



Innovative R&D and Late-stage Development Progress

Disclaimer

The material that follows is a presentation of general background information about Sosei Group Corporation and its subsidiaries (collectively, the "Company") as of the date of this presentation. This material has been prepared solely for informational purposes and is not to be construed as a solicitation or an offer to buy or sell any securities and should not be treated as giving investment advice to recipients. It is not targeted to the specific investment objectives, financial situation or particular needs of any recipient. It is not intended to provide the basis for any third party evaluation of any securities or any offering of them and should not be considered as a recommendation that any recipient should subscribe for or purchase any securities.

The information contained herein is in summary form and does not purport to be complete. Certain information has been obtained from public sources. No representation or warranty, either express or implied, by the Company is made as to the accuracy, fairness, or completeness of the information presented herein and no reliance should be placed on the accuracy, fairness, or completeness of such information. The Company takes no responsibility or liability to update the contents of this presentation in the light of new information and/or future events. In addition, the Company may alter, modify or otherwise change in any manner the contents of this presentation, in its own discretion without the obligation to notify any person of such revision or changes.

This presentation contains "forward-looking statements," as that term is defined in Section 27A of the U.S. Securities Act of 1933, as amended, and Section 21E of the U.S. Securities Exchange Act of 1934, as amended. The words "believe", "expect", "anticipate", "intend", "plan", "seeks", "estimates", "will" and "may" and similar expressions identify forward looking statements. All statements other than statements of historical facts included in this presentation, including, without limitation, those regarding our financial position, business strategy, plans and objectives of management for future operations (including development plans and objectives relating to our products), are forward looking statements. Such forward looking statements. Such forward looking statements. Such forward looking statements are based on numerous assumptions regarding our present and future business strategies and the environment in which we will operate in the future. The important factors that could cause our actual results, performance or achievements to differ materially from those in the forward looking statements include, among others, risks associated with product discovery and development, uncertainties related to the outcome of clinical trials, slower than expected rates of patient recruitment, unforeseen safety issues resulting from the administration of our products in patients, uncertainties related to product manufacturing, the lack of market acceptance of our products, our inability to manage growth, the competitive environment in relation to our business area and markets, our inability to attract and retain suitably qualified personnel, the unenforceability or lack of protection of our patents and proprietary rights, our relationships with affiliated entities, changes and developments in technology which may render our products obsolete, and other factors. These factors include, without limitation, those discussed in our products obsolete, and other factors include, without limitation, those discussed in our products

This presentation does not constitute an offer, or invitation, or solicitation of an offer, to subscribe for or purchase any securities. Neither this presentation nor anything contained herein shall form the basis of any contract or commitment whatsoever. Recipients of this presentation are not to construe the contents of this summary as legal, tax or investment advice and recipients should consult their own advisors in this regard.

This presentation and its contents are proprietary confidential information and may not be reproduced, published or otherwise disseminated in whole or in part without the Company's prior written consent. These materials are not intended for distribution to, or use by, any person or entity in any jurisdiction or country where such distribution or use would be contrary to local law or regulation.

This presentation contains non-GAAP financial measures. The non-GAAP financial measures contained in this presentation are not measures of financial performance calculated in accordance with IFRS and should not be considered as replacements or alternatives profit, or operating profit, as an indicator of operating performance or as replacements or alternatives to cash flow provided by operating activities or as a measure of liquidity (in each case, as determined in accordance with IFRS). Non-GAAP financial measures should be viewed in addition to, and not as a substitute for, analysis of the Company's results reported in accordance with IFRS.

References to "FY" in this presentation for periods prior to 1 January 2018 are to the 12-month periods commencing in each case on April 1 of the year indicated and ending on March 31 of the following year, and the 9 month period from April 1 2017 to December 31 2017. From January 1 2018 the Company changed its fiscal year to the 12-month period commencing in each case on January 1. References to "FY" in this presentation should be construed accordingly.

© Sosei Group Corporation. Sosei Heptares is the corporate brand and trade mark of Sosei Group Corporation. Sosei, Heptares, the logo and StaR® are trade marks of Sosei Group companies.



Agenda

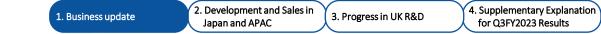
Business update

2 Development and Sales in Japan and APAC

3 Progress in UK R&D

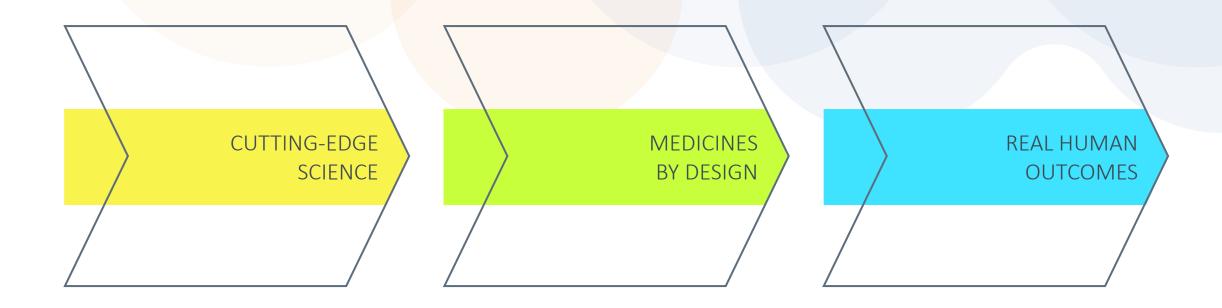
4 Supplementary Explanation for Q3FY2023 Results





Business update Chris Cargill, CEO

Our mission

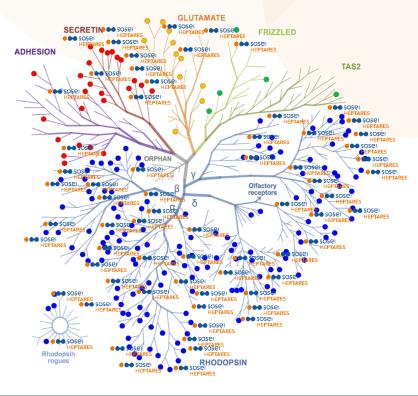


BUILDING THE NEXT-GENERATION PHARMA COMPANY FOR JAPAN



World leaders in structure-based drug design, strong focus on GPCR targets

GPCRs MOST SUCCESSFUL TARGETS IN MODERN MEDICINE



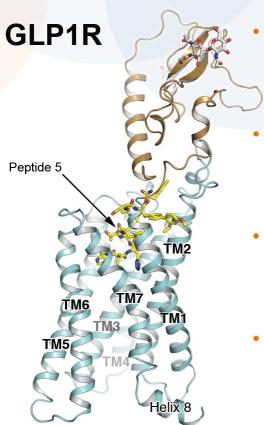
SOLVED **375+** MOLECULAR STRUCTURES FROM **50+** DIFFERENT RECEPTORS DEVELOPED **80+** StaRs

Receptors for which a structure has been released in Protein Data Bank (public domain)

SOSEI HEPTARES

Receptors for which Sosei Heptares has developed a StaR®

FIRST TO SOLVE GLP-1R BOUND TO A PEPTIDE AGONIST



- **Our science** highlights the complexity of receptor interactions
- **Our science** is globally recognized, as published in *Nature* (2017)
- Our science offers insights to enable GLP-1 drug discovery and development worldwide
- Our science makes a significant contribution to human health



Cutting-edge science enables medicines by design

Exposed to the fastest growing area in healthcare

GLP-1





PF'522 Phase 1 BEYOND GLP-1





Multiple Pre-discovery
/ Discovery

NEXT-GENERATION

BROAD INCRETIN/ UPSTREAM TARGETS (e.g. GLP-1/GIP/GCG)



Multiple Pre-discovery
/ Discovery

PFIZER AND LILLY ARE USING OUR SCIENCE TO ENABLE THEIR DRUG DESIGN FOR METABOLIC DISEASES



Cutting-edge science enables medicines by design

Exposed to the fastest growing area in healthcare

Weight-Loss Drugs Bring in Even More Money Than Expected

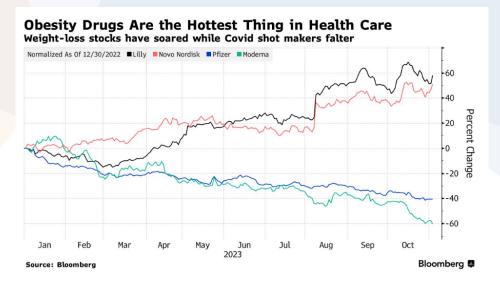
- Billion-dollar-plus hauls lift Novo and Lilly's earnings
- ■Both company's revenues shot up nearly 40% this quarter



Sales of Lilly's diabetes drug Mounjaro hit \$1.41 billion in the third quarter, up more than 650% from a year ago. Photographer: Sandy Huffaker/The Washington Post/Getty Images

By Madison Muller and Tim Loh

3 November 2023 at 00:13 GMT+9
Updated on 3 November 2023 at 00:39 GMT+9



And this could be just the beginning. Research is starting to show other potential benefits for heart and kidney disease from these treatments. Meanwhile, Lilly is testing whether a higher dose of Mounjaro will shed even more pounds. Both drugmakers are also testing their treatments in combination with others to see if those get better results and reduce unwanted side effects.

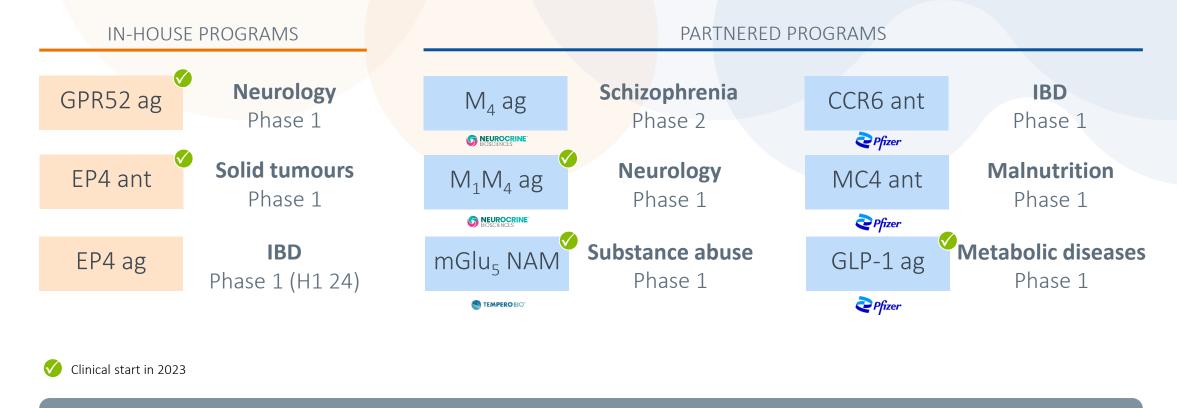
DIABETES AND OBESITY ARE **JUST THE BEGINNING**.
EMERGING RESEARCH SUGGESTS **BENEFITS IN HEART, LIVER AND KIDNEY DISEASES**

Source: https://www.bloomberg.com/news/articles/2023-11-02/weight-loss-drugs-are-bringing-in-even-more-money-than-expected



Medicines by design

Advancing through early clinical development

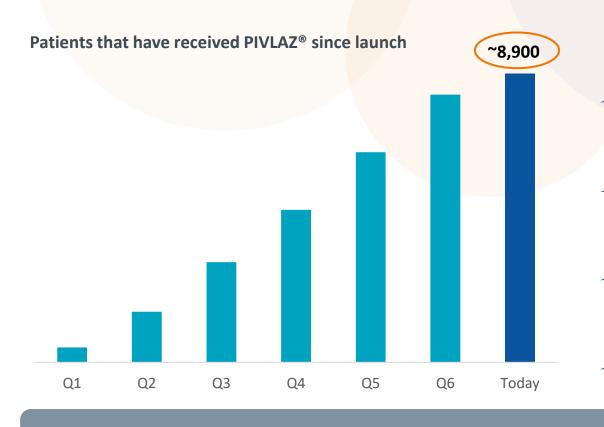


FIVE CLINICAL STARTS THIS YEAR BY US AND OUR PARTNERS



Real human outcomes

First commercially available medicine (PIVLAZ®) protecting lives in Japan every day



"The mechanism of action targets the root cause of cerebral vasospasm, which other drugs could not show" — Neurosurgeon 1, University Hospital

"PIVLAZ® was the first dug with a well-defined pathomechanism that I can prescribe confidently" — Neurosurgeon 2, General Hospital

"PIVLAZ® has a success rate of 30 out of 30 for me, not a single patient developed cerebral vasospasm" — Neurosurgeon 3, University Hospital

"The efficacy of PIVLAZ® is incomparable to other treatment options, I will not prescribe anything else"

— Neurosurgeon 4, General Hospital

PIVLAZ® RAPIDLY BUILDING REAL WORLD EVIDENCE MITIGATING THE RISK OF CEREBRAL VASOSPASM



Real human outcomes

Daridorexant to contribute significantly to Japanese health (Q4 2024 potential launch)



15 TRILLION YEN (3% GDP)

ECONOMIC LOSS

Due to decreased productivity



604,000LOST WORKING DAYS / YEAR

Due to absences and sick leave



10% HIGHER MORTALITY RISK

If average <6 hrs sleep per night

THE IMPACT OF SLEEP DISORDERS ON JAPANESE SOCIETY IS SIGNIFICANT. **DARIDOREXANT** IS A **BEST-IN-CLASS SOLUTION FOR INSOMNIA**

Source: "Why sleep matters - the economic costs of insufficient sleep" (2016) RAND Research Reports



Our mission, in progress

CUTTING-EDGE SCIENCE



World-leader in SBDD, using AI/ML tools, accelerating new drug discovery



Exposure to fastest growing area of healthcare, revolutionizing treatments for metabolic diseases

MEDICINES BY DESIGN



Exclusive opt-ins for Phase 3-ready products, **building** our commitment to healthcare in Japan



Additional pipeline of 30+ medicines by design, adding new programs and partners every year

REAL HUMAN OUTCOMES



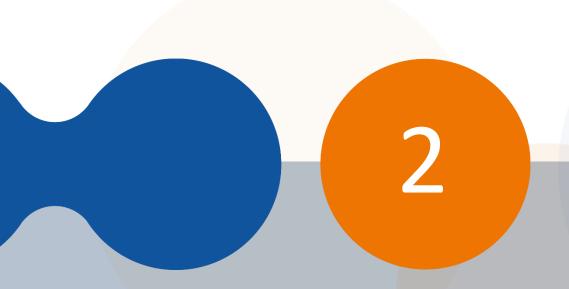
PIVLAZ® launch ongoing, protecting patients daily



Daridorexant NDA filing submitted to PMDA, transforming the management of sleep disorders







Development and Sales
in Japan and APAC
Dr. Satoshi Tanaka, President of IPJ/IPK

Orexin

43%

Orexin

Melatonin

Non BZD

BZD(short)

BZD(middle)

BZD(long)

BZD(very short)

CAGR ('22 - '30)

+11%

+2%

-2%

-10%

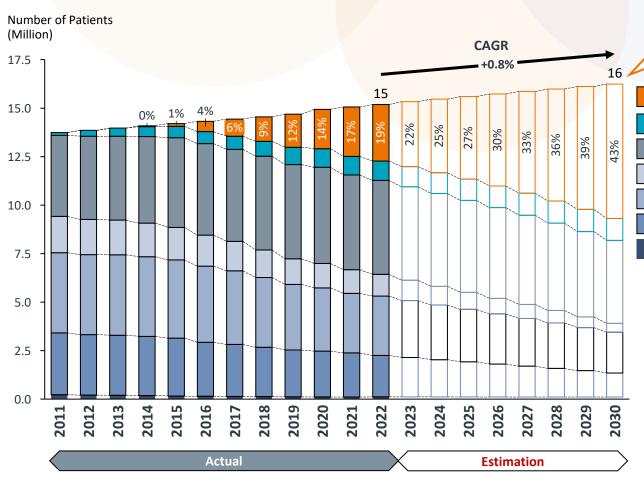
-5%

-7%

-1%

Insomnia: potential in Japan of drugs targeting the Orexin system

Market size of orexin system is expected to grow rapidly



Estimated number of patients with insomnia in Japan is around 15 million in 2022 (CAGR('22-'30): +0.8%), and the share of drugs targeting the Orexin system is expected to reach 43% in 2030

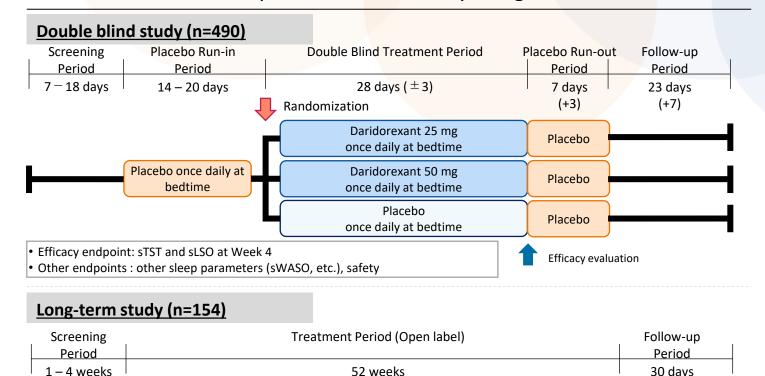
Source: IQVIA JPM (2011-2022/07MAT)



NDA submission of daridorexant

NDA submission on 31 Oct 2023 based on the excellent results of Japanese Phase 3 studies

Japanese Phase 3 study design



Daridorexant 25 mg once daily at bedtime

Daridorexant 50 mg once daily at bedtime

• Endpoints: safety, sleep parameters (sTST, sLSO, sWASO, etc.)

Double blind study results

Efficacy

sTST (compared to placebo at 28 days)

• 25 mg: p = 0.042

• 50 mg: p < 0.001

sLSO (compared to placebo at 28 days)

• 25 mg: p = 0.006

• 50 mg: p < 0.001

Safety

Treatment-emergent adverse events

• Placebo: 24.4%

• 25 mg: 22.7%

• 50 mg: 23.5%



Cenerimod (S1P₁ receptor modulator)

S1P₁ receptor modulator proven to be effective for treating multiple immune-related diseases



S1P₁ receptor

- Sphingosine-1-phosphate receptor 1 (S1P₁) is a GPCR receptor that regulates a wide range of biological processes, especially immune responses (both T cell and B cell)
- Modulation of S1P receptors regulates immune responses by inhibiting the egress of lymphocytes into the circulation
- Mechanism being targeted multiple disease as follows;



Inflammatory Bowel Diseases



Autoimmune Diseases

- Ulcerative Colitis
 - Ozanimod (BMS)
 - Etrasimod (Pfizer, approved)
- Crohn's disease
 - Ozanimod (BMS)

- Multiple Sclerosis
- Ozanimod (BMS)
- Ponesimod (J&J)
- Siponimod (Novartis)
- Fingolimod (Novartis /Mitsubishi Tanabe, approved)



Cenerimod

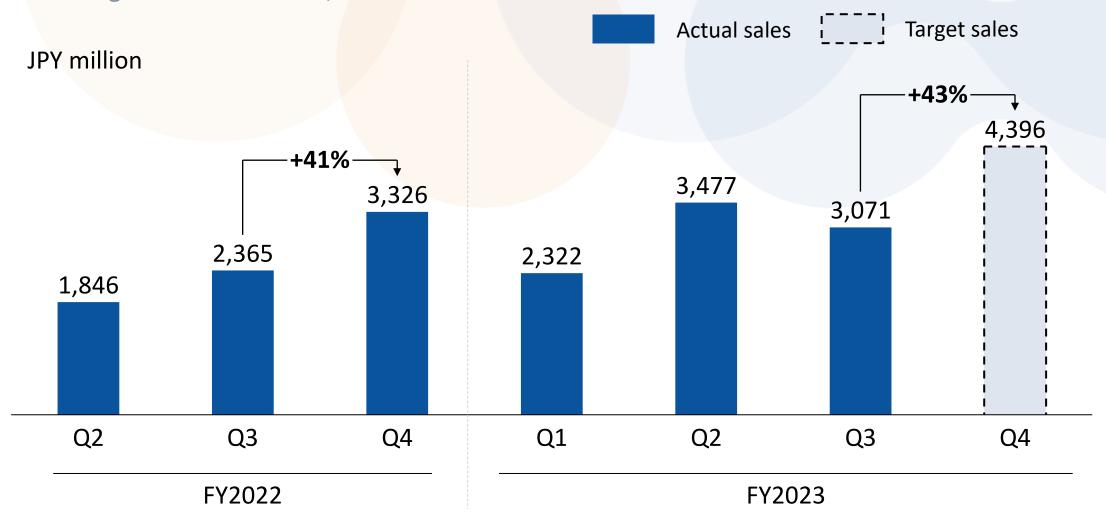
- Orally available selective S1P₁ modulator
- Idorsia Ltd. is developing cenerimod in Phase 3 trials as a therapy for SLE
- As cenerimod has potential to treat a wide range of immune-related disease, Sosei Heptares will initiate a rapid development program in an indication where it can be positioned and launched as a firstin-class therapy



1. Business update

Sales trend and target of PIVLAZ® (NHI based sales)

Sales Target in 2023: JPY 13,266 million





PIVLAZ® included in Japanese Guidelines for the management of STROKE

PIVLAZ® demonstrated the true endpoints of SAH with higher level of evidence



Japanese Guidelines for the management of STROKE





The impact of inclusion in the guideline

PIVLAZ® (clazosentan) was officially authorized and recommended by the Japanese Stroke Society in Aug '23 owing to quality of evidence demonstrated by pivotal Phase 3 studies conducted in Japan.

IV. Subarachnoid Hemorrhage7-1 Treatment of Delayed Cerebral Vasospasm

	PRODUCT	RECOMMENDATION LEVEL	EVIDENCE LEVEL	
1	Clazosentan	В	MEDIUM	Included from 2023
2	Fasudil	В	LOW	
3	Ozagrel Sodium	В	LOW	

- Provides confidence to neurosurgeons to prescribe PIVLAZ® as a new standard of care for SAH based on strong evidence it can prevent delayed cerebral ischemia (DCI) and poor outcomes
 - The Guidelines for recommending the treatment of vasospasm have not been revised for over several years, so most neurosurgeons have been paying close attention to that revision
 - Inclusion in the Guidelines is expected to be a trigger for neurosurgeons to switch from prescribing conventional treatments to new evidence-based medicines such as PIVLAZ®

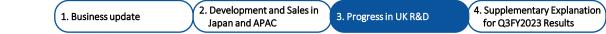


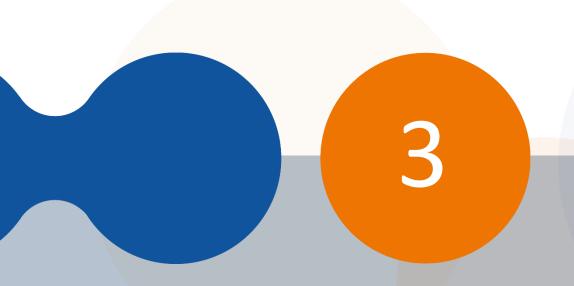
Leverage commercial capability by using external resource

Creating commercial synergies to optimize sales and distribution









Progress in UK R&D

Dr. Matt Barnes, President of Heptares

and Head of UK R&D

Partnered Programs (1)

Neurocrine Biosciences Collaboration

Neurocrine Biosciences Advancing Muscarinic Portfolio

Clinical studies, include:

- Initiated Phase 2 placebo-controlled study of NBI-1117568*, a selective M4 agonist, as a potential treatment for schizophrenia
 - ✓ NBI-1117568 offers the potential for an improved safety profile:
 - Without the need of combination therapy to minimize side effects
 - Avoids the need of cooperativity with acetylcholine when compared to non-selective muscarinic agonists and positive allosteric modulators in development
- Initiated Phase 1 Study for NBI-1117570*, a dual M1 / M4 agonist
- > Anticipate advancing additional muscarinic compounds into clinic over the coming months



Partnered Programs (2)

Highlights

Clinical & Pre-clinical Programs



Oct. '23

Clinical Program

 PF-06954522, a new oral small molecule GLP-1 receptor agonist progressed into Phase 1 clinical trials targeting the treatment of



Sep. '23

TEMPEROBIO™

Jan. '23

X CENTESSA

Oct. '23

Clinical Program

 NBI-1117570, a selective M1/M4 dual agonist progressed into Phase 1 clinical trials for potential treatment of neurological and neuropsychiatric conditions.

Clinical Program

- TMP-301, a selective mGluR5
 NAM progressed into clinical trials
 for alcohol and substance use
 disorder
- CEO of Aditum Bio commented this program is expected to move into Phase 2 in 2024 ¹⁾

Pre-Clinical Program

 Preclinical data supporting best-inclass potential of OX750, an oral OX2R agonist for treatment of narcolepsy and other sleep-wake disorders presented at the World Sleep Congress (Oct '23)

Discovery & Technology Collaborations

Genentech

metabolic diseases.

Oct. '23

A Member of the Roche Group

Discovery Program

 \$3.75M payment for the progression of a potential first-inclass project targeting an undisclosed GPCR Oct. '23

Al drug design

- Drug discovery collaboration expanded to a second neurological target
- SBDD + chemUNIVERSE

verily

Oct. '23

Target ID/ Validation

- Nomination and validation of first GPCR target for drug discovery in IBD
- Immune Profiler platform

KALLYOPE

Nov. '23

Gut-brain axis platform

- Nomination of first GPCR target for therapeutic development in Gastrointestinal Diseases
- Gut-brain axis platform



1) Endpoints news (October 20, 2023)

Wholly-owned clinical & peri-clinical programs

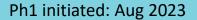
Advancing priority programs into early clinical studies



Immunosuppression in solid tumors

EP4 antagonist

- Once daily oral small molecule
- Combination with checkpoint inhibitors
- Collaboration with Cancer Research UK





- Participants: 150 patients
- Estimated duration: 8/2023 9/2026
 - Patients dosed with no DLTs or SUSARs reported
 - Two clinical sites currently open with a third anticipated to open imminently



Schizophrenia and Psychosis

GPR52 agonist

- Once daily oral small molecule
- 24hr target engagement

Ph1 initiated: June 2023

- Participant: 104 healthy volunteers
- Estimated duration: 6/2023 11/2024
- Clinical trial is proceeding as planned with good progress through dose escalation

Inflammatory Bowel Disease

EP4 agonist

- Oral GI restricted
- Good potency and selectivity
- Minimal GI systemic exposure

Ph1 initiation target: H1 2024

- Regulatory submission to commence trial planned for Q4 2023
- Preclinical evaluation is ongoing and on track
- H1 2024 Phase 1 start





DLT: Dose Limiting Toxicities, SUSAR: Suspected Unexpected Serious Adverse Reactions
EP4 Ant study link: https://clinicaltrials.gov/study/NCT05944237?term=Heptares&viewType=Table&page=2&rank=15
GPR52 Ag study link: https://www.isrctn.com/ISRCTN17231793?q=&filters=&sort=&offset=58&totalResults=23608&page=6&pageSize=10



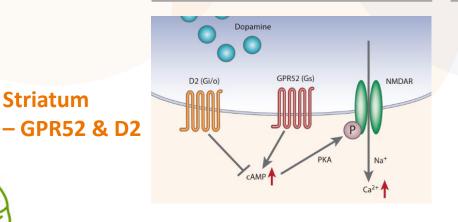
DLPFC

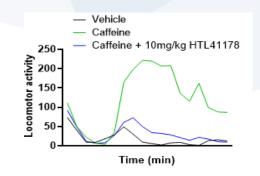
GPR52 agonist – a novel approach to treat schizophrenia

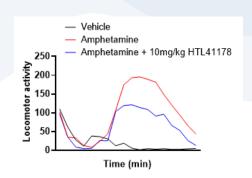
Mechanism

Preclinical results

HTL0041178 blocks psychostimulant-hyperlocomotion in rodents

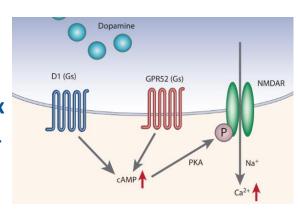








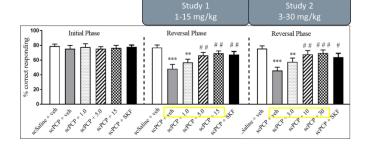
Striatum



HTL0041178 improves cognitive flexibility in subchronic PCP rat









Poulter et al. ACS Med Chem Lett. 2023;14(4):499-505; MacSweeney et al. SOBP 2020 (poster); MacSweeney et al. SIRS 2022 (poster)



In House Portfolio – Future Programs

Several internal targets

	Inflammatory bowel disease	Major Depressive Disorder	Metabolic Disorders
Stage	Pre-clinical	Discovery	Pre-discovery
Target Product Profile	Once daily, first-in-class oral small molecule	Once daily, best-in-class oral small molecule	Once daily, first-in-class oral small molecule
Next Milestone	Phase 1 start	Pre-clinical development	Discovery
Mechanism of Action	Mucosal healing concept - targeting gut epithelial cells axis aimed at promoting barrier repair	Modulation of dopaminergic transmission in reward circuits	Modulation of broad incretin release (inc. GLP-1; GIP; GCG) and appetite suppression. Upstream of current GLP-1 small molecule agonists



R&D Artificial Intelligence (AI)/Machine Learning (ML) Approaches

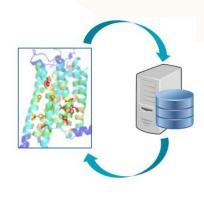
Broad application of AI techniques across multiple functions

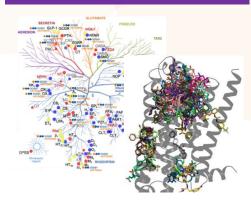
StaR[®]

Structure

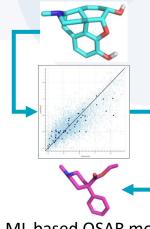
Molecule Design

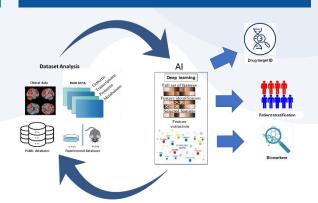
Translational Medicine











- **GPCR** rich mutagenesis datasets are mined using ML algorithms to predict future StaR® enabling mutations
- Al used to predict GPCR binding site/mode using database of proprietary internal/external structures
- Hit ID through AIassisted medicinal chemistry expertise
 - PHARMENABLE

ML based QSAR models based on proprietary internal and public datasets

Al led analysis of large patient datasets to identify biomarkers and stratify patients



Accelerates StaR® generation

- Improves breadth and depth of GPCR homology models to support molecule optimization and virtual screening.
- **Supports** identification of novel chemical series
- Supports optimization of chemical series to improve drug like properties
- Enables the design of the 'right' clinical studies



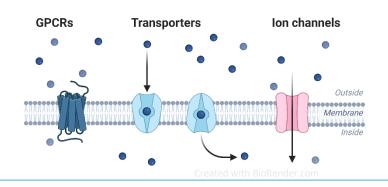
Approach

Future Innovation & Platform Growth

Investing in non-GPCR membrane drug targets and laboratory expansion

Non-GPCRs

- Utilizing know-how to explore other membrane protein target classes.
- Ion channels and transporters projects initiated
- Drug targets with strong validation selected where SBDD approach offers differentiation
- Opportunity to demonstrate technical feasibility
 & generate best-in-class medicines in our
 therapeutic areas of interest



Laboratory Expansion

Completion of additional laboratory
 space – October 2023

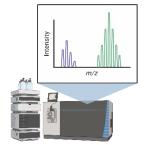


 New Phage Display lab created to utilize naïve nanobody libraries to screen against purified GPCR StaR® targets – identify Protein Binders to support cryo-EM and SBDD platform



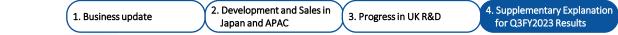
Phage selection against target GPCR

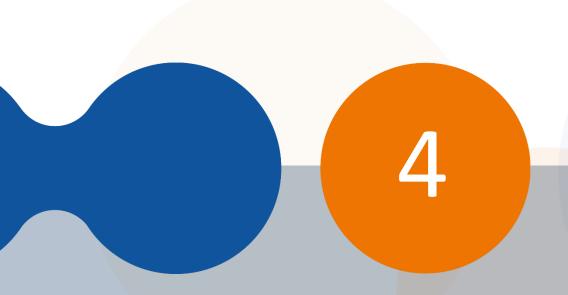




New Mass Spectrometry (MS)
 facility created & state-of-the-art
 mass spectrometer purchased to
 drive advanced GPCR MS
 methodologies.







Supplementary Explanation for Q3FY2023 Results
Hironoshin Nomura, CFO

1. Business update

Breakdown of Q3 FY2023 result

Because of M&A, Non-cash/Non-recurring cost impacted 3rd quarter results

(JPY million)	Sosei Heptares* (1Q-3Q:9month)	IPJ/IPK* (7/20-9/30 : c.2.4month)	Consolidated (P/L (Core)	Non-cash cost Non-recurring Costs		solidated _ (IFRS)
Revenue	3,130	2,344	5,474			5,474
CoS				(684) Current PIVLAZ® stock		
+ SG&A	(2,501)	(1,379)	(3,880)	B (226) C (1,272) Amortization of products M&A-related fee		(7,364)
JUAA				(1,302) Others		
R&D	(6,112)	(313)	(6,425)	(588)		(7,013)
Other income	906	6	912			912
OP/Core OP	(4,577)	658	Core OP (3,920)		ОР	(7,992)

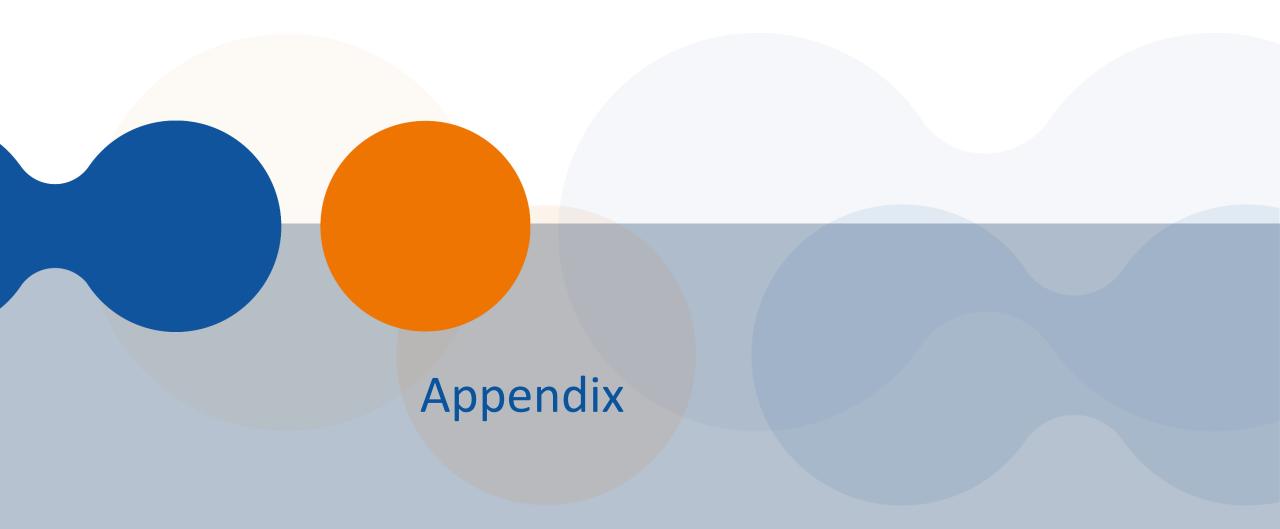
M&A related Adjustments (total. JPY 2,182 mil.) Additional CoS charge only for current PIVLAZ® stock. This impact will continue until around Apr 2024.

B Amortization of intangible assets (relating to PIVLAZ® and Daridorexant). Plan to be c. JPY 1,800 million / year from 2025.

One time M&A related fee covering the IPJ/IPK transaction and evaluation of other potential opportunities was basically fully charged in Q3 2023.



^{*} Sosei Group, Sosei Co. Ltd. and Heptares Therapeutics Ltd., IPJ: Idorsia Pharmaceuticals Japan, IPK: Idorsia Pharmaceuticals Korea



Exclusive Opt-in Rights And ROFN/ROFR¹

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

	Program	Mechanism of Action	Indication**	Stage	Region
Exclusive	Cenerimod	S1P ₁ receptor modulator	Systemic lupus erythematosus	Phase 3	
Opt-in Right	Lucerastat	Glucosylceramide synthase inhibitor	Fabry disease	Phase 3	
	Selatogrel	P2Y ₁₂ antagonist	Suspected acute myocardial infarction	Phase 3*	
	ACT-1004-1239	ACKR3 / CXCR7 antagonist	Multiple sclerosis and other demyelinating diseases	Phase 2*	APAC (ex-China) ²
ROFR /ROFN ¹	ACT-1014-6470	C5aR1 antagonist	Immune-mediated disorders	Phase 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

^{**} This is an indication currently under development, but does not necessarily mean that Sosei will develop for this indication

Introduction of 'Core Operating Profit'

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

Operating Profit "IFRS"

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

+ Material Non-cash Costs (Depreciation, Amortization, Share based payments, Impairment...etc.) + Material Non-recurring Costs (Restructuring costs and Other material one-off items...etc.) Non-cash (Material) Cash Costs under Recurring Non-recurring (Material) Costs under "IFRS"

Operating Profit

- "Core"
- Core Operating Profit is a new key financial indicator that highlights the underlying recurring cash generating capability of the business.
- Core Operating Profit 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 and other material one-off items.
- Core Operating Profit = Cash Earnings + material Non-recurring Costs



Partnered pipeline

Compound	Target / Mechanism of Action	Modality	Indication	Partner	Disc.	PCC	Ph1	Ph2	Ph3	Арр	М
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	Hisamitsu							
Imaradenant ¹	Adenosine A2a ant. combo	SME	mCRPC	AstraZeneca							
NBI-1117568	Muscarinic M4 agonist	SME	Schizophrenia	S NEUROCRINE BIOSCIENCES							
(Not disclosed)	Muscarinic M1 agonist	SME	Neurology diseases	S NEUROCRINE' BIOSCIENCES							
NBI-1117570	Muscarinic M1/M4 agonist	SME	Neurology diseases	S NEUROCRINE BIOSCIENCES							
PF-07081532	GLP-1 agonist	SME	T2DM/Obesity	P fizer				_			
PF-07054894	CCR6 antagonist	SME	Inflammatory bowel disease	P fizer							
PF-07258669	MC4 antagonist	SME	Malnutrition	P fizer							
PF-06954522	GLP-1 agonist	SME	Metabolic diseases	₹ Pfizer							
(Not disclosed)	CGRP antagonist	SME	Neurology diseases	₹ Pfizer							
(Not disclosed)	GPR35 agonist	SME	Inflammatory bowel disease	GSK							
(Not disclosed)	Multi target	SME/LME	Multiple indications	Genentech A Member of the Roche Group							
(Not disclosed)	Multi target	SME/LME	Gastrointestinal and other	Takeda							
(Not disclosed)	Multi target	SME	Inflammatory/Neurology	abbvie							
(Not disclosed)	Multi target	SME	Diabetes/Metabolic	Lilly							



Partnered pipeline (cont'd)

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)	PAR-2	Peptide	Inflammatory diseases	Pepti Dreum							
(Not disclosed)	Targeted Protein Degradation	SME	Gastrointestinal disorders	Captor Therapeutics*	_						
(Not disclosed)	Al-Augmented Drug Discovery	SME	Neurology diseases	PHARMENABLE	_						
(Not disclosed)	Multi target Al-powered	SME/LME	Immune diseases	Inveni@	_						
(Not disclosed)	Multi target Al-powered	SME/LME	Immune diseases	<u>v</u> erily	_						
(Not disclosed)	Gut-brain axis drug discovery	SME	Gastrointestinal disorders	KALLYOPE	_						
Co-owned companie	es										
TMP301	mGlu5 NAM	SME	Substance use disorders	TEMPERO BIO'							
ORX750	OX2 agonist (Oral)	SME	Narcolepsy	X CENTESSA Proposition Control							



In-house pipeline

Compound	Target / Mechanism	Modality	Indication	Originator	Disc.	PCC	Ph1	Ph2	Ph3	Арр	Mkt
In-house Programs											
PIVLAZ®	ETA antagonist	SME	Cerebral vasospasm	SOSEI HEPTARES							
Daridorexant	Dual Orexin antagonist	S <mark>ME</mark>	Insomnia	SOSEI HEPTARES							
HTL'149	GPR52 agonist	SME	Neurology diseases	SOSEI HEPTARES			_				
HTL'732	EP4 antagonist	SME	Immuno-oncology	SOSEI HEPTARES			_				
(Not disclosed)	EP4 agonist	SME	Inflammatory bowel disease	SOSEI HEPTARES							
(Not disclosed)	Muscarinic M1 agonist (JP)	SME	Neurology diseases	SOSEI HEPTARES							
(Not disclosed) ¹	H4 antagonist	SME	Atopic Dermatitis	SOSEI HEPTARES							
(Not disclosed)	SARS CoV-2 Mpro	SME	Coronaviruses	SOSEI HEPTARES							
Multiple programs	Not disclosed	SME/LME	Neurology diseases	SOSEI HEPTARES	_						
Multiple programs	Not disclosed	SME/LME	GI and Inflammatory diseases	SOSEI HEPTARES	_						
Multiple programs	Not disclosed	SME/LME	Immunology diseases	SOSEI HEPTARES	_						
In-house Programs (No	longer internally funded. Targ	eting academic / i	ndustrial partnership)								
HTL'310	SSTR5 agonist	Peptide	Hypoglycaemic disorders	SOSEI HEPTARES							
HTL'097	GLP-1 antagonist	Peptide	Hypoglycaemic disorders	SOSEI HEPTARES							
HTL'023	Dual GLP-2/GLP-1 agonist	Peptide	Intestinal failure/NASH	SOSEI HEPTARES							
(Not disclosed)	Apelin agonist	Peptide	Pulmonary Arterial Hypertension	SOSEI HEPTARES							
HTL'641	Dual orexin antagonist	SME	Insomnia and sleep disorders	SOSEI HEPTARES							
(Not disclosed)	PAR-2 mAb	mAb	Atopic Dermatitis/Pain	SOSEI HEPTARES							



(For Reference) IPJ* Standalone Operating Results

(JPY million)	FY2022	FY2023 2Q
Revenue	11,709	5,950
Product sales	6,254	4,812
Contract revenue (from related parties)	5,455	1,138
CoS	1,959	1,692
R&D	4,485	1,034
SG&A	4,475	2,876
Operating profit	790	348
Net income	468	158



^{*} IPJ: Idorsia Pharmaceuticals Japan

Locations

SOSEI GROUP

PMO Hanzomon 11F

2-1 Kojimachi, Chiyoda-ku

Tokyo 102-0083

Japan

Midtown East,

9-7-2 Akasaka Minato-

ku

Tokyo 107-0052

Japan

F17, 410 Teheran-Ro

GangHam-Gu

Seoul 06192

South Korea

Steinmetz Building

Granta Park,

Cambridge CB21 6DG

United Kingdom

North West House

119 Marylebone Road

London NW1 5PU

United Kingdom

VISCHER AG

Aeschenvorstadt 4

4051 Basel

Switzerland