



AnGes

FY2022 First Half Financial Results Briefing Meeting

— Leading Global in Gene Medicine —



August 2022

- ◆ **The performance forecasts and forward-looking statements in these materials are based on information currently available to the Company and include potential risks and uncertainties.**
- ◆ **These risks and uncertainties include changes in the economic environment surrounding the Company, progress with research and development, the approval of acquisitions by the regulatory authorities, and system changes and revisions to laws and regulations in countries around the world.**
- ◆ **Actual business performance and results may differ significantly from the described forecasts due to various factors.**

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About AnGes

VISION & MISSION

AnGes aims to become a global leader in genetic medicine.

We focus on research and development of the next-generation biopharmaceuticals such as genetic medicines and aim to achieve practical use of innovative drugs.

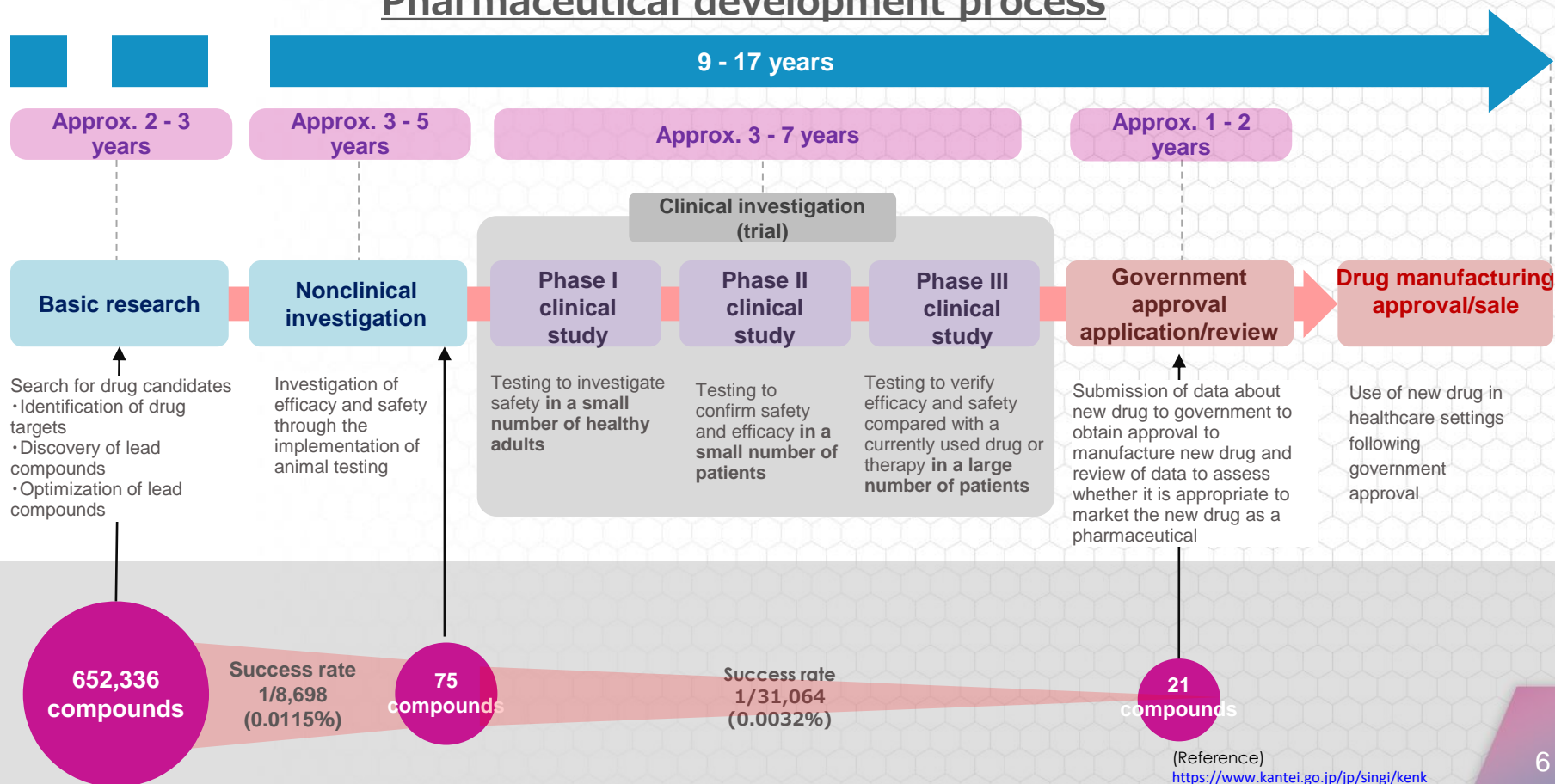
It is our mission to make a contribution to the improvement of people's Quality of Life (QOL) and medical standards through the development of innovative drugs. This is accomplished by utilizing advanced technology for the creation of next-generation biopharmaceuticals such as genetic medicines and therapeutic vaccines for **diseases that are intractable or rare, and for which no treatments available**. We are dedicated to **providing innovative drugs for patients as promptly as possible**.

New Drug Development Pathway

The success rate of new drug development is low and the degree of difficulty is extremely high!

The odds of a compound being launched as a new drug is approximately one in every 30000 shots (0.003%)

Pharmaceutical development process



(Reference)
<https://www.kantei.go.jp/jp/singi/kenkuiryou/iyakuhin/dai1/siryou2-5.pdf>

02

Summary of Financial Results for the First Half of FY2022

Highlights of Consolidated Results for the First Half of FY2022

Item (Million yen)	First half of FY2021	First half of FY2022	Increase/decrease
Business Profit	23	31	+8
Business Expenses	7,563	9,156	+1,592
Operating loss	-7,540	-9,124	-1,583
Non-operating income/expenses	+210	+1,704	+1,494
Ordinary loss	-7,330	-7,420	-89
Extraordinary income/losses	-105	-	+105
Loss	-7,450	-7,425	+24

Business revenues (+38.1% YoY)

Collatogene sales 3 million (compared with 23 million the previous year)
ACRL testing services 28 million (compared with - million the previous year)

Business expenses (+21.1% YoY)

Cost of sales 36 million (compared with 13 million the previous year)
Research and development expenses 6,617 million (compared with 4,961 the previous year)
· Increase in outsourcing expenses associated with manufacturing related services for the development of COVID-19 vaccines
· Decrease in research material expenses due to completion of administration in COVID-19 vaccine clinical trials
SG&A expenses 2,502 million (compared with 2,588 million the previous year)
· Goodwill amortization 1,348 million (compared with 1,180 million the previous year)
Impact of depreciation of yen despite amortization expense in dollar terms being unchanged from the previous year
Average USD JPY exchange rate: Current year: 123.15 JPY Previous year 107.82 JPY

Non-operating income/expenses

· AMED and Vasomune government subsidies +202 million
· Foreign exchange gains on the revaluation of foreign denominated assets associated with a weaker yen +1,489 million
(compared with 266 million the previous year)
End of June 2022: 1 USD = 136.69 JPY
End of December 2021: 1 USD = 115.02 JPY

Extraordinary income/Extraordinary losses

· No income or losses during the current period
(Previous year: Loss on valuation of investment securities -138 million, etc.)

Details of Business Expenses



Cost of sales: ¥36 million
 (+22 million, +165.9% YoY)
 Includes cost of optional screening service in addition to Collatogene
 Optional screening service is testing service at AnGes Clinical Research Laboratory and the cost structure is different from that of Collatogene.

R&D expenses: ¥6,617 million
 (+1,655 million, +133.4% YoY)
 (i) Research material expenses 884 million (-621 million YoY)
 Decrease in research material expenses due to completion of administration for COVID-19 clinical trials
 (ii) Outsourcing expenses 4,170 million (+2,125 million YoY)
 Increase in outsourcing expenses associated with manufacturing related services for COVID-19 vaccine development
 (iii) Payroll and allowances 501 million (+138 million YoY)
 Increase in personnel (researchers) at Emendo

Selling, general and administrative expenses: ¥2,502 million
 (-85 million, -3.3% YoY)
 (i) Commission expenses 958 million (+119 million YoY)
 Decrease in Emendo-related consulting expenses
 (iii) Goodwill amortization 1,348 million (+167 million YoY)
 Increase in amortization expense associated with a weaker yen (because goodwill denominated in dollars is translated into yen)

Consolidated Balance Sheet Highlights

Item (Million yen)	Dec. 31, 2021	June 30, 2022	Increase/decrease
Current assets	21,426	15,771	-5,654
Cash and deposits	17,899	13,211	-4,687
Non-current assets	24,029	26,821	+2,791
Goodwill	22,675	25,450	+2,775
Total assets	45,455	42,592	-2,862
Liabilities	6,821	8,079	+1,258
Net assets	38,634	34,513	-4,121

Current assets

- Year-on-year decrease associated with business expenditures
No new funds were raised.
Cash and deposits 13,211 million
- Decrease associated with the transfer of COVID-19 vaccine manufacturing-related expenses
Advance payments to suppliers 552 million (-1,161 million YoY)

Non-current assets

- Balance increase due to revaluation of 4,123 million associated with a weaker yen, which offset depreciation and amortization of -1,348 million due to 10 years amortization (accounted for as translation adjustment under net assets)
Balance of goodwill due to the acquisition of Emendo 25,450 million (+2,775 million YoY)

Liabilities

- Increase in AMED and MHLW subsidies for COVID-19 vaccine development
Advances received 5,764 million (+644 million YoY)
- Increase associated with recording of COVID-19 manufacturing-related expenses
Accounts payable - trade 1,524 million (+804 million YoY)

Net assets

- Decrease in retained earnings due to loss in the current period -19,861 million (-7,425 million YoY)
- Increase as a result of revaluation of goodwill associated with a weaker yen
Translation adjustment 5,220 million (+3,316 million YoY)

03

Development Pipeline: Topics

Status of Projects in the Clinical Development Stage

■ Products under development

Project	Area	Licensee/partner	Dosage form	Indications	Basic research	Preclinical study	Clinical investigation (trial)		Approval/revision	Conditional/time-limited approval	Sale	Post-marketing surveillance	Formal approval
							Phase I	Phase II					
HGF gene therapy product	Japan	Mitsubishi Tanabe Pharma	Injectable	Chronic arterial occlusive disease with lower limb ulcer						Approved	On Sales	On going	
Project	Area	Licensee/partner	Dosage form	Indications	Basic research	Preclinical study	Clinical investigation (trial)			Approval/revision	Approval		
							Phase I	Phase II	Phase III				
HGF gene therapy product	Japan	Mitsubishi Tanabe Pharma	Injectable	Chronic arterial occlusive disease with rest pain						Underway			
	United States	Mitsubishi Tanabe Pharma	Injectable	Arteriosclerosis obliterans with lower limb ulcer						P2b (on going)			
	Israel	Kamada	Injectable	Chronic arterial occlusive disease with lower limb ulcer								Preparig for application	
	Turkey	Er-Kim	Injectable	Chronic arterial occlusive disease with lower limb ulcer								Preparig for application	
NF-kB decoy oligonucleotide DNA	United States	—	Injectable	Chronic discogenic lumber back pain				Completed					
DNA vaccine	Australia	—	Injectable	Hypertension				Completed					
DNA vaccine	Inside and outside Japan	—	Injectable	COVID-19 / ADRS				Underway					
Tie-2 receptor agonists	United States	Vasomune	Injectable					Completed		P2b (on going)			

■ Licensed product

Project	Area	Licensor	Dosage form	Indications	Basic research	Nonclinical investigation	Clinical investigation (trial)			Approval/revision	Approval	
							Phase I	Phase II	Phase III			
Zokinvy (lonafarnib)	Japan	Eiger	Capsule	Progeria (HGPS·PL)							Application being prepared	NEW

Development Status of HGF Gene Therapy Product

What is HGF Gene Therapy Product?

What is **gene therapy**?

The therapy involves the injection of a specific gene into a patient's body. The gene will produce a protein that will work to treat a disease.

What is **HGF**?

HGF stimulates the growth of hepatic cells.

In Japan in 1984, a growth factor was discovered in the liver, the organ with the highest regeneration capacity.

The factor was named Hepatocyte Growth Factor (HGF). Subsequently, it was revealed that HGF plays a major role in the formation and regeneration of the body's organs and tissues, including blood vessels, lymph vessels, and nerves, in addition to the liver.

Discovery of HGF's ability to regenerate blood vessels

In 1995, a research team led by Osaka University's Ryuichi Morishita, M.D., Ph.D., discovered that HGF had angiogenic potential, which triggered the development of an HGF gene therapy drug. **The drug is a therapeutic agent with an unprecedented angiogenesis* ability for the treatment of ischemic disease that causes vessel clogging leading to poor blood circulation.**

*Angiogenesis means the new formation of blood vessels. Blood vessels regenerate through angiogenesis, the formation of new blood vessels.

Gene therapy drug for angiogenesis Collatogene[®], HGF Gene Therapy Product

AnGes successfully commercialized an HGF gene therapy Product based on plasmid DNA for the first time in the world in 2019.



Collatogene[®] Intramuscular Injection 4 mg

[Drug price]

611,478 yen/vial

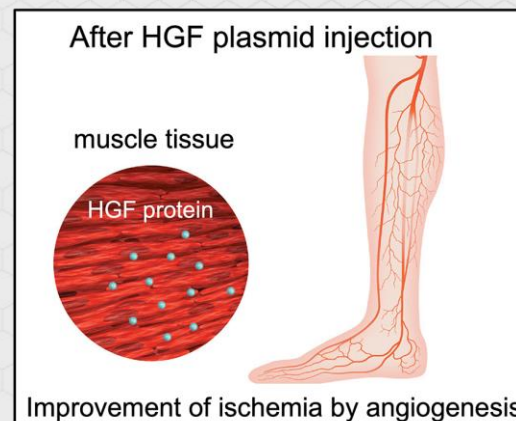
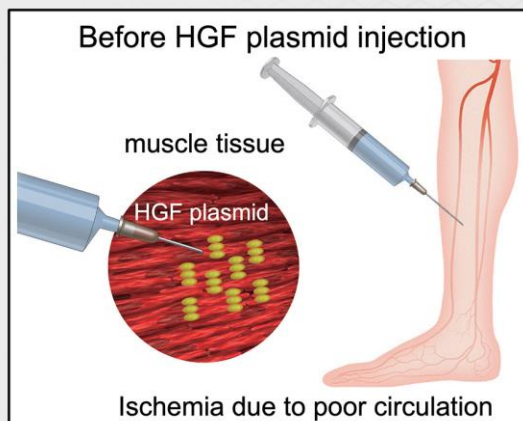
[Indication or performance]

Improvement of ulcers in chronic arterial occlusive diseases (obstructive arteriosclerosis and Buerger's disease)

[Dosage and administration or usage]

In usual cases, administer the drug at 0.5 mg per site by intramuscularly injecting it at eight sites of the ischemic parts of the affected limb of an adult patient at intervals of four week twice (2 sets of 4 mg per time).

Angiogenesis by an HGF Gene Therapy Product



Our HGF Gene Therapy Product is the First Product of Its Kind in Japan in One Way and the First Product of Its Kind in the World in Four Ways



1) Japan's first gene therapy product

Approval criteria of the following three organizations:
- Food and Drug Agency (FDA), USA
- European Medicines Agency (EMA)
- Ministry of Health, Labour and Welfare (MHLW), Japan

2) The world's first plasmid (DNA molecule) product

3) The world's first practical application of HGF

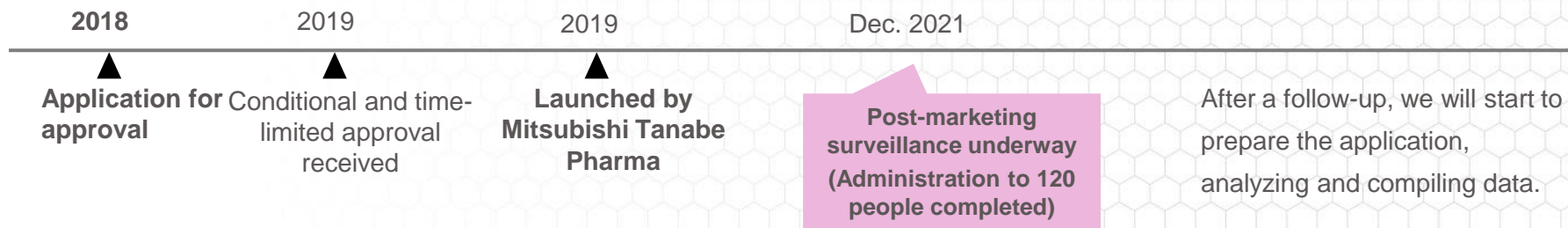
4) The world's first therapeutic product forming new peripheral vessels

5) The world's first therapeutic product in the field of cardiovascular medicine

The information above is as of March 2019 when we obtained a conditional and time-limited manufacture and sales approval.

Post-marketing surveillance underway for formal approval (administration to 120 patients completed as of December 2021)

Based on the results of post-marketing surveillance of 120 patients, we aim to acquire formal approval within five years (by 2024).



Applicable disease	Ulcers associated with chronic arterial occlusive diseases (The condition is that blood vessels are completely obstructed and blood flow is blocked, causing a shortage of nutrients and oxygen hindering the healing of even minor scars, and ischemic ulcers and necrosis occurs.)
Number of patients	800,000 patients with chronic arterial occlusive disease in Japan (source: IMS Health, survey materials)
Development status	Launched by Mitsubishi Tanabe Pharma on September 10, 2019. The goal is to receive formal approval within five years (by 2024) based on results of the post-marketing surveillance of 120 patients. (Administration to 120 patients completed as of December 2021)

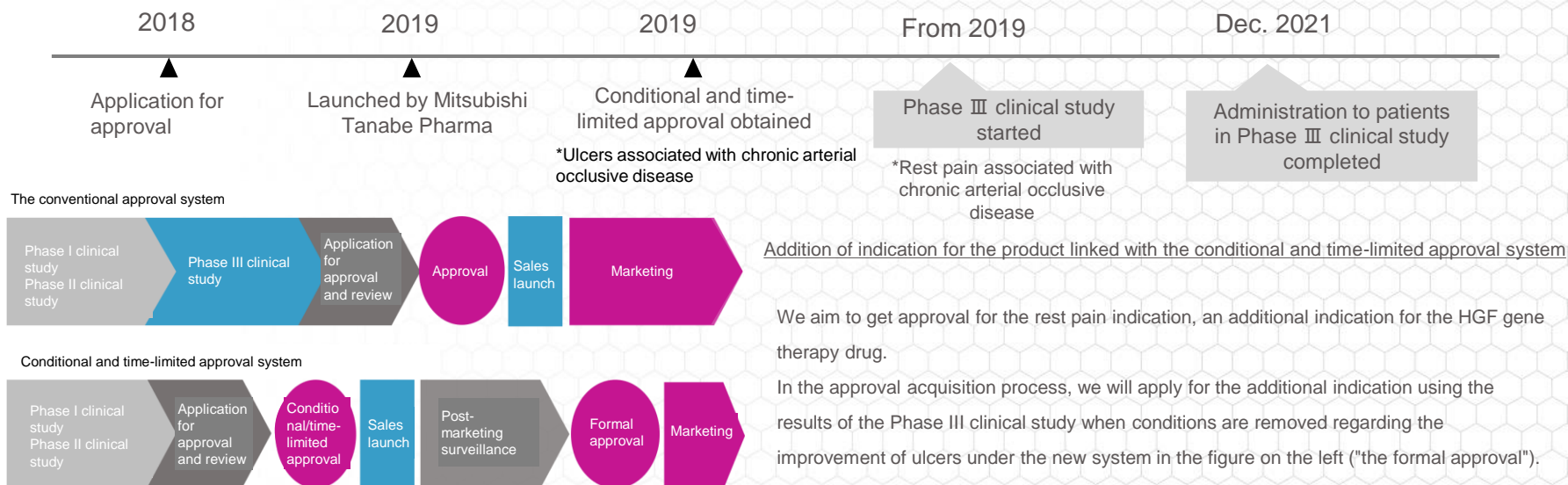
September 2019: Launched by Mitsubishi Tanabe Pharma

February 2019: Conditional and time-limited approval of the Working Group's Meeting on Regenerative Medicine and Biological Technology under the Pharmaceutical Affairs and Food Sanitation Council, Ministry of Health, Labour and Welfare

January 2018: Application for approval to manufacture and sell the drug submitted to the Ministry of Health, Labour and Welfare

2015: An exclusive domestic distribution rights licensing agreement for the product with the indication for peripheral vascular disease signed with Mitsubishi Tanabe Pharma.

Administration to patients in the Phase III clinical study completed for additional indication



Applicable disease	Rest pain associated with chronic arterial occlusive disease
Number of patients	800,000 patients with chronic arterial occlusive disease in Japan (source: IMS Health, survey materials)
Development status	Administration to patients in the Phase III clinical study completed (December 2021)

December 2021: Administration to patients in the Phase III clinical study completed

October 2019: Phase III clinical study involving around 40 patients over about two years commenced for formal approval.

2015: An exclusive domestic distribution rights licensing agreement for the product with the indication for peripheral vessel diseases signed with Mitsubishi Tanabe Pharma.

Late Phase II clinical study underway in the USA.



Applicable disease	Ulcers associated with chronic arterial occlusive diseases
Number of patients	Obstructive arteriosclerosis: 7,780,000 (USA) (Source: Foster Rosenblatt, survey materials)
Development status	Late Phase II clinical study underway in the USA (from February 2020)

2020: A basic agreement on the licensing-out (of exclusive distribution rights) for Turkey signed with Er-Kim.

Late Phase II study underway in the USA under the new guidelines (Global Vascular Guideline).

2019: A basic agreement on the licensing-out (of exclusive distribution rights) for Israel signed with Kamada

2012: An exclusive distribution rights licensing agreement in the USA for the product with the indication for peripheral vascular disease signed with Mitsubishi Tanabe Pharma.

Development Status of NF- κ B decoy oligonucleotide DNA

We are developing NF- κ B decoy oligonucleotide DNA for the treatment of intervertebral lumbago.

NF- κ B is the major transcription factor that is activated due to inflammatory and immune reactions in cells when external stimuli are present, such as oxidative stress from active oxygen, in the case of the activation of inflammation or immunity.

It has been pointed out that it will exacerbate allergic/immunological diseases such as atopic dermatitis and asthma if NF- κ B over-activates an inflammation-causing gene.

When a large amount of NF- κ B decoy is put in the body as a decoy, **it will inhibit binding between NF- κ B and the genetic transcriptional regulatory sequence that causes inflammation.**

Administration to patients in a Late Phase I clinical study completed in the USA Study results after follow-up published (safety and efficacy confirmed)



Applicable disease	Chronic discogenic lumbar back pain
Number of patients	5,770,000 (USA) (Source: https://hpi.georgetown.edu/backpain and Pain Med. 2015,16(8):1490-9)
Development status	Administration to 25 patients in the late Phase I clinical study completed in the USA (February 2020). Study results published (safety and efficacy confirmed).

April 2021: Results of the late Phase I clinical study (observation period: 12 months) published.

February 2021: Results of the late Phase I clinical study (observation period: 6 months) published.

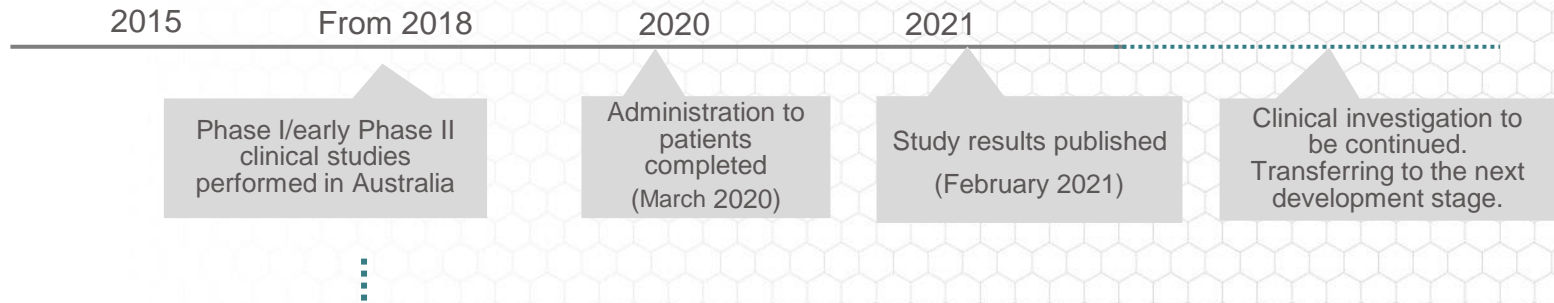
February 2020: Administration to 25 patients completed.

February 2018: Late Phase I clinical study started in the USA

Note: The global market size is large, including the USA

Development Status of DNA Vaccine for Hypertension

Administration to patients in Phase I/early Phase II clinical studies completed. Study results after follow-up published (no problem with safety).



Type of study	Placebo-controlled double blind randomized study
Target	24 patients with hypertension

Applicable disease	Hypertension
Number of patients	61,460,000 (USA) (Source: AHA (https://www.ahajournals.org/doi/epub/10.1161/CIR.0000000000000757))
Development status	Administration to patients in Phase I/early Phase II clinical studies completed (March 2020) Study results published (no serious adverse events, no problem with safety) Under preparation for the start of the next stage of clinical investigation.

February 2021: Results of Phase I/early Phase II clinical studies published.

March 2020: Administration to patients in Phase I/early Phase II clinical studies completed.

Safety and efficacy to be evaluated in a double-blind setting for about 6 months.

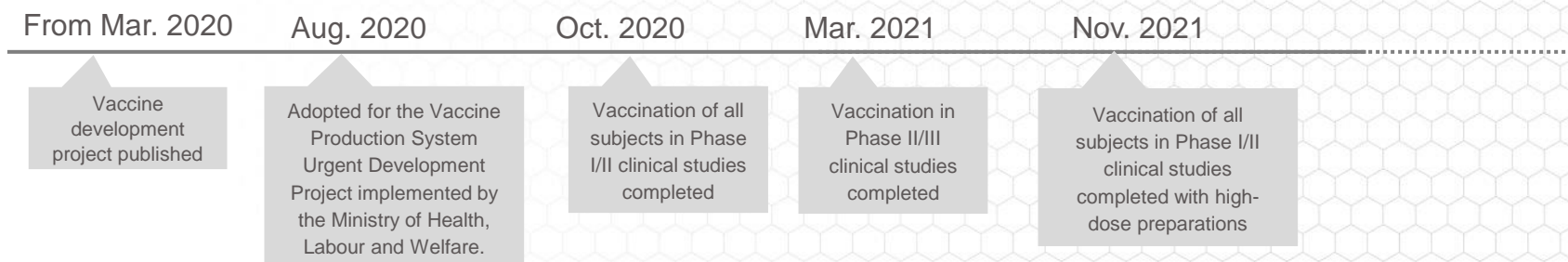
Then, long-term safety and efficacy in an open-label setting for about 6 months.

April 2018: Phase I/early Phase II clinical studies started in Australia.

Development Status of Covid-19 Coronavirus DNA Vaccine

Data from Phase I/II clinical studies under analysis with higher doses using high-dose preparations

Investigation (analysis) underway at overseas organizations since it is important to judge clinical trial results in accordance with international standards.



Applicable disease

COVID-19 Coronavirus

Development status

Vaccination of all subjects in Phase I/II clinical studies completed with high-dose preparations. **Data under analysis.**

November 2021: Vaccination of all subjects in Phase I/II clinical studies completed with high-dose preparations.

August 2021: Vaccination of all subjects in Phase I/II clinical studies started with high-dose preparations.

March 2021: Vaccination of all subjects in Phase II/III clinical studies completed

October 2020: Vaccination of all subjects in Phase I/II clinical studies completed

March 2020: Joint development of a prophylactic SARS-CoV-2 DNA vaccine with Osaka University commenced.

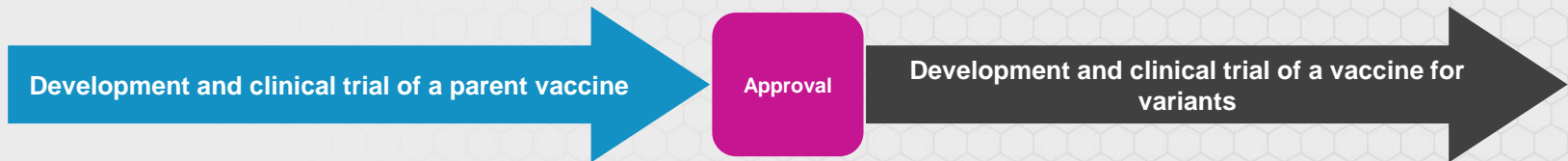
Development of the active pharmaceutical ingredient finished. Nonclinical investigation started.

Review Flow for Vaccines to Protect Against Covid-19 Variants

Guidelines published by the PMDA

The review process for vaccines to protect against Covid-19 variants follows the guidelines for the evaluation of vaccines against Covid-19 variants published by the PMDA.

Review flow for vaccines to protect against Covid-19 variants



- 1) Obtain approval in Japan for a vaccine that protects against Covid-19 (parent vaccine).
- 2) Prepare to apply for approval of vaccines for Covid-19 variants after the parent vaccine is approved.

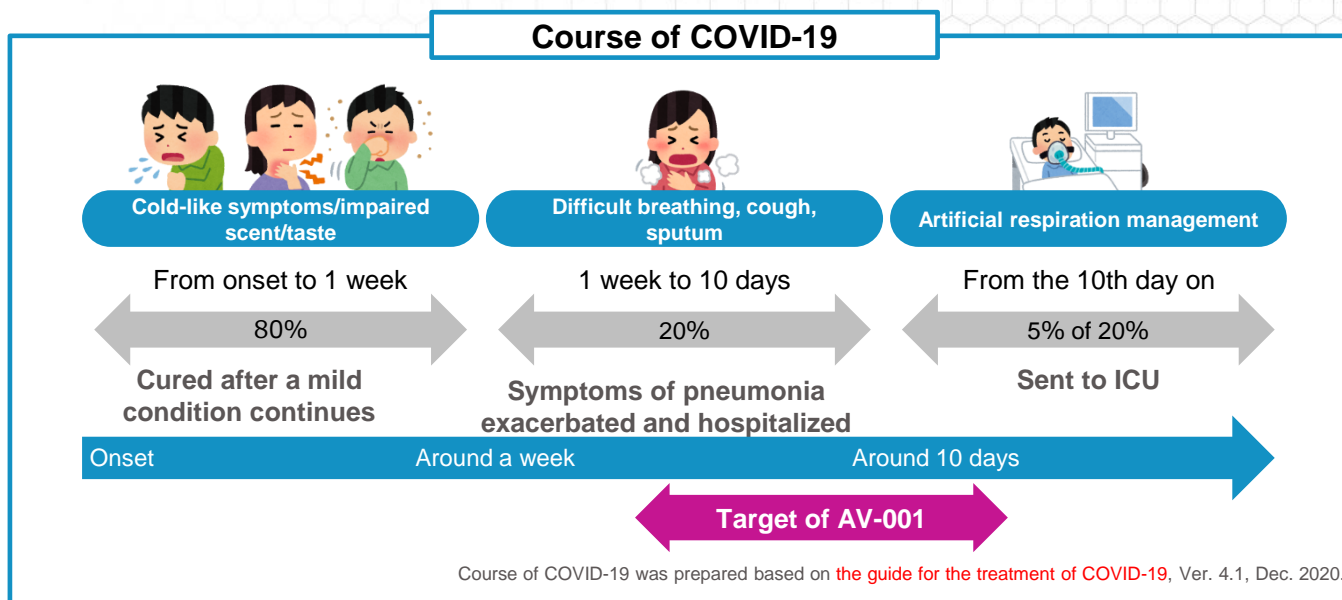
For more information, see the materials prepared by the PMDA.
Supplement 1 to the perspective regarding the evaluation of vaccines to protect against Covid-19 coronavirus : Evaluation of vaccines that protect against variants
<https://www.pmda.go.jp/files/000240283.pdf>

Tie-2 (Tyrosine Kinase) Receptor Agonist(AV-001)

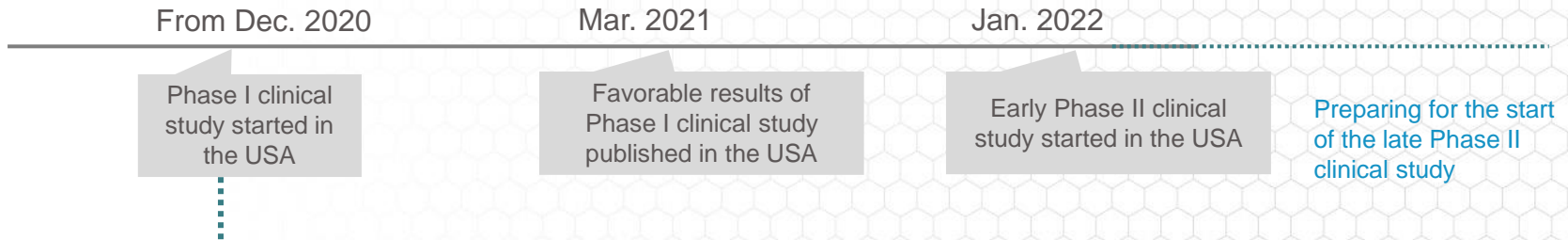
What is Tie-2 (Tyrosine Kinase) Receptor agonist?

We are **jointly developing** AV-001 with **Vasomune**, a Canadian bio-pharmaceutical company. Originally, the joint development commenced globally in 2018 as a pharmaceutical for acute respiratory failure arising from the insufficiency of blood vessels.

We started clinical investigation with the drug as **a therapy for pneumonia associated with moderate to severe COVID-19** in the USA in 2020.



Early Phase II clinical study underway



Type of study	Placebo-controlled double blind study
Target	Healthy adults

Applicable disease	Acute respiratory distress syndrome associated with COVID-19
Number of patients	Acute respiratory distress syndrome: 260,000 (USA) (Source: Am J Resp Crit Care Med, Volume 195 Number 7)
Development status	AV-001, Tie-2 receptor agonist compound (drug for treating COVID-19) Early Phase II clinical study underway in the USA

March 2021: Favorable results of the Phase I clinical study with the drug for treating COVID-19 AV-001 published in the USA.

Vasomune obtained a subsidy from the Canadian government for development of AV-001, the drug for treating COVID-19

December 2020: Phase I clinical study with the drug for treating COVID-19 AV-001 started in the USA.

Safety and tolerability of AV-001 confirmed in the Phase I clinical study.

July 2018: Joint development of AV-001 with Vasomune Therapeutics (Canada) started.

Target diseases: Diseases caused by insufficiency of blood vessels, such as acute respiratory failure

Zokinvy[®],
a Drug for Treating Rare Diseases
(Lonafarnib)

Wednesday, May 11, 2022

We announced that **we concluded a sales agreement for Zokinvy, a drug for treating rare diseases, with Eiger BioPharmaceuticals Inc.**

You can find the news release on our website.

https://www.anges.co.jp/pdf_news/public/JJMxX06VGzBlyaSSDiXWYZ9eBf3zbz83.pdf

About Zokinvy®

Applicable disease

Indications are **Hutchinson-Gilford progeria syndrome (HGPS, a.k.a. progeria) and progeroid laminopathy (PL)**.

*Progeria: A generic term for diseases showing signs of aging in the entire body more rapidly than the person's actual age.

The term progeria mainly consists of "pro" meaning early and "gest" meaning aging because aging advances more rapidly than is natural.

Efficacy and safety of Zokinvy

*Based on data from a survey in the USA

◆ Efficacy

Certain data shows Zokinvy reduced mortality 60% and extended the average survival period 2.5 years in patients with Hutchinson-Gilford progeria syndrome (HGPS).

◆ Safety

Many progeria patients have continued to use Zokinvy for over ten years. **Reported side effects include vomiting, diarrhea and nausea. The severity is mild or moderate in most cases.**

Why did AnGes launch the Zokinvy initiative?

Our business aims to contribute to the betterment of people's standard of living and healthcare through the development of innovative pharmaceuticals for diseases for which there are no remedies, intractable diseases and rare diseases, so we deliver world-class innovative medicines to patients as quickly as possible. Zokinvy is the product suitable for our business goals.

AnGes Clinical Research Laboratory (ACRL)

AnGes Clinical Research Laboratory (ACRL)

They are a health laboratory whose main purpose is to perform testing for rare genetic diseases

Rare genetic diseases

- Ultra-rare diseases with very small number of patients (e.g., phenylketonuria, mucopolysaccharidosis, duchenne muscular dystrophy)
- It is important to start treatment in the early stages after onset and ideally before onset.

AnGes Clinical Research Laboratory



We have been contracted to provide testing services for optional screening, fee-based testing provided by the Clinical & Research Association for Rare, Intractable Diseases (CRARID) for people who wish to be tested.

- Established in April 2021
- Optional screening started in cooperation with CRARID. (July 2021)
- Today, about 10,000 tests are performed per year.
- We will enhance tests to test for more diseases and increase the number of test labs in the future.

Tests for newborns

Mass screening

- Provided free to all babies born in Japan (e.g., phenylketonuria, congenital hypothyroidism)

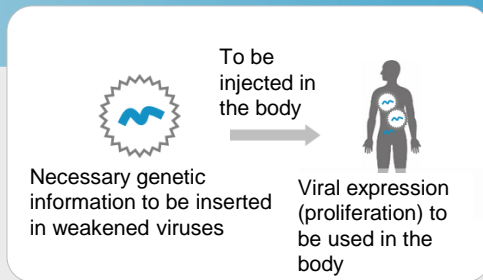
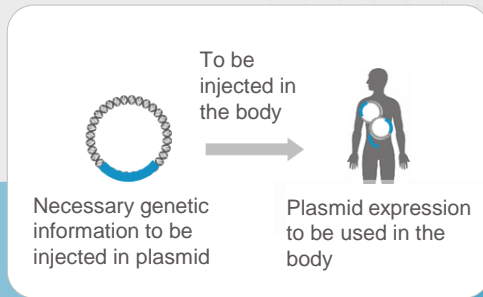
Fee-based additional tests

- Fee-based tests provided to applicants
- Diseases excluded from mass screening (e.g., Pompe disease, mucopolysaccharidosis)

Genome Editing Development Status at EmendoBio

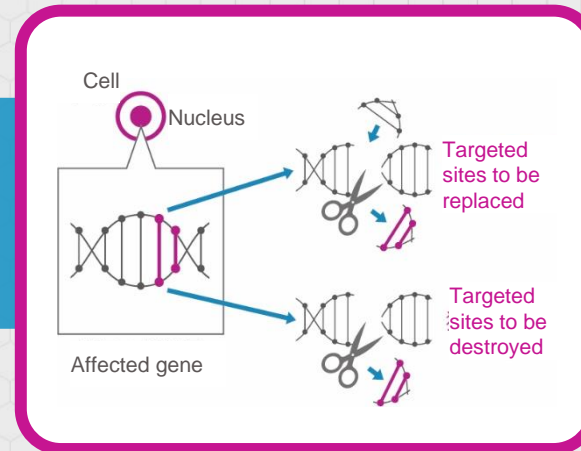
The Stage Following Gene Therapy

Plasmid DNA



Viral vector

Genome Editing



Genome editing is the ultimate gene therapy

What is Genome Editing?

The technology uses nuclease, the enzyme for cleaving DNA that selectively cuts off specific base sequences (target sequences).

★ CRISPR/Cas9

(Clustered Regularly Interspaced Short Palindromic Repeats/CRISPR-Associated Proteins 9)

In 2012, an innovative technology was developed for cleaving target DNA sequences more quickly and easily than the conventional technologies.

1) Read a base sequence.

A	T	G	C	T	T	A	A	G	C	T
T	A	C	G	A	A	T	T	C	G	A

2) Identify a specific site.



3) Cut off a specific part at a place where nuclease is guided

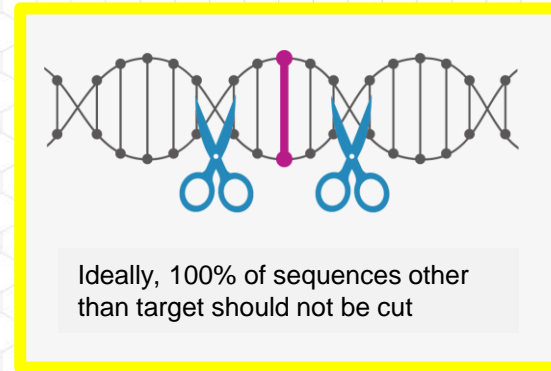
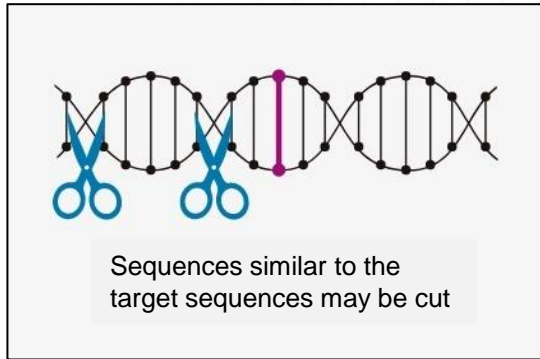
Nuclease
(Enzymes)



Genome editing won the Nobel Prize in Chemistry in 2020.

The technology is attracting global attention, and is expected to be applied in humans.

emendo^{bio} For the Avoidance of Off-target Effects



It is important to avoid off-target effects

To mitigate off-target effects:

- Search for any sequences similar to target sequences in genomes.
- Avoid target sequences if there are similar ones. Look for other target sequences.

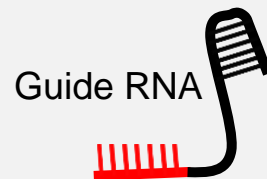
"Off-target effects" was a concern for conventional technologies. Emendo, however, aims to establish highly safe genome editing and apply the technology in healthcare using an improved nuclease.

OMNI nuclease

1) Read a base sequence.

```
ATGCTTAAGCT
TACGAATTCGA
```

2) Identify a specific site.



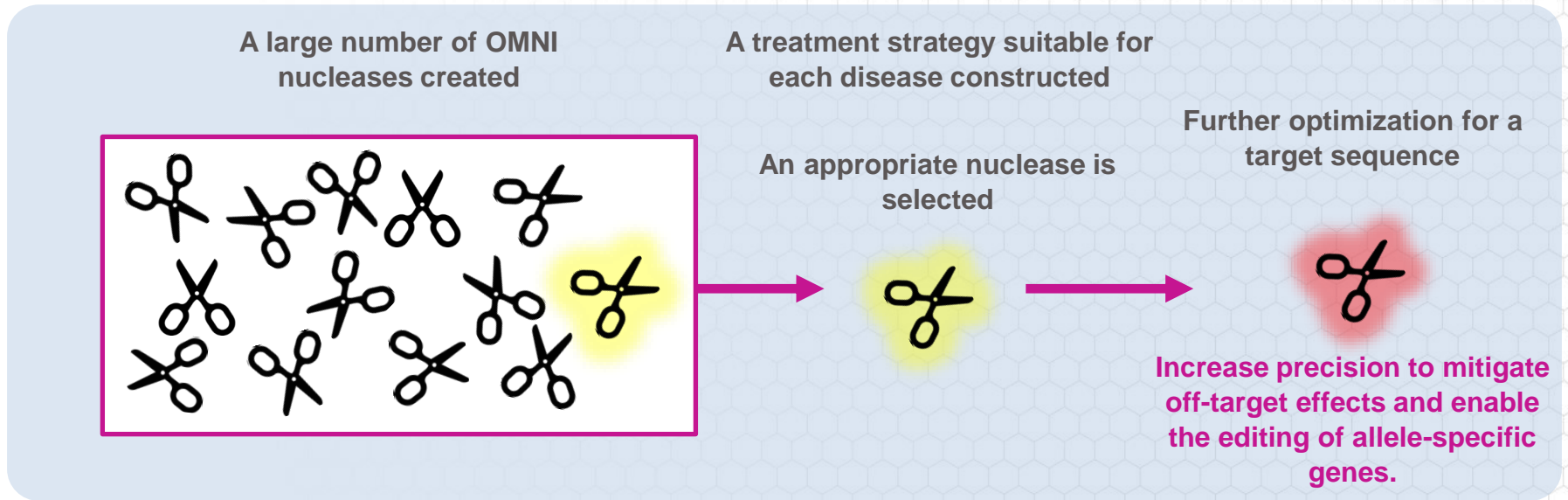
3) Cut off a specific site **with higher precision** at a place the nuclease is guided to.

The original nuclease (enzyme)



Original search technology
(development platform) established

Mitigation of off-target effects enabled

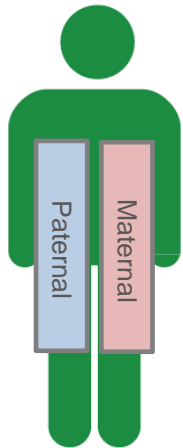


Establishment of the OMNI Platform

Emendo creates a large number of OMNI nucleases with new characteristics, selects the appropriate nucleases from many OMNI nucleases, and optimizes them for the target sequences. They are developing safe and effective remedies, exploring new nucleases and using optimization technology.

Basically, a human has a pair of genes with the same base sequence.

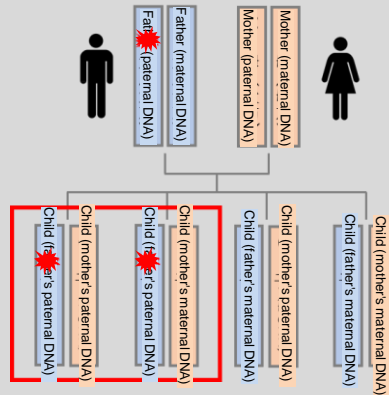
Allele (allelic gene)



Having a pair of genes with the same base sequence

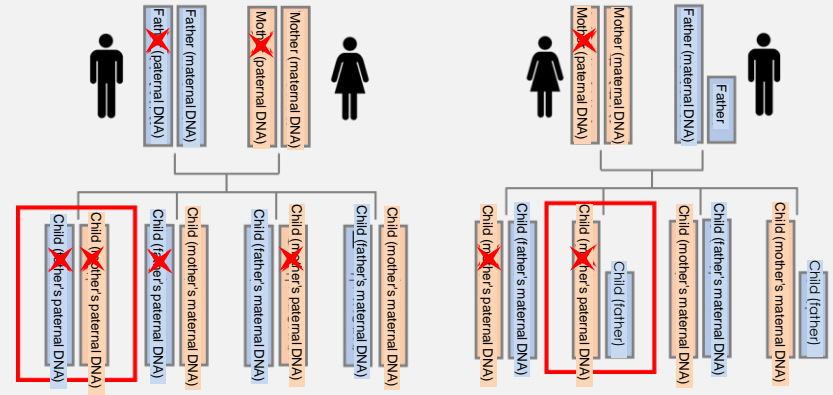
Genetic disease

An abnormal gene acts, developing a disease.



- **Prepotency (dominant inheritance)**
Genetic disease occurring either party of a pair
(gain-of-function mutation/haploinsufficiency)

The lack of a necessary gene develops a disease

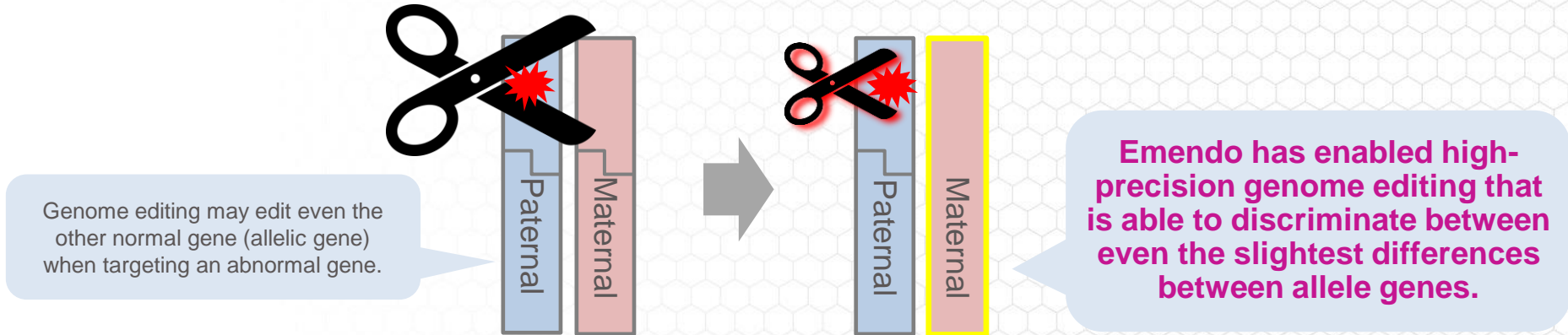


- **Recessive inheritance**
Genetic disease occurring in a pair
(complex heterozygote/homozygote)

- **Sex-linked inheritance**
Genetic diseases with pathogenesis that differs by sex

Genetic diseases can occur if both paternal and maternal genes are abnormal or either the paternal or maternal gene is abnormal.

Allele-specific gene editing means **editing selectively targeted abnormal genes** without damaging the other allelic genes.



Emendo will first realize the treatment of many different **dominantly inherited diseases** where there is an abnormality in either of the genes by optimizing their original nuclease to have precision that is high enough to enable safe and effective gene editing. It will expand the scope of application of genome editing in treatments.

We will perform a clinical investigation for **ELANE-related severe congenital neutropenia (SCN)**, using Emendo's technology (**OMNI Platform**) to create a new genome editing tool.

[Applicable Disease]

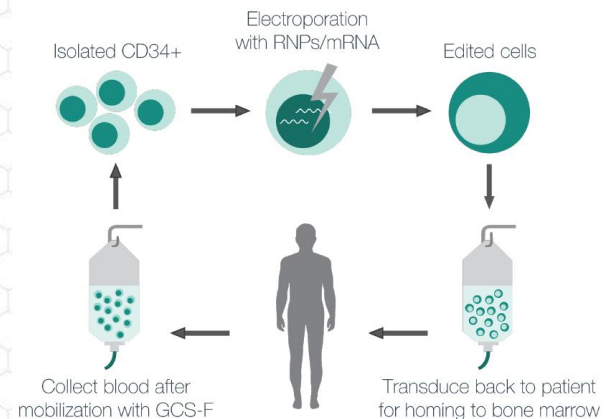
- ELANE (Elastase, Neutrophil Expressed)-related severe congenital neutropenia (SCN)

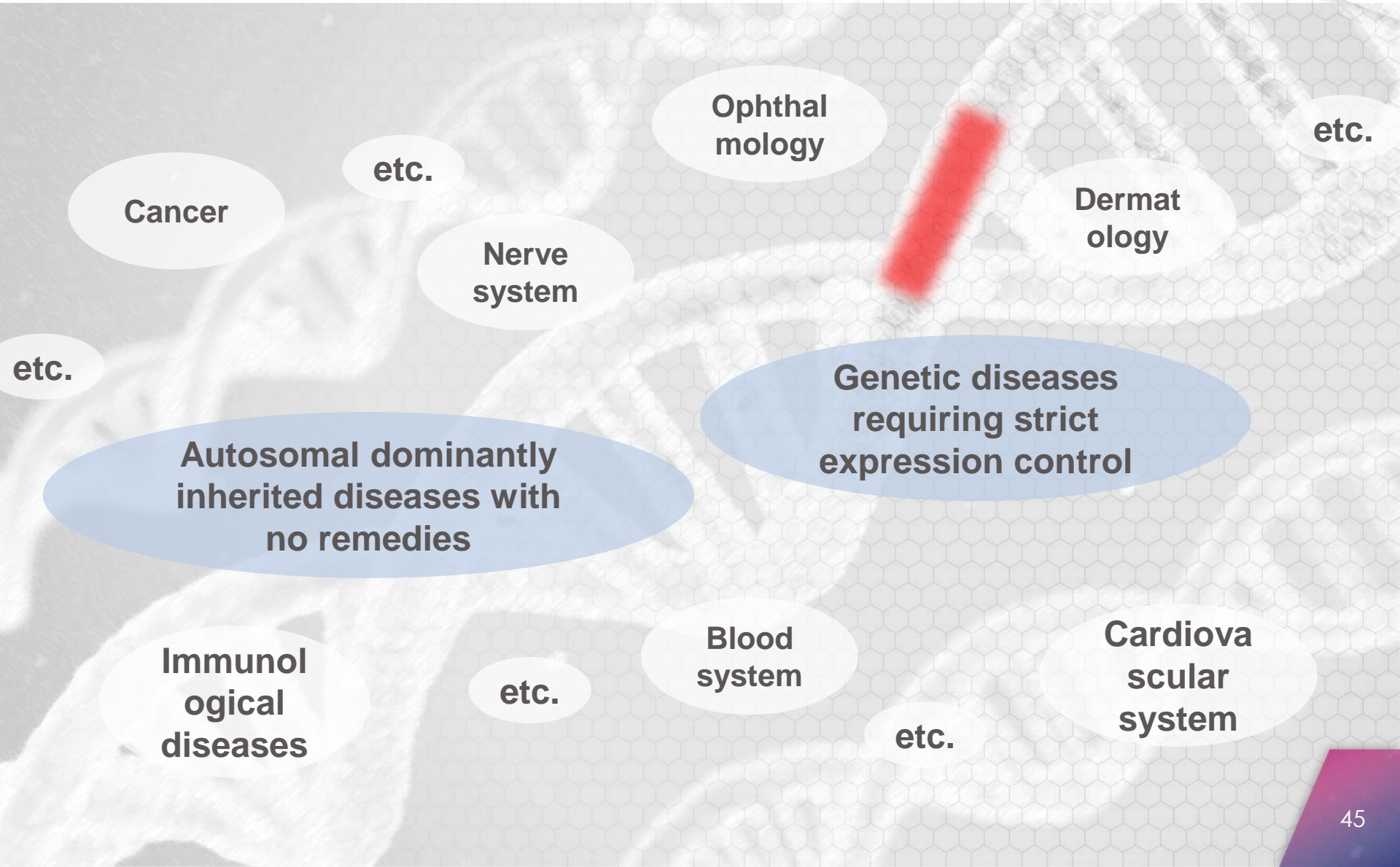
*Neutropenia stems from a maturation defect of granulocytic series cells in bone marrow. It can result in developing tympanitis, respiratory tract infections, cellulitis, and skin infections repeatedly and occasionally sepsis.

NEW

In June 2022, they published their thesis that had been published in the journal of the world's largest group of gene and cellular therapy researchers on their website.

They have confirmed that they differentiated blood-forming stem cells into neutrophils when they precisely identified abnormal genes with almost the same sequence and destroyed them accurately without damaging normal genes.





Cancer

etc.

Ophthalmology

etc.

Dermatology

Nerve system

etc.

Autosomal dominantly inherited diseases with no remedies

Genetic diseases requiring strict expression control

Immunological diseases

etc.

Blood system

etc.

Cardiovascular system

Leading Global in Gene Medicine



AnGes's website
<https://www.anges.co.jp/en/>