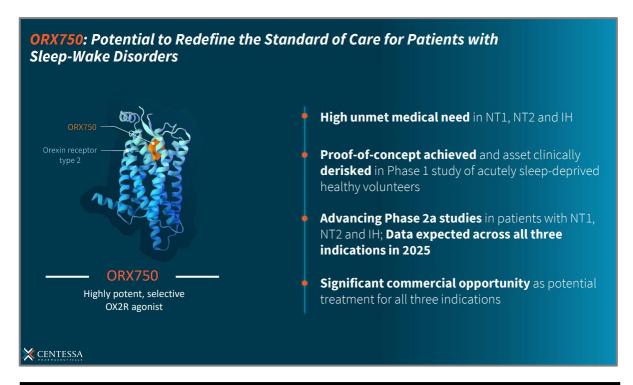
Highlights

- NxWave[™] platform enabled full suite of Structurallyenabled small molecule programs across key receptors
- Comprehensive approach to maximising the potential of muscarinic agonism
- NBI-568: Lead M4 selective orthosteric agonist, completed Phase 2 in 2024 and initiating Phase 3 registrational studies in Schizophrenia in 1H 2025 & Phase 2 in Bipolar Mania in 2H 2025
- NBI-570: dual M1 / M4 agonist anticipating the initiation of a Phase 2 study in Schizophrenia in 2H 2025
- NBI-567: M1 agonist Phase 1 is ongoing, initial data readout expected in 2025

From M1 to M4 selective orthosteric agonists targeting neurological and neuropsychiatric conditions

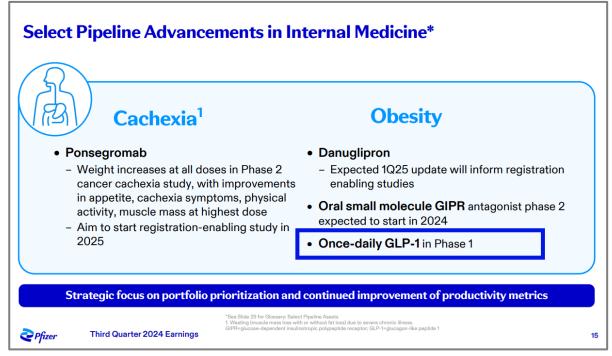


Centessa advancing Orexin 2
agonists - ORX750 in Phase 2 as an improved treatment for Narcolepsy Type 1 and beyond – discovered using NxWaveTM



Significant commercial opportunity for best-in-class lead program ORX750 across NT1, NT2, and IH

Pfizer advancing PF'522, once-daily, small molecule GLP-1 agonist in Phase 1 for T2D and obesity – discovered by Pfizer using NxWaveTM



Pfizer "all-in" on oral small molecules for metabolic disease. Huge need for convenient, cost effective, scalable products



Fuelling the Wave 1 and Wave 2 launches with novel programs in neurology and immunology

OPTION TO LICENSE WITH

DISCOVERED BY



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DISCOVERED BY



Compound & Stage

Target Indication

Global Patient Population

Mechanism

Novelty

NXE-149 (Ph 1b)

Schizophrenia

24 million

Novel, selective GPR52 receptor agonism

First-in-Class

NXE-732 (Ph 1)

Advanced solid tumors

18 million

Selective EP4 receptor antagonist in combo with PD-L1

Best-in-Class

NXE-744 (Ph 1)

IBD

10 million

Novel, selective EP4 receptor agonist

First-in-Class

Continuing to design convenient, cost effective, easy to manufacture, oral small molecule medicines with the potential to change the treatment paradigm for major diseases

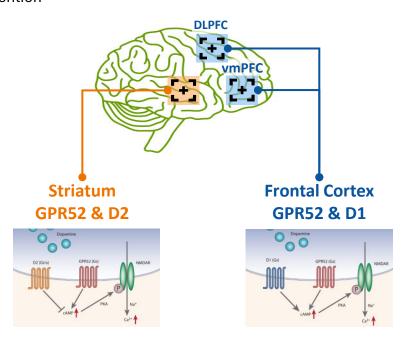


GPR52 Agonist for Schizophrenia

A Novel First-In-Class Mechanism to Treat Positive, Negative & Cognitive Domains of Schizophrenia

Disease Rationale

- GPR52 is expressed on D2 dopamine neurons in striatum where activation could lead to D2 antagonist-like effect to treat positive symptoms, e.g. hallucinations
- GPR52 also co-located with D1 dopamine receptor in prefrontal cortex where activation could lead to D1 agonist-like effect to improve cognition, e.g. attention



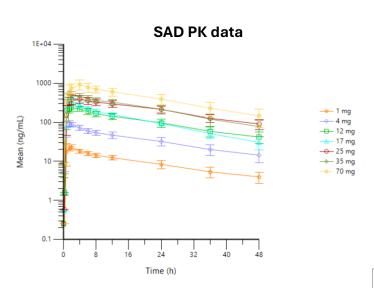
Progress

Ph1a study completed

- Pharmacodynamic measures included
- PK data is robust and in line with preclinical predictions
- Support once daily dosing

Ph1b study initiated and will complete by 2H 2025

- Proof of Mechanism study
- A study with a pharmacodynamic endpoint to confirm GPR52 activation in the brain



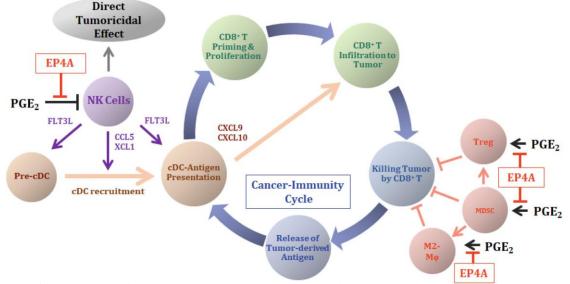


EP4 Antagonism for Advanced Solid Tumours

Alone or in Combination with Checkpoint Inhibitors (CPIs)

Disease Rationale

- Prostaglandin E2 (PGE2) is secreted by tumour and surrounding tissue and signals through EP4 to suppress the immune system
- EP4 antagonism is expected to restore immunosurveillance and enhance the effect of CPIs
- Less than 20% of eligible patients derive benefit from CPIs, meaning there is a great unmet need





Progress

FINANCIAL

Ph1 study will complete Q1 2025

OPERATIONAL HIGHLIGHTS

- Ph1 Part A completed (monotherapy escalation study)
- Ph1 Part B will complete soon (combination escalation study)
- Robust interim data to date in Ph1 study
 - AEs have been generally mild (grade 1-2) and have resolved without dose interruption.
 - PK profile remains is in line with predictions and exhibits general dose proportionality across all dose levels tested.
 - Target engagement has been observed at all dose levels tested and additional pharmacodynamic analysis, including evaluation of paired biopsies for T cell infiltration, is underway.
- Ph1 clinical data will be disclosed 2H 2025
- Ph2a start is expected Q2 2025



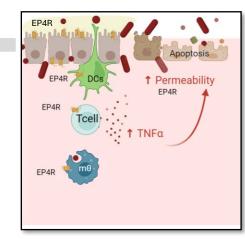
EP4 Agonist for Inflammatory Bowel Disease (IBD)

A First-In-Class GI-Targeted Agent to Promote Mucosal Healing in IBD

Disease Rationale

- IBD is an immunological disorder in which current standard-of-care agents have treatment "ceilings" of about 40% response rates.
- All approved IBD agents are immunomodulatory in nature and do not directly target disease-induced mucosal barrier defects.
- Through combined anti-inflammatory and barrier repair effects, EP4
 agonists are expected to bring benefits in IBD by promoting mucosal
 healing.
- Previous attempts to agonise the EP4 receptor have demonstrated early signals of clinical efficacy but have been limited by systemic safety.

Improved barrier repair & homeostasis ↓ permeability



Created with BioRender.com

Progress

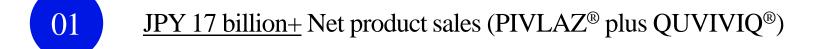
- Ph1 study is ongoing
 - Healthy volunteers study
 - SAD/MAD studies have progressed well with the fifth MAD cohort now completed
 - No concerning adverse events have been noted to date
 - Current additional cohorts which are underway within the First-in-Human study protocol are focused on demonstrating target engagement. This will generate supporting data to inform Phase 2 dose selection.
- Ph2 enabling data package on track for 2H 2025

Study link:





Priority objectives for FY2025



O2 Acquire/in-license <u>at least one</u> late-stage medicine for Japan/APAC (ex-China)

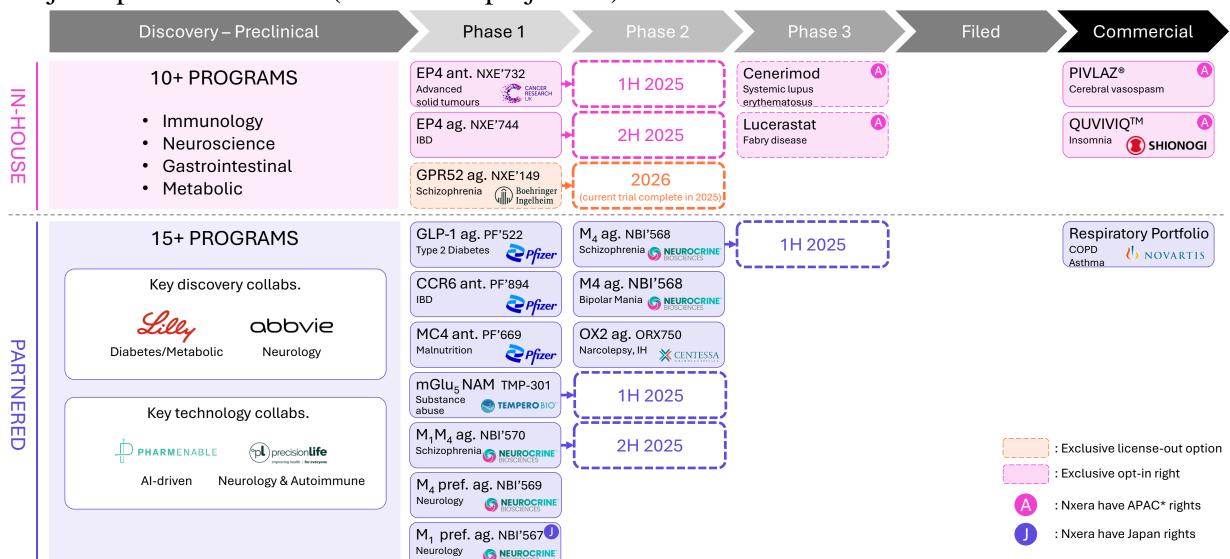
- Execute <u>at least one</u> new major partnership, and initiate <u>at least one</u> new in-house Ph.2 study
- O4 Investment in systems and applications for efficiency and scalability
- O5 Positive operating profit under IFRS (if GPR52 option is exercised)



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Major Pipeline Overview (with future projection)

Respiratory Portfolio = Seebri®, Ultibro®, Enerzair® and Breezhaler® which is registered trademarks of Novartis AG.



Note: Pref. ag. : Preferring agonist

Our Wave 1 and Wave 2 programs are positioned across fast growing areas of healthcare

WAVE1 (Potential Launch by 2030) WAVE2 (Potential Launch by 2035) **CENTESSA** NEUROCRINE'
BIOSCIENCES CENTESSA MEUROCRINE®
BIOSCIENCES NXeLa:✓ TEMPERO BIO **MARKET SIZE** Neurology mGlu5 NAM Prec Ox2 agonists M4 pref. agonist **GPR52** agonist M4 agonist Ox2 agonist (2030)Substance Use Schizophrenia Neuropsych-related Schizophrenia Narcolepsy M1 pref. agonist Disorders sleep disorders M4 agonist \$120bn+ Cognitive & psychosis abbvie Bipolar Mania -related disorders Disc Multiple targets M1/M4 agonist Neurology Schizophrenia **Pfizer**

Metabolic

Immunology

G

MARKET SIZE (2030)

\$150bn+

MARKET SIZE (2030)

\$300bn+



GLP-1 agonist T2D / Obesity

MC4 antagonist Malnutrition



Multiple targets T2D/Obesity and

Others



CCR6 antagonist IBD



EP4 antagonist + PD-L1

Immune-oncology for **Advanced Solid Tumors**



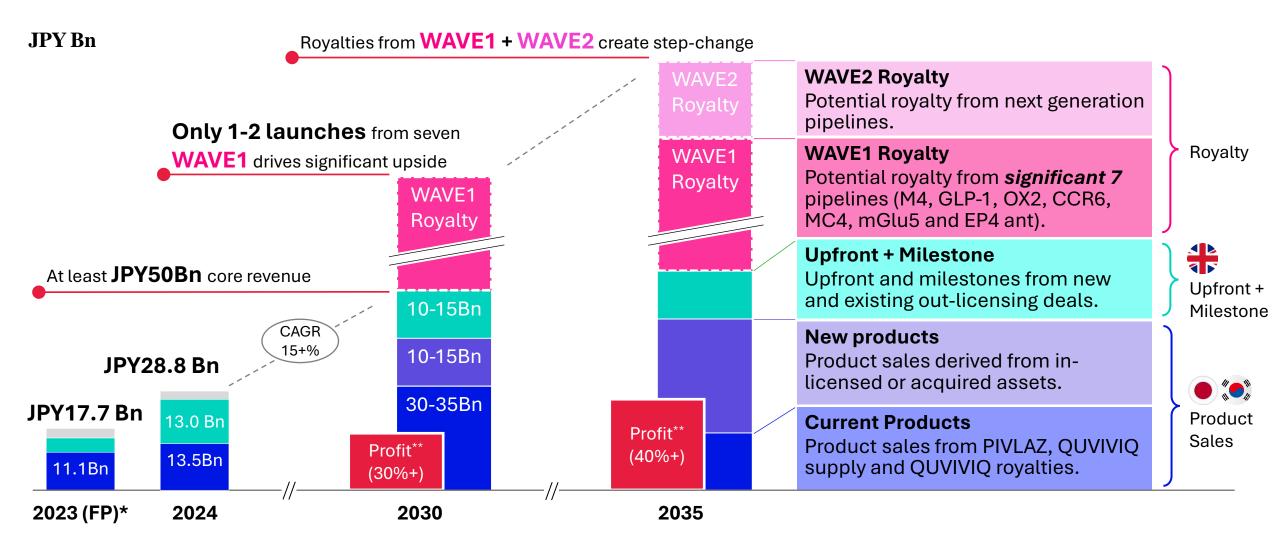
EP4 agonist **IBD**

JPY250bn (max total royalty potential at peak)

Multi billion USD milestones and royalties



Our 2030 vision is to build a high growth, highly profitable Japanese biopharma



Note: * Revenue values are proforma the acquisition of Idorsia Pharmaceuticals Japan and Korea and reflect annual product sales of PIVLAZ in 2023.

** WAVE1 and WAVE2 royalty is not included.



Looking ahead to potential catalysts in 2025*

PROGRAM	PARTNER	TIMING	EVENT
TMP-301 (mGlu5 NAM)	TEMPERO BIO"	H1 2025	Phase 2 study start in alcohol use disorder
Cenerimod (S1P1) / Lucerastat	indorsia	H1 2025	Exclusive opt-in decision
NXE'732 (EP4 antagonist)	NXEIO CANCER RESEARCH UK	H1 2025	Phase 2a study start in Advancing Solid Tumors
NBI'568 (M4 agonist)	S NEUROCRINE® BIOSCIENCES	H1 2025	Phase 3 study start in Schizophrenia
NBI'568 (M4 agonist)	S NEUROCRINE BIOSCIENCES	H2 2025	Phase 2 study start in Bipolar Mania
NBI'570 (M1/M4 agonist)	S NEUROCRINE BIOSCIENCES	H2 2025	Phase 2 study start in Schizophrenia
NXE'744 (EP4 agonist)	NXELO.	H2 2025	Phase 2 study start in IBD
NXE'149 (GPR52 ag)	NXEFO Boehringer Ingelheim	H2 2025	Phase 1b completion
NXE'732 (EP4 antagonist)	NXEIG CANCER RESEARCH UK	H2 2025	Phase 1b topline data
ORX750 (OX2 agonist)	CENTESSA	H2 2025	Phase 2a data across NT1, NT2, and IH
Multiple discovery collaboration progress	abbvie <i>Lilly</i>	2025	Progression through discovery stage
NBI'567 (M1 ago) / NBI'569 (M4 ago) / NBI'570 (M1/M4 ago)	S NEUROCRINE BIOSCIENCES	2025	Phase 1 data readout
New global out-licenses		Anytime	Out licensing and/or discovery collabs
New Japan / APAC in-licenses		Anytime	Acquire/in-license late-stage medicines
QUVIVIQ™		Anytime	APAC out-licensing deals



X

Questions?







Lead program, NBI'568 demonstrated positive phase 2 data in H2 2024



Once-daily 20 mg dose showed efficacy and good safety/tolerability profile for schizophrenia patients

	>	PANSS total score change	-18.2	Mot primary and	
Clinically meaningful and statistically significant	>	PANSS total score change vs. Placebo Effect size	-7.5 (p = 0.011) 0.61	Met primary and additional endpoints and	
efficacy (Once-daily 20 mg dose)		Marder Factor score change vs Placebo: • Positive	2.0.(n=0.004)	demonstrated <u>efficacy</u> <u>on both positive and</u>	
		PositiveNegative	-3.0 (p=0.004) -1.9 (p=0.028)	<u>negative symptoms</u>	
Generally safe and well-tolerated	>	Treatment discontinuation rate due to adverse events across all NBI'568 arms	5.0% (placebo: 4.3%)	NBI'568 showed safety	
across all doses tested	>	GI and CV adverse event frequency (Cobenfy (BMS/Karuna): 3-5x (GI), ~4x (CV) vs. placebo)	Similar to placebo	and tolerability for all doses	
	>	Received successful milestone of Ph2 trial	US\$ 35 m		
Rapidly advancing to	>	Ph3 clinical trial	begin in H1 2025	Expanding potential of	
Phase 3 development	Additional Ph2 trial in Bipolar Mania		begin in H2 2025	muscarinic agonist portfolio	
	>	Advancing follow-on compounds in muscarinic			

Source: Presentation of Neurocrine Sciences (Aug.28 2024), KarXT for Schizophrenia draft evidence report (Nov. 28, 2023)



Exclusive Opt-in Rights And ROFN/ROFR¹

Option to develop up to six clinical programs for Japan and APAC (ex-China) from Idorsia

	Program	Mechanism of Action	Indication	Stage	Region
Exclusive	Cenerimod	S1P1 receptor modulator	Systemic lupus erythematosus	Phase 3	
Opt-in Right	Lucerastat	Glucosylceramide synthase inhibitor	Fabry disease	Phase 3	
	ACT-1004-1239	ACKR3 / CXCR7 antagonist	Multiple sclerosis and other demyelinating diseases	Phase 2*	APAC
ROFR	ACT-1014-6470	C5aR1 antagonist	Immune-mediated disorders	Phase 1*	(ex-China) ²
/ROFN ¹	IDOR-1117-2520	Undisclosed	Immune-mediated disorders	Phase 1*	
	ACT-777991	CXCR3 antagonist	Recent-onset Type 1 diabetes	Phase 1*	



¹ ROFN/ROFR - Right of first negotiation / Right of first refusal

² Territories include Japan, South Korea, Australia, Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, New Zealand, Philippines, Singapore, Taiwan, Thailand and Vietnam

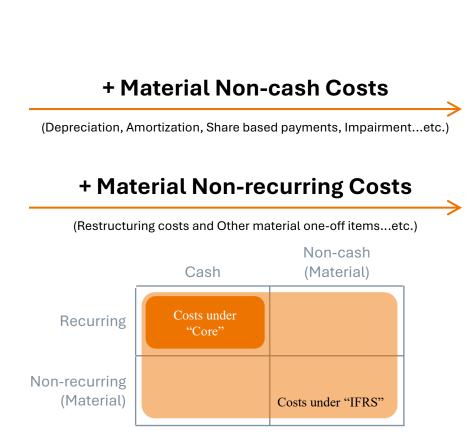
^{*} Global Phase

Core Operating Profit - Definition

Core Operating Profit/Loss – a financial indicator closer to the reality of our business

"Core"

- Core Operating Profit/ Loss is a key financial indicator that highlights the underlying recurring cash generating capability of our business.
- Core Operating Profit/Loss is defined as IFRS Operating Profit + material Non-cash costs + material non-recurring costs
- Material Non-cash Costs include depreciation, amortization, share based payments and impairment.
- Material Non-recurring Costs include restructuring costs, M&A related professional fees and other material one-off items.



Operating Profit

"IFRS"

 Financial results recorded and prepared in accordance with International Financial Reporting Standards (IFRS)



Estimation of potential market size

Multi-billion USD annual peak sales potential for our post-pre-clinical pipeline

Catagory	Indication ²	Number of Patients —	Pe	eak Sales	Candidates
Category	indication-	Number of Patients —	Market Size	Individual Products	Candidates
	Dementia	~55 million	\$7.3 billion (2010)	\$3.9 billion (2009/Aricept)	M1 ag, M1/M4 ag
Nouveasianas	Schizophrenia	~20 million	\$20.7 billion (2011)	\$5.7 billion (2013/Abilify)	M4 ag, M1/M4 ag, GPR52 ag
Neuroscience	Substance use disorders	~10.4 million ¹			mGlu5 NAM
	Narcolepsy	~3 million	\$2.5 billion (2024)	\$1.4 billion (2024/Xywav)	OX2 ag
	Cancer	~42 million	\$210.5 billion (2024)	\$28.7 billion (2024/Keytruda)	EP4 ant
Immunology	IBD	~10 million	\$23.8 billion (2024)	\$6.2 billion (2022/Humira)	CCR6 ant, GPR35 ag, EP4 ag
	Systemic Lupus Erythematosus	~5 million	\$2.7 billion (2024)	\$1.9 billion (2024/Benlysta)	Cenerimod
	T2DM/Obesity	~420 million	\$76.8 billion (2024)	\$18.2 billion (2024/Ozempic)	GLP1 ag
Metabolism	Anorexia	~10 million			MC4 ant
	Total		~\$344 billion/year	~\$66 billion/year	

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Source (Number of patients): World Health Organization, Evaluate Pharma, The European Federation of Crohn's & Ulcerative Colitis Associations (EFCCA), Narcolepsy Network, Inc., The Lupus Foundation of America, GBD 2015 Disease and Injury Incidence and Prevalence Collaborators (October 2016). "Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015". Lancet. 388 (10053): 1545–1602 ¹ The number of patients with drug addiction

Source (Peak Sales): Sales of each indications are extracted form Evaluate Pharma's data of sales by disease and sales by individual products (as of 25 December 2024). 2 Nxera may target one segment in the market for specific diseases



FINANCIAL

Partnered pipeline (1/2)

Compound	Target / Mechanism of Action	Modality	Indication	Partner	Disc.	PCC	Ph1	Ph2	Ph3	Арр	Mkt
Partnered											
Seebri® Breezhaler®	LAMA	SME	COPD	U NOVARTIS							
Ultibro® Breezhaler®	LAMA+LABA	SME	COPD	U NOVARTIS							
Enerzair® Breezhaler®	LAMA+LABA+ICS	SME	Asthma	U NOVARTIS							
ORAVI®	Antifungal agent miconazole	SME	Oropharyngeal candidiasis	Alisamitsu							
NBI-1117568	Muscarinic M4 agonist	SME	Schizophrenia	S NEUROCRINE' BIOSCIENCES							
NBI-1117568	Muscarinic M4 agonist	SME	Bipolar Mania	S NEUROCRINE' BIOSCIENCES							
NBI-1117569	Muscarinic M4 preferring agonist	SME	Neurology diseases	MEUROCRINE' BIOSCIENCES							
NBI-1117570	Muscarinic M1/M4 agonist	SME	Neurology diseases	MEUROCRINE' BIOSCIENCES							
NBI-1117567	Muscarinic M1 preferring agonist	SME	Neurology diseases	S NEUROCRINE' BIOSCIENCES							
PF-07054894	CCR6 antagonist	SME	Inflammatory bowel disease	₹ Pfizer							
PF-07258669	MC4 antagonist	SME	Malnutrition	Pfizer							
PF-06954522	GLP-1 agonist	SME	Type 2 Diabetes	Pfizer							
(Not disclosed)	CGRP antagonist	SME	Neurology diseases	Pfizer							
(Not disclosed)	Multi target	SME/LME	Multiple indications	Genentech A Member of the Roche Group							
(Not disclosed)	Multi target	SME	Neurology	abbvie							
(Not disclosed)	Multi target	SME	Diabetes/Metabolic	Lilly	_						



Partnered pipeline (2/2)

Compound	Target / Mechanism of Action	Modality	Indication	Partner	Disc.	PCC	Ph1	Ph2	Ph3	Арр	Mkt
Co-development											
KY1051	CXCR4 mAb	mAb	Immuno-oncology	sanofi							
(Not disclosed)	Al-Augmented Drug Discovery	SME	Neurology diseases	PHARMENABLE	_						
(Not disclosed)	Multi targe	SME/LME	Immune / Neurology diseases	precisionlife	_						
Co-owned compani	ies										
TMP-301	mGlu5 NAM	SME	Substance use disorders	TEMPERO BIO							
ORX750	OX2 agonist (Oral)	SME	Narcolepsy Type 1/2, IH	CENTESSA CENTESSA Therapeutics				_			
ORX142	OX2 agonist (Oral)	SME	EDS in neurology	X CENTESSA Thorapputics							
ORX489	OX2 agonist (Oral)	SME	Neurology	X CENTESSA Thorapputics							



In-house pipeline

Compound	Target / Mechanism	Modality	Indication	Partner	Disc.	PCC	Ph1	Ph2	Ph3	Арр	Mkt
In-house Programs											
PIVLAZ®	ETA antagonist	SME	Cerebral vasospasm	NX6LQ ✓							
QUVIVIQ™	Dual Orexin antagonist	SME	Insomnia	SHIONOGI							
NXE0048149 ¹	GPR52 agonist	SME	Neurology diseases	Boehringer Ingelheim							
NXE0039732	EP4 antagonist	SME	Immuno-oncology	NX6LQ ✓			_				
NXE0033744	EP4 agonist	SME	Inflammatory bowel disease	NX6LQ ✓			_				
NXE0027477	GPR35 agonist	SME	Inflammatory bowel disease	NXeLO →							
(Not disclosed)	Muscarinic M1 agonist (JP)	SME	Neurology diseases	ихега ~							
(Not disclosed)	SARS CoV-2 Mpro	SME	Coronaviruses	NXeLO →	_						
Multiple programs	Not disclosed	SME/LME	Neurology diseases	NXera ∼	_						
Multiple programs	Not disclosed	SME/LME	GI and Inflammatory diseases	NXera <mark>→</mark>	_						
Multiple programs	Not disclosed	SME/LME	Immunology diseases	NXELQ.'⊶	_						
In-house Programs (No	longer internally funded. Targetin	g academic / i	ndustrial partnership)								
NXE'310	SSTR5 agonist	Peptide	Hypoglycaemic disorders	NX6La.'✓							
NXE'097	GLP-1 antagonist	Peptide	Hypoglycaemic disorders	NXeLa.'✓							
NXE'023	Dual GLP-2/GLP-1 agonist	Peptide	Intestinal failure/NASH	NXeLO!✓							
(Not disclosed)	Apelin agonist	Peptide	Pulmonary Arterial Hypertension	NXeLa.'⊶							
NXE'641	Dual orexin antagonist	SME	Insomnia and sleep disorders	NXera¦∾							
(Not disclosed)	PAR-2 mAb	mAb	Atopic Dermatitis/Pain	ихега 🛪							



Clinical Trials

Compound	MoA	Condition	Phase	Size	Patient	Start	Completion*	Last Update	Link (main/latest)	Link (others)
NBI-1117568	M4 agonist	Schizophrenia	Ph2	210	Yes	2022-10-04	2024-07-10	2024-09-27	NCT05545111	-
NBI-1117569	M4 preferring agonist	Neurology diseases	Ph1	-	-	-	-	-	-	-
NBI-1117570	M1/M4 agonist	Neurology diseases	Ph1	-	No	2024-03-11	2025-09-04	2024-10-30	2023-508814-40-00	-
NBI-1117567	M1 preferring agonist	Neurology diseases	Ph1	-	-	-	-	-	-	-
PF-07054894	CCR6 antagonist	Inflammatory bowel diseases	Ph1	27	Yes	2022-11-07	2026-01-14	2024-10-08	NCT05549323	NCT06327880 NCT04388878
PF-07258669	MC4 antagonist	Malnutrition	Ph1	14	No	2025-01-02	2025-02-11	2024-11-27	NCT06706869	NCT04628793 NCT05113940
PF-06954522	GLP-1 agonist	T2DM/Obesity	Ph1	122	Yes	2024-02-20	2024-12-31	2024-09-19	NCT06279234	NCT06393517 NCT06003777
TMP-301	mGlu5 NAM	Substance use disorders	Ph2	100	Yes	2024-11-14	2025-11-15	2024-12-19	NCT06648655	NCT06648668 NCT06025396 NCT03785054
ORX750	OX2 agonist	Narcolepsy Type 1/2, IH	Ph2	78	Yes	2024-12-23	2025-12	2024-12-31	NCT06752668	_
NXE0048149	GPR52 agonist	Neurology diseases	Ph1	up to 104	No	2023-02-20	2024-11-29	2024-04-18	<u>ISRCTN17231793</u>	-
NXE0039732	EP4 antagonist	Immuno-oncology	Ph1 Ph2	150	Yes	2023-07-13	2026-09	2024-12-02	NCT05944237	-
NXE0033744	EP4 agonist	Inflammatory bowel diseases	Ph1	-	-	-	-	-	-	-

FINANCIAL





Exchange Rate, Intangible Assets and Non-core Costs

Average exchange rate during period (actual)

	FY2024	FY2023	FY2022
USD:JPY	151.43	140.53	131.30
GRP:JPY	193.49	174.81	161.76

Assumed exchange rate for key cost estimates

	FY2025	FY2024	FY2023
USD:JPY	152	140	143
GRP:JPY	193	172	166

Intangible assets

(JPY mn)

	Dec 31, 2024	Dec 31, 2023	Dec 31, 2022
PIVLAZ®	36,164	37,527	-
Core technology	8,365	8,466	8,217
QUVIVIQ™	6,825	5,825	-
Customer-related assets	227	227	219
Oravi [®]	78	89	101
Other	252	157	40
Total	51,911	52,291	8,577

Non-core costs (full year)

(JPY mn)

	FY 2024	FY 2023	FY 2022
Cost of sales adjustment	2,401	1,812	-
Amortization	2,371	1,495	782
M&A related costs	1,220	1,263	-
Depreciation	1,613	983	563
Share-based Payments	1,396	844	542
Restructuring costs	28	53	533
Impairment	-	-	-
Total	9,029	6,450	2,420



Glossary

	Basic Terminology/Technology			
GPCR	G Protein-Coupled Receptor	There are about 800 types of GPCRs in the human body. While 400 of them are known to be potential drug targets, about 300 of them are not yet drugged		
NxStaR™	Stabilized Receptor	Nxera' proprietary technology to stabilize a GPCR by engineering a small number of single point mutations outside of the ligand-binding site. It enables to identify the structure of GPCRs to be used for SBDD drug discovery as well as antibody drug discovery as antigens		
SBDD	Structure-Based Drug Design	A method to design drugs on a computer base based on the analysis of the three-dimensional structure of the drug target (e.g., protein receptor)		
TPD	Targeted Protein Degradation	Drugs that promote the degradation of target proteins (e.g., receptors) in cells and aim for therapeutic effects by reducing disease-causing proteins		
PAM	Positive Allosteric Modulator	A regulator that binds to unusual active sites (allosteric sites) on the receptor to increase the affinity and effect of the agonist		
NAM	Negative Allosteric Modulator	A regulator that binds to an unusual active site on the receptor (allosteric site) and reduces the affinity and effectiveness of the agonist		
Ag	Agonist	A therapeutic drug that binds to a receptor and activates an intracellular signaling system similar to biological substances		
Ant	Antagonist	A therapeutic drug that suppresses biological reactions by binding to receptors and preventing them from binding to biological substances		
PK	Pharmacokinetics	Research and testing on the relationship between drug dosage and blood concentration. Mainly describes the rate process of ADME		
PD	Pharmacodynamics	Research and testing on the relationship between drug concentration and pharmacological effects		
ADME	Absorption, Distribution, Metabolism and Excretion	A series of process in the absorption of drugs into the body, distribution within the body, metabolism in the liver and other organs, and excretion in the kidneys and other organs		
POM	Proof of Mechanism	Proof of mechanism of action, mainly through biomarkers. It can suggest the possibility of efficacy in fewer cases than POC		
POC	Proof of Concept	Proof of a therapeutic concept, primarily through clinical efficacy and safety		
Ach	Acetylcholine	A neurotransmitter released from the peripheral parasympathetic and motor nerves to transmit nerve stimuli		
IND	Investigational New Drug	Information packages for development candidates to be submitted to the U.S. Food and Drug Administration (FDA) at the time of initiation of clinical trials		
Ph1	Phase1	A study in humans. The main purpose is to confirm the safety of the drug candidate mainly by healthy volunteers.		
Ph2	Phase2	A study in humans. The main purpose is to confirm the efficacy of the drug candidates on a small scale (however, the number of patients varies greatly depending on the disease)		
Ph3	Phase3	A study in humans. The main purpose is to determine the efficacy of the drug candidates on a large scale (however, the number of patients varies greatly depending on the disease)		
NDA	New Drug Application	An application to the U.S. Food and Drug Administration (FDA) for approval to market a new drug		

Disease/Drug			
LAMA	Long Acting Muscarinic Antagonist	An inhalant that dilates bronchial tubes and improves respiratory function by inhibiting the action of acetylcholine receptors (M3), which increase parasympathetic nerves.	
LABA	Long Acting Beta2-Agonist	An inhalant that improves respiratory function by stimulating sympathetic beta2 receptors to dilate the bronchi.	
ICS	Inhaled Corticosteroid	An inhalant that suppresses airway inflammation to prevent coughing attacks and other symptoms caused by asthma, also promotes the action of beta 2 stimulants and improve airway hyperresponsiveness.	
mCRPC	Metastatic Castration–Resistant Prostate Cancer	Cancer that has spread (metastasized) beyond your prostate gland and for which hormone therapy is no longer effective in stopping or slowing the disease.	
COPD	Chronic Obstructive Pulmonary Disease	A group of diseases that causes damage to the bronchi and lung due to smoking or inhalation of toxic substances, resulting in breathing problems.	
AD	Alzheimer's Disease	Alzheimer's disease is a progressive neurologic disorder that causes the brain to shrink (atrophy) and brain cells to die, the most common cause of dementia.	
DLB	Dementia with Lewy Bodies	Protein deposits, called Lewy bodies, develop in nerve cells in the brain regions involved in thinking, memory and movement (motor control), the second most common type of dementia.	







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