Supplementary Information for Financial Results FY12/25

Feb. 10, 2025

CHIOME

To accelerate drug discovery and development of mAb for therapeutics to overcome current medical unmet-needs

Chiome Bioscience Inc.

Agenda

1. Overview of FY12/25 “Financial results”

2. Overview of FY12/25 “Operation highlights”

Appendix.

- Corporate information
- Pipeline information

Overview of FY12/25 “Financial results”

Financial results: Profit and Loss

(JPY in millions)

	FY2024	FY2025	Increase (decrease)	Main reasons for increase / decrease
Net sales	780	593	(187)	
Drug Discovery & Development	202	-	(202)	FY2024 includes an upfront payment under the PFKR license agreement.
Drug Discovery Support	577	593	15	Recorded revenue associated with the development of biosimilars
COS/SGA	1,811	1,573	(238)	
R&D Expense	936	776	(160)	Decrease in study drug manufacturing costs, etc.
Other costs	874	796	(78)	
Operating Loss	(1,030)	(979)	51	
Ordinary Loss	(1,019)	(989)	30	
Net Loss	(1,020)	(982)	37	

Financial results: Balance Sheet

(JPY in millions)

	As of Dec. 31, 2024	As of Dec. 31, 2025
Current assets	2,337	1,546
(Cash on hand in banks)	2,063	1,205
(Other current assets)	274	341
Non-current assets	131	180
Total assets	2,468	1,727
Current Liabilities	493	374
Non-current liabilities	55	230
Total liabilities	548	605
Total net assets	1,920	1,122
Total liabilities and net assets	2,468	1,727

Financial Results: Cash Flows

(JPY in millions)

	FY2024	FY2025
Cash flows from operating activities*1	(1,000)	(935)
Cash flows from investing activities	-	(55)
Cash flows from financing activities	1,738	133
Net increase (decrease) in cash and cash equivalents	737	(858)
Cash and cash equivalents as of the beginning of the year	1,325	2,063
Cash and cash equivalents as of the end of the year	2,063	1,205

*1 Expenditures, such as R&D expenses mainly on clinical development, and sales, general, and administrative expenses

Overview of FY12/25 “Operation highlights”

Key Topics

For CBA-1205 Phase I, pediatric cancer cohort added/patients enrollment started, in addition to melanoma and hepatocellular carcinoma.

For CBA-1535 Phase I, single agent part is advancing with dose escalation in consultation with the PI*

＊: Principal Investigator

Entered into an agreement to establish a joint venture company, Alfenax Biologics Corporation, for the manufacturing of APIs* and drug products for biosimilars

＊: Active pharmaceutical ingredients

Collaborative development on cell line construction for biosimilars with Alfresa HD and Kidswell has commenced.

Business alliance agreement with Axcelead Drug Discovery Partners to further develop the IDD＊ business

＊: Integrated Drug Discovery

Advancing collaborative research with NANO MRNA for the development of mRNA-encoded antibiotics

FY2025 Operation Highlights

Drug Discovery and Development – Pipeline

CBA-1205	✓ SD (stable disease) assessment with tumor shrinkage in a malignant melanoma patient from the first part of Phase I study has been lasting for more than 4 years. Dosing is still ongoing. ✓ Advancing melanoma and pediatric cancer cohort parts
CBA-1535	✓ The safety and efficacy are being evaluated with dose escalation for patients with solid tumours—no significant safety concerns at present. ✓ Protocol amended, dose escalation underway after premedication.
Drug discovery projects	✓ Continuing efforts to out-license and enhance the business value of multiple preclinical drug discovery projects. ✓ Joint research agreement with NANO MRNA for development of antibody encoding mRNA-LNP.

New technology development

DoppeLib™	✓ DoppeLib™: an enabling technology for high-throughput bispecific antibody screening, currently under development with several corporate partners.

IDD Business

Biosimilar businesses	✓ Basic agreement on establishing a joint venture for biosimilar drug substance and drug product manufacturing. ✓ Revenue from cell line construction based on a Master Service Agreement for the development of new biosimilars development recorded as drug discovery support business segment sales.
Business alliance	✓ Providing consulting services for antibody drug discovery seeds upon concluding Business Alliance Agreement with SRD. ✓ Business Partnership with Axcelead Drug Discovery Partners concluded.

Drug Discovery Support Business

Deals with pharmaceutical companies	✓ Net sales of ¥593 million in FY2025, year-on-year increase in revenue and profit. ✓ Expanding a scope of a business alliance agreement with Merck. New entrustment agreements with Nittobo and with Mochida Pharmaceutical Co., Ltd.

Main Pipeline

★ First in class
★★ World first drug discovery modality moving into clinical phase

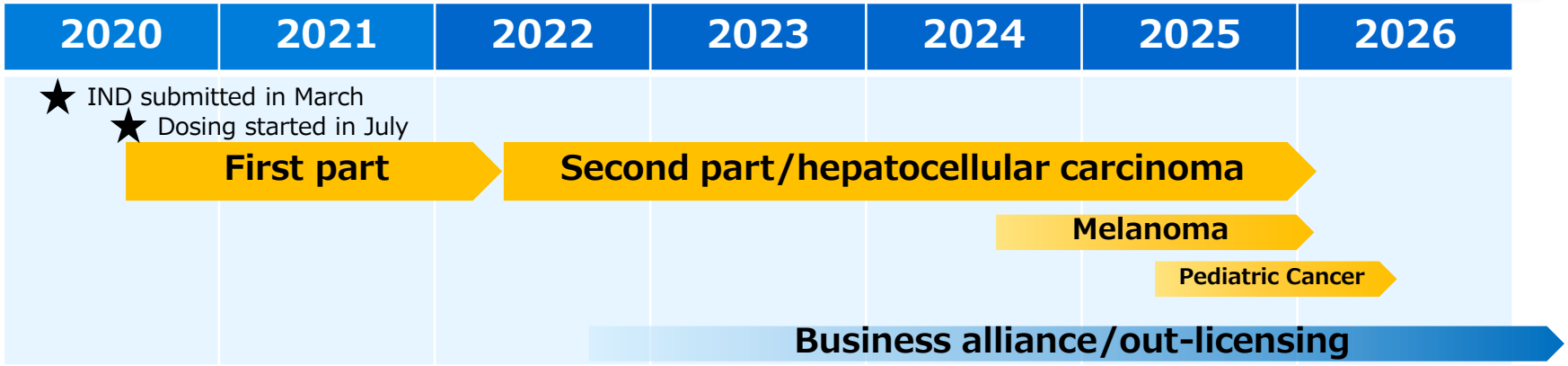
Code	Target	Therapeutic Area	Status
★ CBA-1205 (ADCC enhanced)	DLK-1	Oncology	Phase 1 (jRCT2080225288) (NCT06636435)
★★ CBA-1535 (Tribody®)	5T4×CD3×5T4	Oncology	Phase 1 (jRCT2031210708) (NCT07016997)
★ PCDC (ADC)	CDCP1	Oncology/ADC	Non-clinical studies in progress
PTRY	5T4×CD3×PD-L1	Oncology	Non-clinical studies in progress
PXLR	CXCL1/2/3/5	Oncology	Non-clinical studies in progress
PFKR	CX3CR1	Autoimmune disease	November 2024 Out-licensed to Asahi Kasei Pharma

As of Dec. 31, 2025

For other pipeline projects, we continue to work towards achieving results and report progress as appropriate.

CBA-1205 Phase 1 Study

PR case confirmed with a hepatocellular carcinoma patient
Melanoma part was added



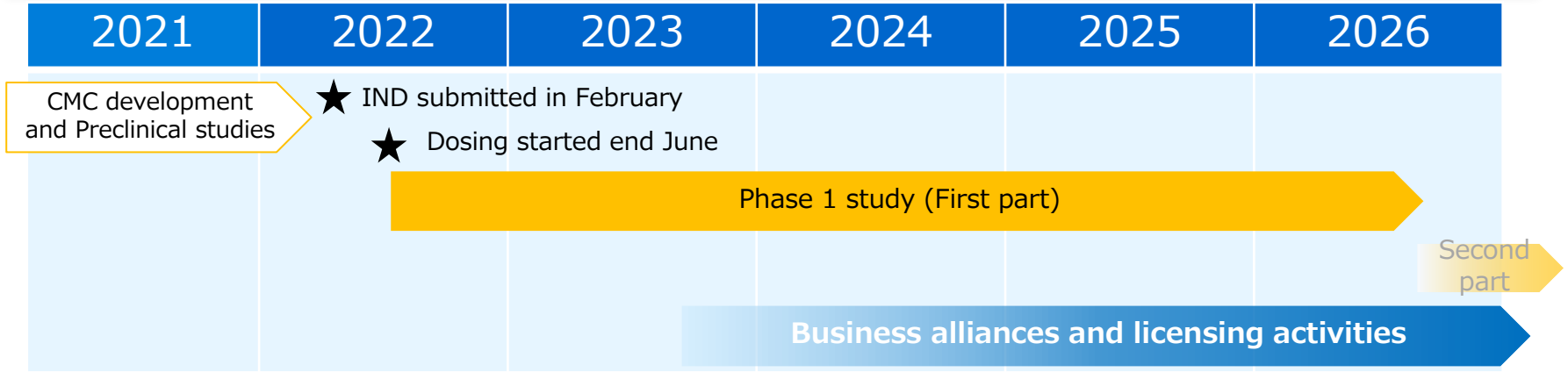
Study design and objectives	First part	Second part
	Target patients: patients with solid tumors ・Dose escalation starting with low dose ・Determine maximum safe dose ・Additional cohort with a higher dose than initially planned	Target patients: patients with hepatocellular carcinoma, melanoma, and pediatric cancer ・Confirm a suitable dose in the clinical study with hepatocellular carcinoma patients (optimal dose) ・Evaluate safety and initial efficacy signals

First part
- Highly safe. **SD (stable disease) assesment has continued for more than 4 years, including tumor shrinkage** in a melanoma patient

Second part
- **PR (partial response: tumor shrinkage of 30% or more)** confirmed in **one hepatocellular carcinoma patient**
- Advancing **melanoma** part based on the long-term dosing record in the first part of the study.
- Advancing **pediatric cancer** part including hepatoblastoma based on the joint research with IGTP in Europe.

CBA-1535 Phase 1 Study

The first part of CBA-1535 Phase I study is in progress



Study design and objectives	First part (single agent)	Second part (combined use with cancer immunotherapy drugs)
	Target: Solid cancer patients • Starting to administer a low dose in increments to find the maximum dose that can be safely administered. • Evaluate initial drug efficacy signals	Target: Solid cancer patients • Administer the dose that was confirmed to be safe in the first part in increments. • Find the maximum dose that can be safely administered when combined with cancer immunotherapy drugs (IOs) • Evaluate early drug efficacy signals when combined

・ The dosage is gradually increased. Beginning to see reactions in patients' blood, but there have been no safety concerns that would affect development so far.
・ For possible out-licensing with only the data from the first part (single agent) study, we extended the part to enhance the data.

Towards Future Out-licensing

CBA-1205: A program to maximize product value and out-licensing consideration

Hepatocellular carcinoma

+

Melanoma

Long SD in Phase I, 1st part

Pediatric solid tumors

Expanding clinical studies based on findings from the joint research.

=

Aimed at maximizing product value and improvement on economic terms in out-licensing

CBA-1535: A program aimed at out-licensing based solely on single agent data

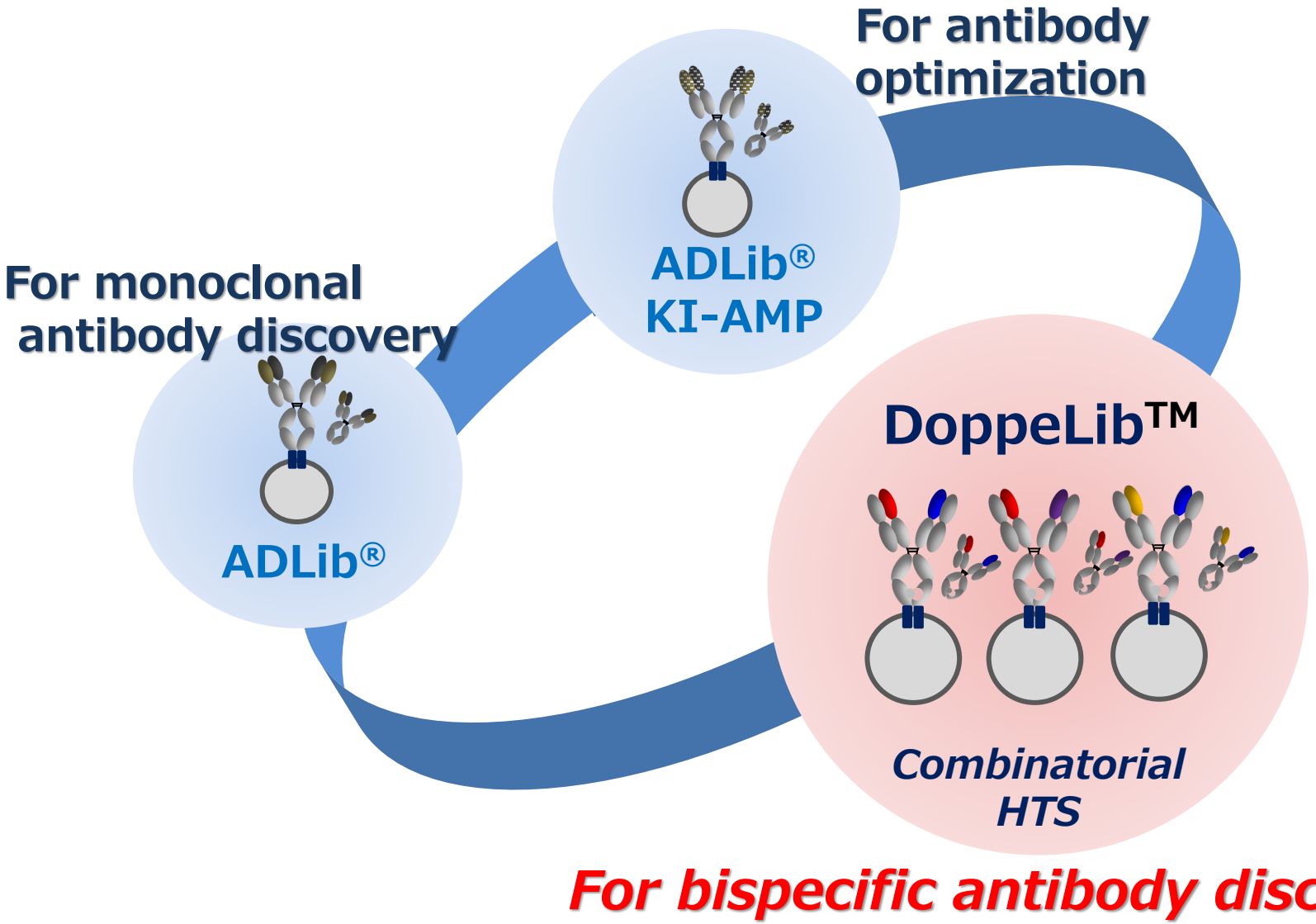
Focusing clinical development for out-licensing with first part data, evaluation of safety and efficacy as a single agent.

⇒

Enhancing the likelihood of successful development for early-stage licensing to the companies with strong financial resources for development under this competitive T cell engager solid cancer area.

For the above clinical development programs, the aim is to acquire license agreements by obtaining data suggesting efficacy from ongoing Phase I studies.

Antibody Generaion Technology Platforms



For bispecific antibody discovery

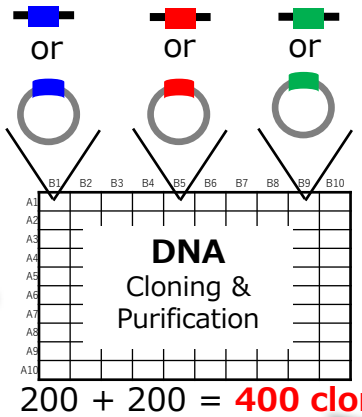
Basic Concept of DoppeLib™

DoppeLib™ : High throughput screening technology bispecific antibody

Conventional method

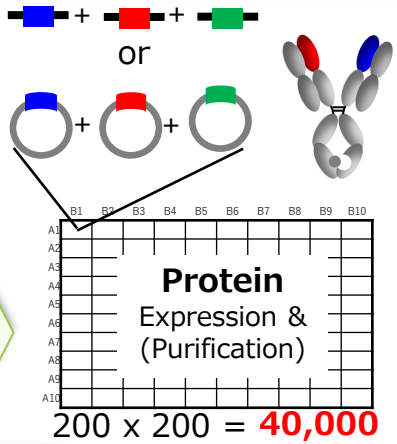
mAb against antigen **A** ...200 clones

mAb against antigen **B** ...200 clones



200 + 200 = **400 clones**

Laborious



200 x 200 = **40,000 combinations**

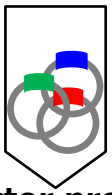
Hard work

Chiome's concept

mAb against antigen **A** ...200 clones

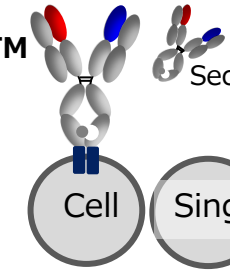
mAb against antigen **B** ...200 clones

DoppeLib™

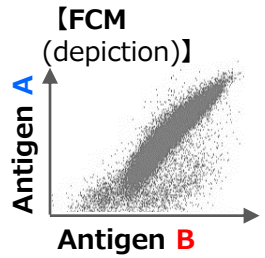


Bulk vector preparation in a single tube

Easy

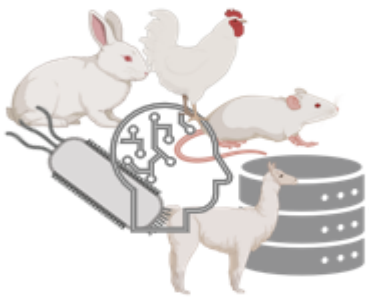


200 x 200 = **40,000 combinations**



Easy

The Vision of DoppeLib™



Parental-mAb generation or existing mAbs

DNA synthesis & pooled-plasmid prep.

DoppeLib™ High-throughput screening

Further optimization

Accelerating Research Cycle

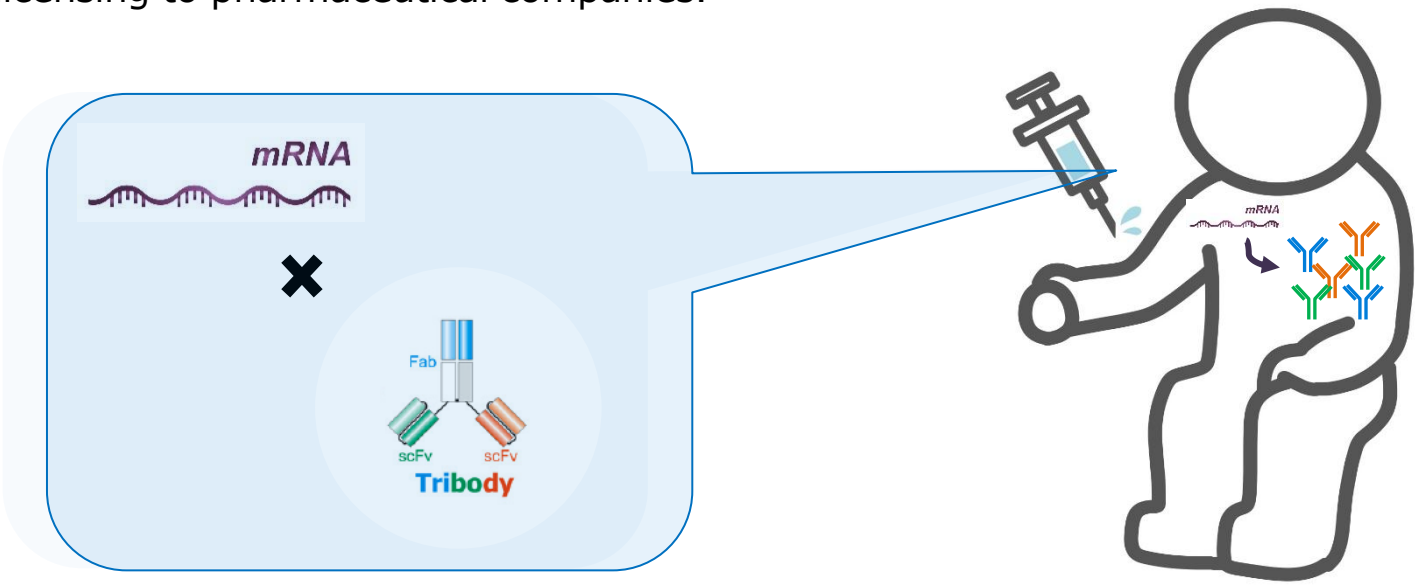
By evaluating a vast number of parental monoclonal antibody combinations, we will unlock the potential of bi-specific antibodies.

Illustrations were created with BioRender.com.

Advancing Joint Research with NANO MRNA

To establish new therapeutic modality
=Tribody® x mRNA
Leveraging strengths of both parties to advance to next-generation therapeutic drugs

- Merging Chiome's multi-specific antibody format, Tribody®, and NANO MRNA's mRNA drug discovery platform technology.
- A drug discovery method to achieve therapeutic effects by administering mRNA that enables the body’s cells to produce the target antibody.
- The mRNA-encoded antibody is one of the application fields in mRNA therapeutics. Once candidate products are selected, we aim for joint development or out-licensing to pharmaceutical companies.



Joint Venture to Manufacture Drug Substance and Drug Product of Biosimilars

Alfresa Holdings, Kidswell, Chiome and Mycenax concluded an agreement on establishing a joint venture company, Alfenax Biologics Corporation.

Outline of the Joint Venture Company

Company Name	Alfenax Biologics Corporation (Aflenax Biologics)
Address	Chuo-ku, Tokyo *Manufacturing facility is within the premise of Alfresa Fine Chemical in Akita-city, Akita-pref.
Title and Name of Representative	To be determined
Business Description	CDMO services and distribution services for medical products/biopharmaceuticals
Capital Stock	¥900 million
Ownership Ratio	Alfresa Holdings 45%、MBI45%、 Kidswell 7%、Chiome 3%
Date of Establishment	To be determined

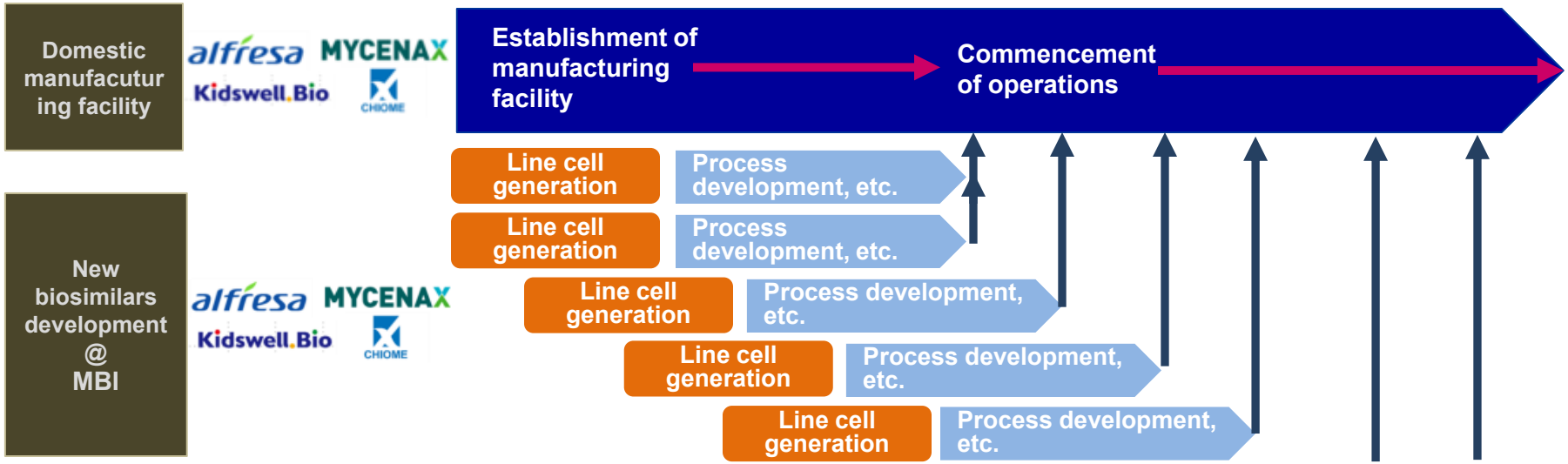
- Advancing the development of domestic manufacturing facility for biosimilars within the premise of Alfresa Fine Chemical Corporation through support from the Ministry of Health, Labour and Welfare.

alfresa	Kidswell.Bio	CHIOME	MYCENAX
Engaged in the manufactue of pharmaceuticals and other products, with a nationwide distribution network in the field of wholesale business including presicription pharmaceutical products.	Involved in the development and stable supply of four biosimilars and has experience, know-how and human resources related to the development and manufacturing of biosimilars.	Owns extensive experience and experties in the reseach and development of biosimilars (therapeutic antibodies).	Posesses extensive experience and achievements for biosimilars as a CDMO, including the construction and operation of GMP-certified manufacturing facilities, and has established international standard manufacturing/quality control systems.

Conclusion of Agreements for Joint Development of Biosimilars

Advancing joint development of specific products based on Business Partnership Agreement / MOU on biosimilar development with Alfresa Holdings and Kidswell concluded in October 2025.

- After completion of the manufacturing facility through Ministry of Health, Labour and Welfare's "Support program for infrastructure improvement for biosimilars", we are planing to transfer the manufacturing of new biosimilars to the site. By collaborating with Mycenax, we will realize smooth transfer of technology, operation, and steady supply system at the site. Aiming to establish total supply chain covering all stages from new biosimilar development to manufacturing and supply.



Enhancing the IDD business

Business alliance agreement with Axcelead Drug Discovery Partners

Our drug discovery knowledge/Biologics technology
x
Axcelead DDP's wide range evaluation platform

➡ **Capture diverse needs of drug discovery organizations including pharmaceutical companies/bio-ventures, and deliver solutions for research challenges, contributing to strengthening drug discovery in Japan**

Exploration → Pre-clinical → IND application → Early phase clinical → POC → Late phase clinical → Regulatory application → Sales

Pharmaceutical companies/bio-ventures

Collaboration or undertaking projects related to drug discovery to promote antibody drug generation. The license rights related to intellectual property are held by partner companies.

CHIOME

Concept generation
Technology developoment

Drug Discovery Research

CMC

Pre-clinical

Clinical

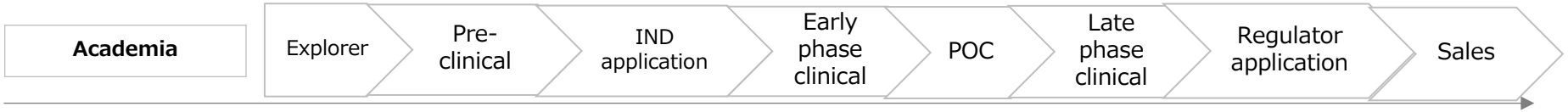
New

AXCELEAD Drug Discovery Partners

SRD

MYCENAX

IDD Development
Concept for Strengthening Consoritim-based Startup Incubation



Engage with high-potential startups from the seed stage

Collaboration with venture capitals (VCs)/financial institutions

molecules/new cleic acids, etc.

antibodies

AXCELEAD Drug Discovery Partners

Busuiness alliance

CHIOME

Partner companies of Axcelead DDP

MYCENAX

our partner companies

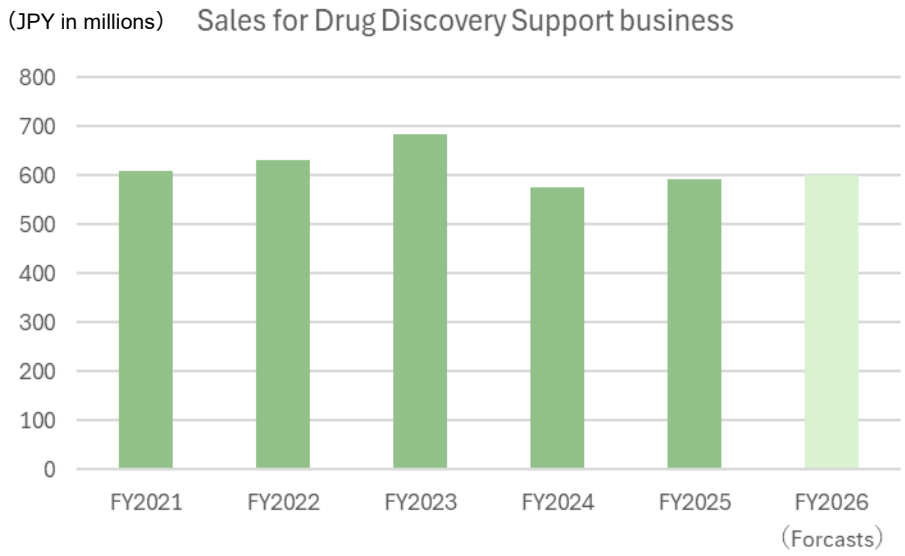
Launch a new company as an option for incubated projects

Collaborating with goverment-approved VCs and overseas VCs

Our role: Provide bio discovery/CMC development capabilities from a manufacturing perspective

Drug Discovery Support Business

- Net sales of ¥593 million in FY 2025, FY 2025 forecast net sales of ¥500 million, over 18.6% growth. Year-on-year increase in revenue and profit
- Factors contributing to revenue growth: Recorded revenue associated with a joint biosimilar development agreement with Alfresa Holdings

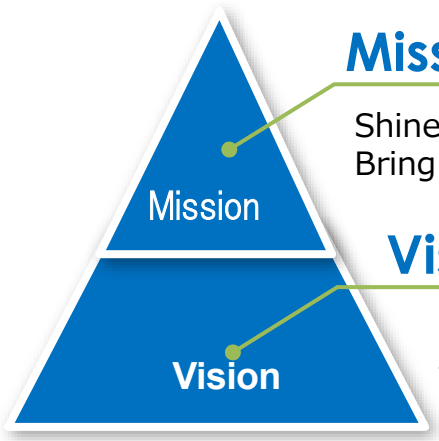


Major clients	Contract date
Chugai Pharmaceutical Co., Ltd.	Jun. 2011
Chugai Pharmabody Research Pte. Ltd	Aug. 2012
Mitsubishi Tanabe Pharma Co., Ltd.	Dec. 2016
Ono Pharmaceutical Co., Ltd.	Oct. 2018
Kyowa Kirin Co., Ltd.	Jul. 2019
Takeda Pharmaceutical Co., Ltd.	Feb. 2024
Sales collaboration	**Contract date**
Merck Ltd. (Japan)	Sep. 2024
FUJIFILM Wako Pure Chemical Corporation	Dec. 2024

Appendix. Corporate information

Corporate Overview

Biotech company dedicating to satisfy unmet medical needs



Mission

Shine light on unmet needs.
Bring a brighter future to patients.

Vision

Will become No. 1 biotech venture that discovers and develops antibody drugs for unmet medical needs

Management principle

- Place the highest priority on sound management and credibility and aim to become a corporation that grows with society.
- With creativity and science, develop therapeutic drugs for unmet medical needs, and contribute to the health of patients.
- Achieve successive product pipelines and improvement of corporate value through collaboration with external institutions.

■ Founded:
February 2005

■ Listed on the stock exchange:
Dec.2011
(Tokyo Stock Exchange Growth Section)

■ President and Chief Executive Officer:
Masamichi Koike, Ph.D.

■ Location :
<Head Office and Research Laboratories>
3-12-1Honmachi, Shibuya-ku, Tokyo
<Drug Discovery Laboratories>
2-13-3 Nogawahonchou, Miyamae-ku, Kawasaki-city, Kanagawa

■ Number of Employees :
64 (As of Dec. 31, 2025)

■ Business :
Chiome Bioscience (4583.T), is a public company leveraging a proprietary monoclonal antibody generating technology, for drug discovery and development, as well as providing drug discovery supports.

Business Segment

Drug Discovery and Development Business

This is business to obtain revenues such as upfront, milestone, and royalty payments relating to out-licensing of patents of pipeline product and drug candidates, and also, income from collaborative research.
It drives our future growth.

Drug Discovery Support Business

This is business to obtain revenues from antibody generation service by using platform technology that Chiome possesses to support drug discovery research at pharmaceutical companies, or for diagnostic and research purposes at academia or institutes on fee-for-service scheme.
It secures constant revenue stream.

Core Competencies that Support Our Business

Antibody drug discovery platform

Drug Discovery Research

Antibody Generation

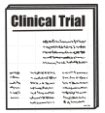
Anitibody Functional Alteration
Affinity Maturation

Multivalent antibody generation

Protein preparation

Clinical development

Clinical Development PM capabilities
Clincal Studies Operations



Non-clinical studies

BioCMC development
Manufacturing Drug Substance
Manufacturing Study Drugs

Patent strategy

Antibody drug development achievement

[Drug discovery Pipeline creation & out-licensing] [IND of clinical studies/Clinical development]
[Manufacturing drug substances/study drugs]

Our advantage

Discerning eye x operational capability (from research to clinical development in the fastest/most direct way) = Chiome's drug discovery capabilities

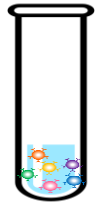
We operate an agile research and development structure, enabling effective investment decisions with minimal resources and labor costs, while pursuing maximum returns.

Core Technology for Antibody Generation

Antiobody generation technology

【ADLib® system】 Generate human antibodies in vitro without using living organism (animals)

- Obtain human-antibody in a short time
- Unlike animal based immunological method, immunology tolerance is not affected
- Utilizing automonous genetic diversification, it is possible to continue to producing high-affinity antibody maturation



ADLib®library

Multivalent antibody generation [technology to create lead antibodies through different combinations depending on various targets/binding methods

【Tribody®】 one molecule with three binding sites, enabling combining different functions

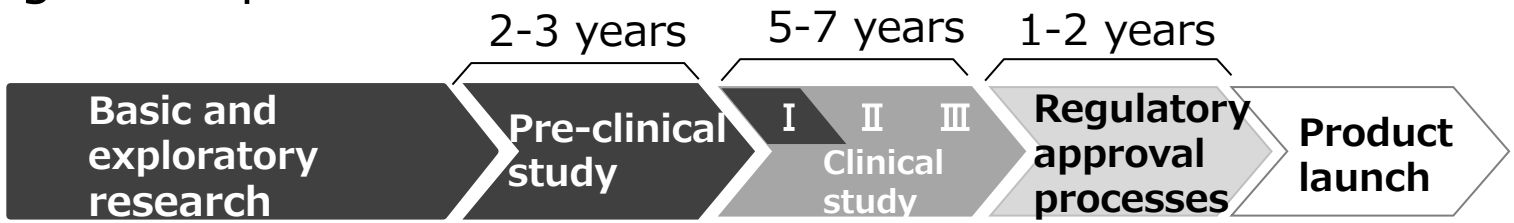
[Bispecific antibody generation technology(under the development)]

We are developing cell surface display technology for bispecific antibody generation that allows evaluating various samples in speedy manner applying ADLib® system

Technologythat enable to design antibodies which combine two different type targets freely.

Revenue model

Drug development flow vs our revenue models



License Type

Income from upfront payment of out-licensing drug candidates to pharmaceutical companies and collaborative research, milestone, royalty, etc.

Contract based model

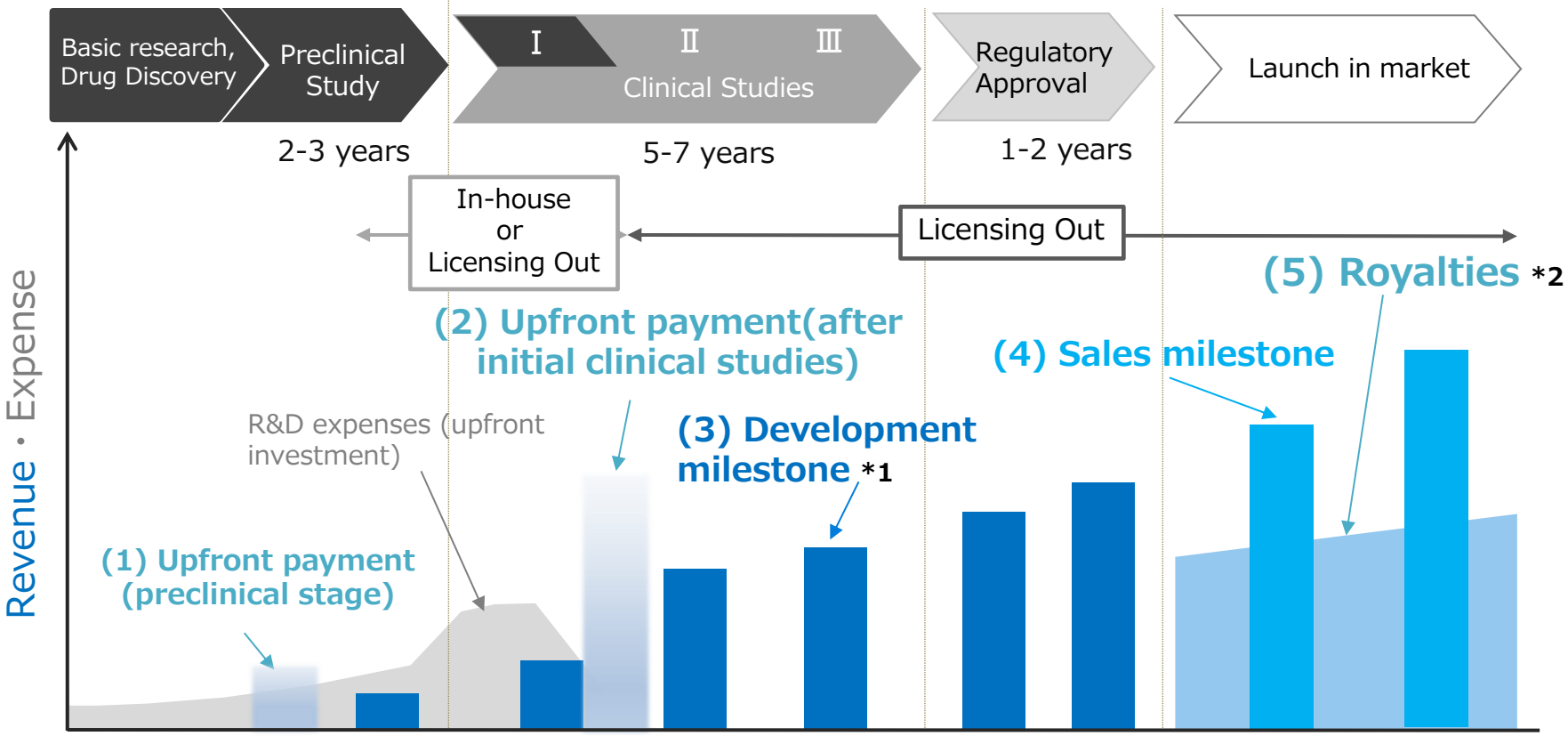
Income from contracted R&D works, consulting services and others

Offering services to research institutions, pharmaceutical companies, etc.

	License model	Contract-based model
Drug Discovery Business	○	
Drug Discovery Support Business		○
IDD Business	○	○

General Image of Revenue in the Drug Discovery Business

As the stage progresses, the amount received in each milestone increases.



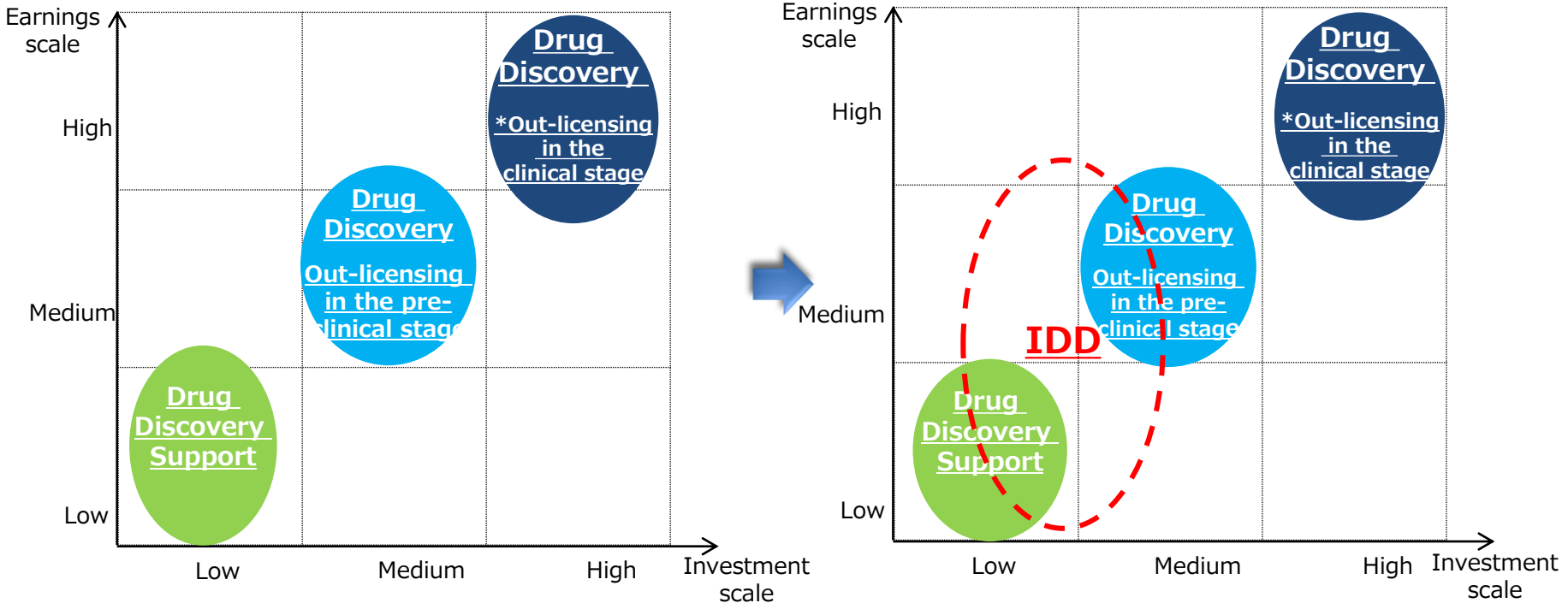
The above is the image of earnings to explain the Pharmaceutical Licensing Agreement. The actual agreements may vary in terms of the upfront payment, milestone stages and number/amounts of milestones, and royalty rate for each contract.

*1 Milestone: Income received by the licensee at each milestone after out-licensing through the progress of clinical studies and others.
*2 Royalty: Income received as a percentage of the sales amount after a product is sold (launched)

New Business: IDD

By launching IDD business, a platform-based initiative for antibody drug discovery and development, we aim to enhance profitability to stabilize our management base

Risk/Return of Drug Discovery Business/Drug Discovery Support Businesses

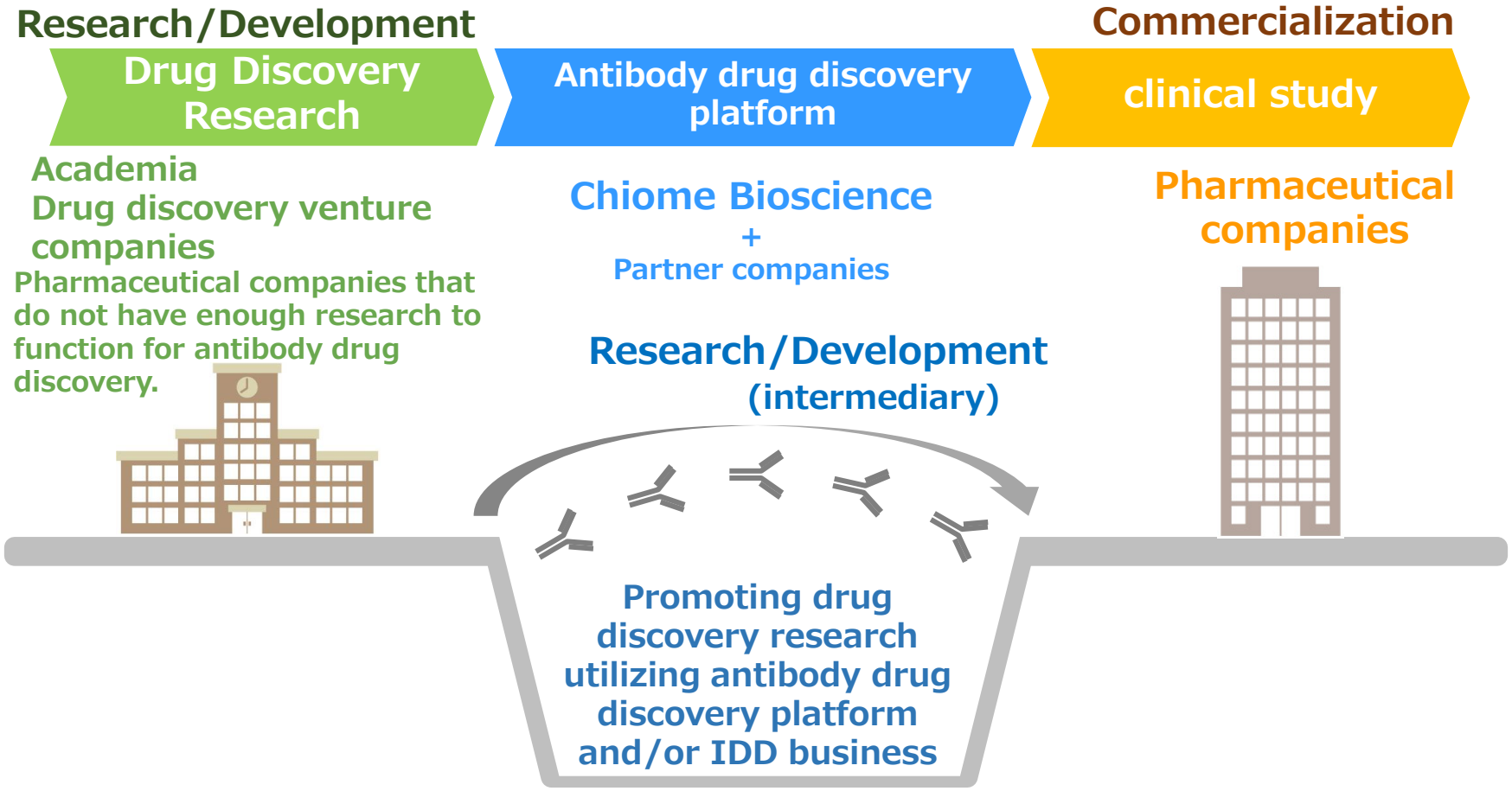


Drug Discovery Support	IDD NEW	Ddrug Discovery Projects
"High-value contract research business" offering antibody generation/engineering and protein preparations using our antibody generation and engineering platform.	A business offering solutions for various R&D needs from partner companies, including pharmaceutical companies, based on our knowledge, experience and technology, and advancing to collaborative antibody drug discovery to acquire milestone revenue.	In-house or collaborative antibody drug development, followed by licensing to companies including pharmaceutical companies for intellectual property rights (e.g. patent rights), generating revenue from upfront payments, milestone revenue, and royalties.

Appendix. Pipeline information

Our pipeline development strategy

- Leveraging our antibody discovery platform, generate therapeutic antibodies with Academia/drug discovery venture companies to own several drug discovery pipeline projects.
- For promissing seeds, promote either out-licensing to pharma companies or establishing new companies for commercialization



CBA-1205 -In-House Program-

First in class

CBA-1205 (Humanized afucosylated anti-DLK1 antibody)	
Origin	A humanized antibody generated by hybridoma technology in Livtech which Chiome acquired in 2015.
ADCC	GlymaxX (ProBioGen)
Therapeutic Area	Liver cancer, lung cancer, neuroblastoma etc.
Expectation	First-in-class therapeutic antibody targeting intractable cancers. Providing new therapeutics for highly malignant tumors that are without effective therapeutic drugs including hepatocellular carcinoma.
Patent	Granted in Japan, US, Europe, China etc.

Phase I clinical study

First part: Evaluate the safety in patients with solid cancers.

- **No serious adverse reaction reported.**
- **SD (stable disease) evaluation with tumor shrinkage has been continued in a Melanoma patient and the continuous dosing period has exceeded more than 4 years. Dosing is still ongoing.**

Second part: Evaluate the safety and efficacy in patients with solid tumors.

- **One PR(Partial Response) case confirmed in a patient with hepatocellular carcinoma.**
- **Advancing the melanoma cohort part**
- **Pediatric cancer cohort added**

CBA-1205 First Part of Phase 1 Study (Safety)

No toxicity of Grade 3 or higher were observed
High level of safety was confirmed

CBA-1205 Related Adverse Events

Adverse Events (AE)	Dose (mg/kg)							Total (n=22)
	0.1 (n=3)	0.3 (n=3)	1 (n=3)	3 (n=4)	10 (n=3)	20 (n=3)	30 (n=3)	
Patients with CBA-1205 Related AEs	1	0	2	3	1	3	3	13
Grade 1-2	1	0	2	3	1	3	3	13
≧ Grade 3	0	0	0	0	0	0	0	0
Dose Limiting Toxicity	0	0	0	0	0	0	0	0
Serious Adverse Events	0	0	0	0	0	0	0	0
Death	0	0	0	0	0	0	0	0
Treatment Discontinuation	0	0	0	0	0	0	0	0

(As of Dec. 31, 2025)

Only Grade 1 (mild) or Grade 2 (moderate) study drug related adverse events were reported at each dose. No Grade 3 (severe or medically significant but not immediately life-threatening) or higher serious toxicity findings were reported. No adverse reactions that would have stopped dosing were reported, and the high safety of CBA-1205 was confirmed.

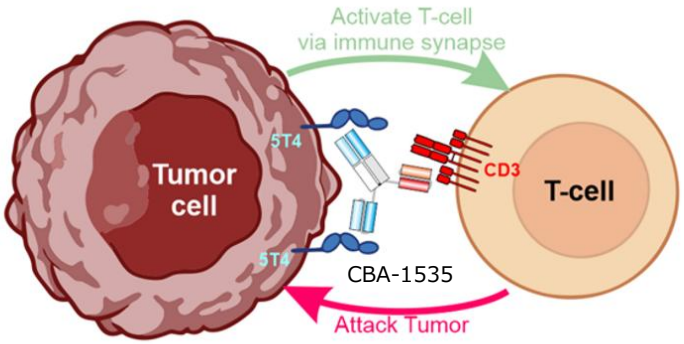
CBA-1535 -In-House Program-

CBA-1535（Humanized anti 5T4 & CD3 trispecific antibody)	
Origin	CBA-1535 is a T-cell engager, trispecific antibody, directed against the 5T4 tumor antigen, a protein found on various solid tumors and is thought to be involved in metastasis.
Therapeutic Area	Malignant mesothelioma, small cell lung cancer, non small cell lung cancer, TNBC etc.
Expectation	First-in-class therapeutic antibody with trispecific format Offer a new treatment option for a disease which has poor prognosis and where there are only a few effective treatments.
Patent	Granted in Japan, UK, US, EU China etc.

Phase I study: Dosing for patients has started in the first part for safety and initial drug efficacy evaluation.

Study sites: National Cancer Center Hospital

Shizuoka Cancer Center



PCDC -Licensing-

First in class

PCDC（humanized anti-CDCP1 antibody for antibody drug conjugate）

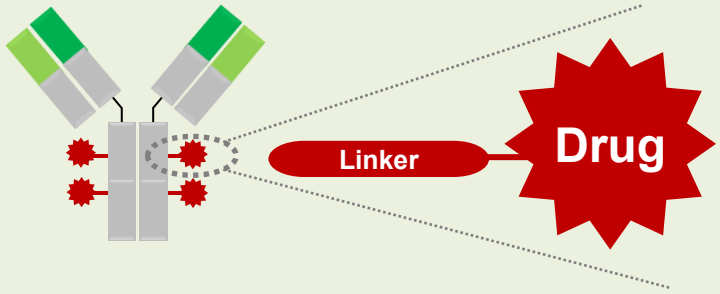
Origin	Humanized anti-CDCP1 antibody discovered by Chiome's proprietary antibody technologies.
Therapeutic Area	Solid tumors (lung, colorectal, pancreatic, breast, ovarian etc.)
Expectation	CDCP1 is a First-in-class therapeutic target highly expressed in broad range of solid tumors, including standard-of-care resistant cases. High efficacy and safety expected from binding and toxicological profiles of the antibody.
Patent	Granted in Japan, China. Pending in US, Europe etc.

- Promoting out-licensing activities, mainly in the field of ADC
- Progressing in contacting out-licensing candidate companies in Japan and abroad at conferences.

Out-licensing strategy/target

As the development needs for combining the ADC technology and our antibodies are in higher demand in out-licensing candidate companies, we will prioritize our out-licensing activities with companies with ADC technologies who need antibodies for ADC.

Antibody-Drug Conjugate Technology

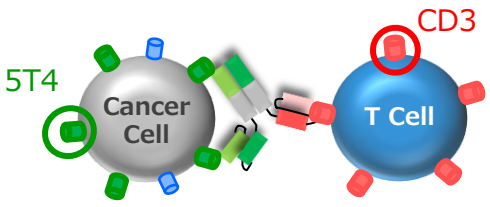


PTRY -Licensing-

PTRY（humanized antibody 5T4/CD3/PD-L1 multi-specific antibodies）
Target molecules：5T4×CD3×PD-L1

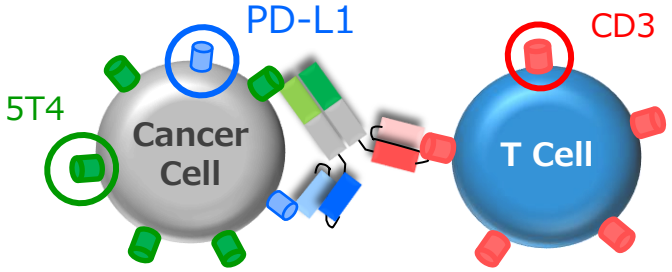
Origin	Therapeutic antibodies for cancer treatment using Tribody® technology consisting of three binding sites. Therapeutic antibodies for cancer treatment targeting antigen-binding sites 1) solid tumor expressing 5T4, 2) T-cell engager CD3, and 3) immune checkpoint inhibitor PD-L1.
Therapeutic Area	Malignant mesothelioma, small cell lung cancer, non-small cell lung cancer, Triple Negative Breast Cancer (TNBC) etc.
Expectation	A new study drug for patients who have not responded adequately to standard cancer immunotherapy. It is also expected to be useful in contributing to the healthcare economy by reducing drug prices.
Patent	Patent application completed

CBA-1535
(5T4×5T4×CD3)



The binding site for PD-L1 is introduced

PTRY
(5T4×CD3×PD-L1)



The results of the joint research with Ceinge Biotecnologie Avanzate（“Ceinge”）in Italy were published in the Journal of Experimental & Clinical Cancer Research, and Cancers.

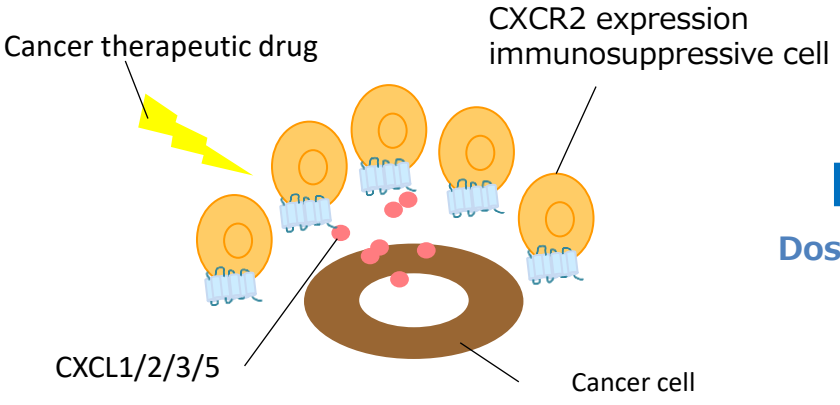
Passariello et al. (2022). Novel tri-specific tribodies induce strong T cell activation and anti-tumor effects in vitro and in vivo. *Journal of experimental & clinical cancer research : CR, 41*(1), 269.

Manna et al. (2023). A Comparison of the Antitumor Efficacy of Novel Multi-Specific Tribodies with Combinations of Approved Immunomodulatory Antibodies. *Cancers, 15*(22), 5345

PXLR -Licensing-

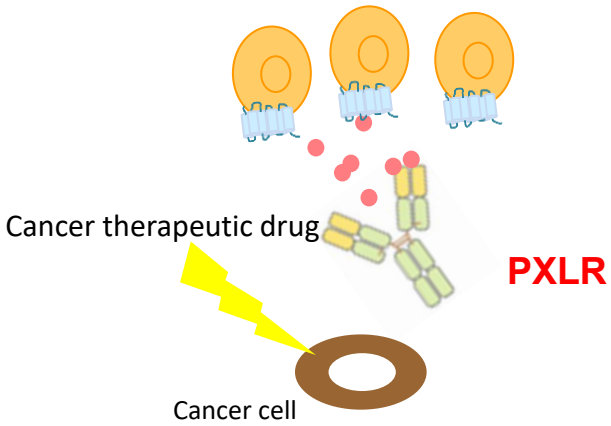
PXLR (humanized anti-CXCL1/2/3/5 antibody) Target molecules: CXCL1/2/3/5	
Origin	Functional inhibitory antibody for CXCL1/2/3/5, chemoattractant of CXCR2 expressing cell. Cancer therapeutic antibody that improves drug-resistant cancer microenvironment
Therapeutic area	Solid tumors (gastric, breast, ovarian etc.)
Expectation	Cancer cells express CXCL1/2/3/5 and attract immunosuppressor cells that cause the drug-resistant environment. Dosing PXLR antibody will reduce immunosuppressor cells. It is expected to overcome drug-resistance and inhibit the recurrence of cancers.
Patent	Patent application completed.
Joint development partner(s)	Osaka Metropolitan University

Drug resistant environment



Dosing PXLR

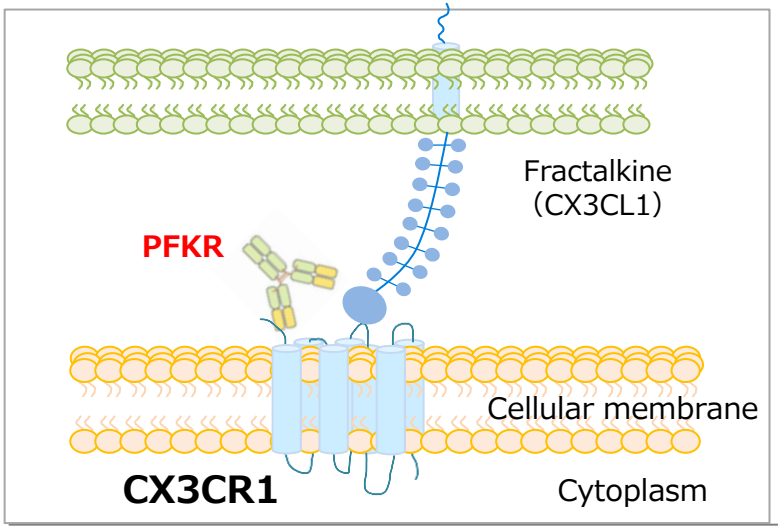
Weaking of drug-resistant environment



CXCL1/2/3/5 is a ligand of CXCR2, G-protein-coupled receptor (GPCR), and is involved in various tumorigenesis and formation processes. Cancer cells attract immunosuppressive cells with CXCL1/2/3/5 and create a drug-resistant environment. PXLR weakens drug resistant ability of cancer cells by binding to CXCL1/2/3/5.

PFKR -Out-Licensed Products-

PFKR (humanized anti-CX3CR1 antibody) target molecules: CX3CR1	
Orgin	Functional inhibitory antibody of Fractalkine (CX3CL1) receptor and a therapeutic antibody that inhibits disease progression of autoimmune neurological diseases, etc.
Therapeutic area	Secondary Progressive Multiple Sclerosis (SPMS), neurodegenerative disorder etc.
Expectation	SPMS is an intractable form of multiple sclerosis and is a disease with a need to develop high safety and effective therapeutic agents. By suppressing cytotoxic Eomes-positive CD4+T cells function which are considered directly related to lesions in SPMS (demyelination, neurodegeneration), expected to inhibit the progression of symptoms.
Patent	Patent application completed
Joint development partner(s)	National Center of Neurology and Psychiatry



CX3CR1 is a type of G protein-coupled receptor(GPCR), and its ligand, Fractalkine (CX3CL1), causes the migration of CX3CR1-expressing cells to inflammatory sites.

In cytotoxic Eomes positive CD4+T cells, which are considered directly related to lesions in SPMS (demyelination, neurodegeneration), CX3CR1 is expressed in many.

PFKR: Exclusive License Agreement with Asaki Kasei Pharma

- Exclusive license agreement with Asahi Kasei Pharma for our therapeutic antibody, —humanized anti-CX3CR1 antibody (project code: PFKR)—, on November 20, 2024
- Under the terms of the agreement, we grant Asahi Kasei Pharma worldwide license, with the right to grant sublicenses for the developement, manufacturing and commercialization of PFKR

PFKR

Exclusive developement, manufacturing and commercialization rights worldwide with sublicensing

→ AsahiKASEI ASAHI KASEI PHARMA

Financial terms

- ◆ Upfront payment: ¥200 million
- ◆ Receive milestone payments based on future development and sales progress (up to ¥24.8 billion)

+

- ◆ After product launch

Royalties based on product net sales

Shine light on unmet needs.
Bring a brighter future to patients.

To accelerate drug discovery and development of mAb for therapeutics to overcome current medical unmet-needs

Disclaimer

- 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.

- The Company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise.