HANSA BIOPHARMA

Corporate Presentation

Oct 2024

Forward-looking statements

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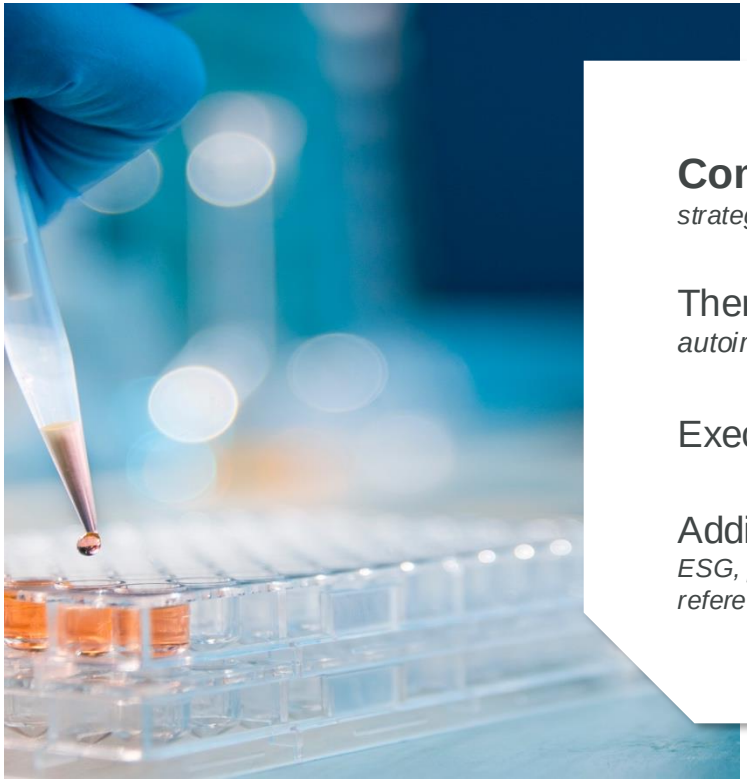


Company Overview slides 3 – 11
strategy, science, pipeline

Therapy Areas slides 12 - 26
autoimmune, gene therapy, transplantation

Executive Summary slide 28

Additional Resources slides 29 - 36
ESG, patents, ownership, leadership, references

Hansa Biopharma – a commercial stage biotech delivering new medicines for rare immunological diseases

SCIENTIFIC INNOVATION

- Proprietary immunomodulating technology platform
- Seven clinical trials in autoimmune, gene therapy, transplantation
- Expansive indication universe in rare / ultra rare disease

COMMERCIAL STAGE

- First and only treatment approved for desensitization in kidney transplantation
- Utilization in major EU markets and
- US BLA submission in 2025

LONG-TERM POTENTIAL

- Backed by leading specialist investors - financing into 2026
- Strong IP protections through 2041
- Diverse, engaged culture with 30+ different nationalities
- HQ in Lund, Sweden

ADVANCE the science

- Broaden imlifidase label beyond kidney transplantation
- Develop next generation IgG enzyme for redosing
- Expand technology platform and pipeline into autoimmune & gene therapy

DELIVER commercial growth

- Successfully launch IDEFIRIX (imlifidase) in Europe
- Secure US approval and launch
- Seek partnerships to accelerate growth & reduce risk

BUILD the organization

- Build a focused, agile and empowered global organization
- Expand geographically
- Deliver priorities within the context of Sustainability

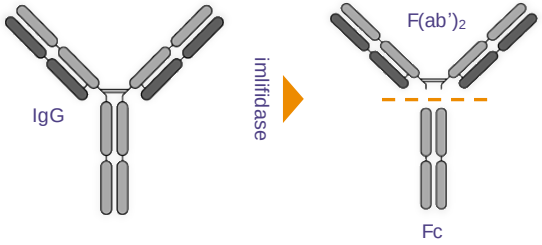
Imlifidase is an innovative, first in class molecule with a proven approach to inactivate IgG

Originates from a bacteria
Streptococcus pyogenes known from causing a strep throat infection[1]

IgG antibody-cleaving enzyme
Interacts with Fc-part of IgG with extremely high specificity

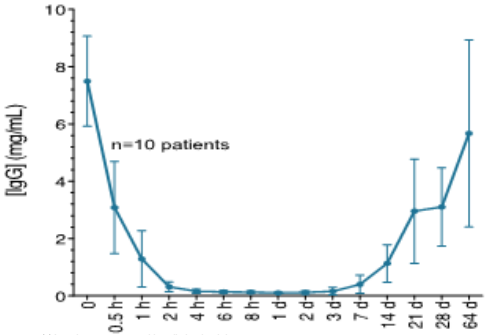
Inactivates IgG in 2-6 hours
Rapid onset of action that inactivates IgG below detectable level in 2-6 hours

Unique MOA cleaves IgG, creating an IgG free window for approximately one week



*The 5-year data is a continuation of the analysis at 3-years of crossmatch positive patients published in the *American Journal of Transplantation*

Inactivates IgG in 2-6 hours creating an IgG free window**[2,3]



**As demonstrated in clinical trials

First & only treatment approved for desensitization of highly sensitized patients[1,4,5]

Conditional EU Approval*
in kidney transplantation IDEFIRIX®

75%
access in the EU transplant market

2024/2025
US trial fully randomized (2024); planned US BLA filing (2H 2025)

*IDEFIRIX approved in EEA under conditional approval for kidney transplantation

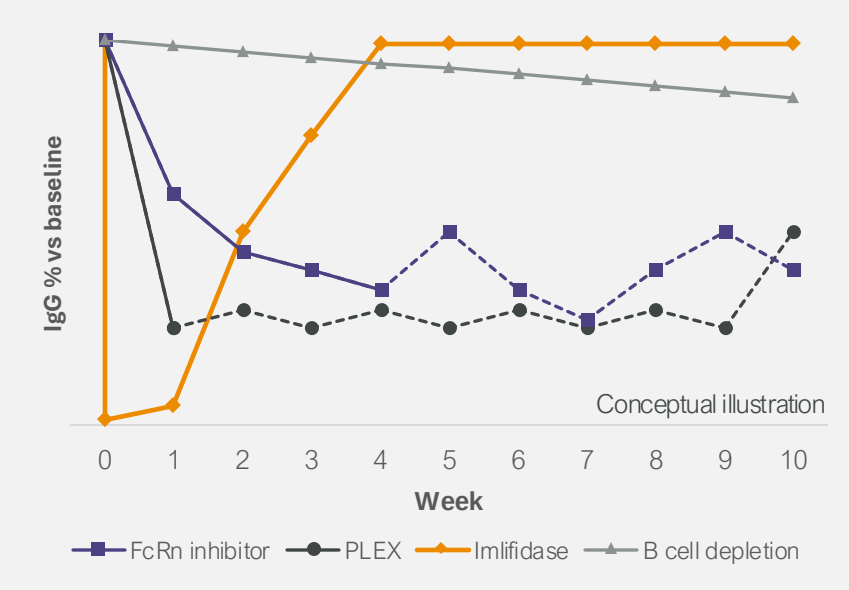
7 clinical trials in 9 indications across key therapy areas

Autoimmune | Gene Therapy | Transplantation

IgG cleaving enzymes uniquely positioned through rapid onset of effect and therapeutic reach

Comparison of established therapies to significantly reduce IgG levels within a few weeks

IgG cleaving enzymes provide unmatched speed of antibody decrease



IgG cleaving enzymes cleave antibodies across all domains

IgG lowering modalities	Intravascular IgG	Extravascular IgG	Cell bound IgG
Imlifidase	✓	✓	✓
FcRn inhibitor	✓	-	✗
PLEX	✓	✗	✗

The speed and reach of IgG cleavage puts Hansa's enzymes in a unique position

IgG levels in FcRn inhibition and PLEX depend on the frequency of treatment

B cell depletion potentially has a faster and larger effect on autoantibodies, as compared to total IgG

PLEX = plasma exchange

HNSA-5487 is a next generation molecule that can very rapidly and robustly reduce IgG with clear redosing potential

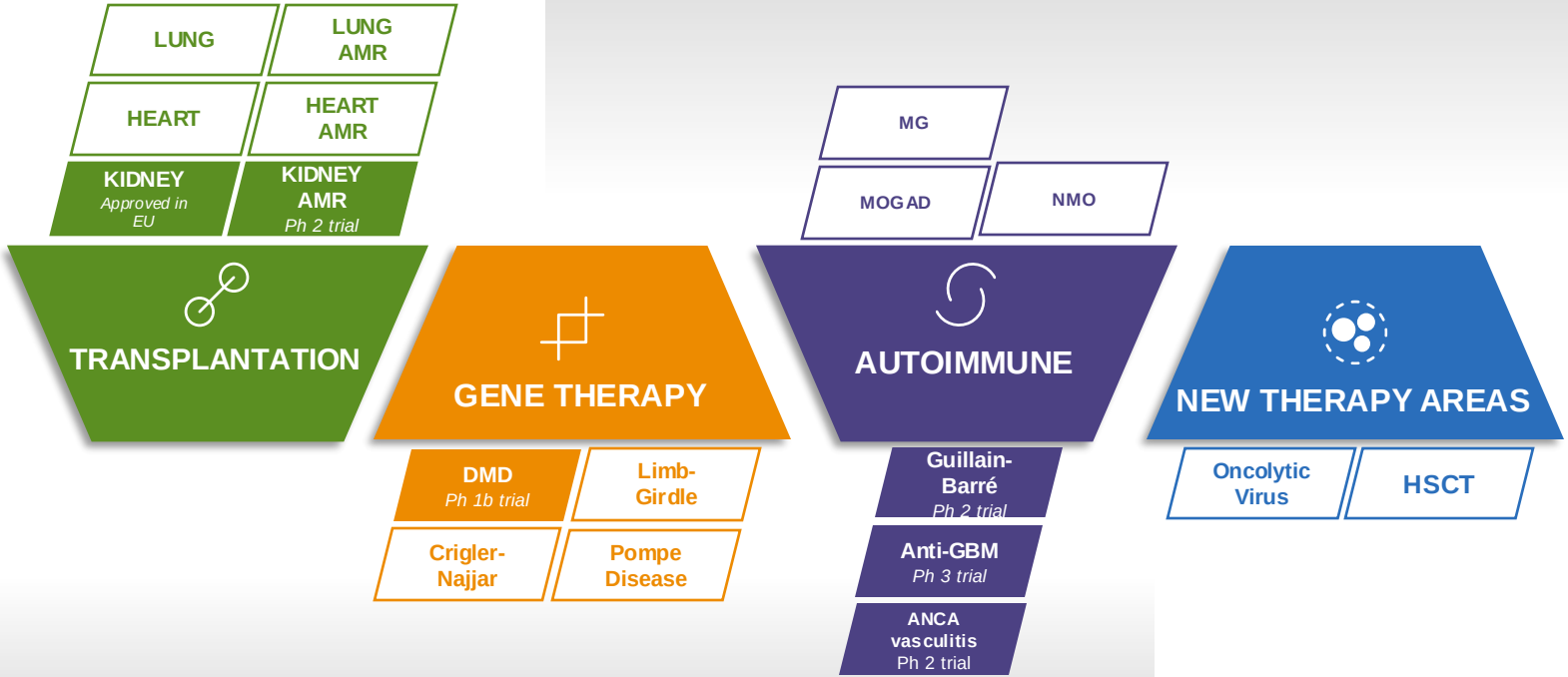
HNSA-5487

- ❑ Next generation IgG cleaving enzyme based on an animal pathogen
- ❑ Inactivates IgG by cleaving the heavy chains of IgG, effectively eliminating the Fc-dependent effector functions
- ❑ Engineered for high potency, specificity and safety
- ❑ Immunogenicity profile that supports redosing potential
- ❑ Safe and well tolerated

Rapid & robust IgG reduction	• Reduces IgG levels by more than 95 percent within a few hours • IgG levels returning to normal range six months after initial dosing • As efficacious as imlifidase in reducing total IgG levels
Redosing potential	• Lower ADA pre-treatment levels and significantly reduced ADA response as compared to imlifidase • Efficient IgG reduction in serum samples at six- and 12-months post initial dose
Address unmet need	• Focus where autoantibodies drive the disease • Need for management of symptoms at onset of disease and during recurrent immune system attacks • Diseases with little to no advanced treatment options

Hansa's proprietary technology platform with two unique molecules and broad potential indications

HNSA-5487: Next gen antibody cleaving enzyme with redosing potential



IMLIFIDASE: First generation antibody cleaving enzyme technology

Broad clinical pipeline in autoimmune, gene therapy and transplantation

	Preclinical	Phase 1	Phase 2	Phase 3	Marketing authorization	Marketed	Partner	Status	Next anticipated milestone
Imlifidase									
EU: Kidney transplantation in highly sensitized patients[1,2]								Commercialization ongoing ● Post approval Clinical Phase 3 ongoing	EU: Additional agreements around reimbursement / Post authorization study to be completed by end of 2025
U.S. "ConfIdeS": Kidney transplantation in highly sensitized patients[1,2]								Clinical Phase 3 ongoing	Data readout in 2H 2025
GOOD-IDES-02: Anti-GBM antibody disease								Clinical Phase 3 ongoing	Complete enrolment (50 patients)
16-HMedIdes-12: Active Antibody Mediated Rejection (AMR)								Clinical Phase 2 completed	Publication in peer-reviewed journal
15-HMedIdeS-09: Guillain-Barré Syndrome (GBS)								Clinical Phase 2 ongoing	Comparative efficacy analysis 2024
Investigator-initiated trial in ANCA-associated vasculitis[3]								Clinical Phase 2 ongoing	Complete enrolment (10 patients)
SRP-9001-104: Pre-treatment ahead of gene therapy in Duchenne Muscular Dystrophy (DMD)							SAREPTA THERAPEUTICS	Clinical Phase 1b ongoing	Complete enrolment
Pre-treatment ahead of gene therapy in Limb-Girdle Muscular Dystrophy (LGMD)							SAREPTA THERAPEUTICS	Preclinical research ongoing	Preclinical research
Pre-treatment ahead of gene therapy in Pompe disease							AskBio	Preclinical research ongoing	Preclinical research
Pre-treatment ahead of gene therapy in Crigler-Najjar syndrome							GENETHON CURE THROUGH INNOVATION	Preclinical research ongoing	Commence clinical study
HNSA-5487									
NICE-01: HNSA-5487 – Lead candidate from the NiceR program								Clinical Phase 1 completed	Alignment with regulatory authorities on development path

[1] Results from the Phase 1 study have been published, Winstedt et al. (2015) PLOS ONE 10(7)
[2] Lorant et al., American Journal of Transplantation and 03+04 studies (Jordan et al., New England Journal of Medicine)
[3] Investigator-initiated study by Dr. Adrian Schreiber and Dr. Philipp Enghard, at Charité Universitätsmedizin, Berlin, Germany

Advancing the science in autoimmune, gene therapy, and transplantation

Delivering the Pipeline

7 Ongoing clinical trials in autoimmune, gene therapy and transplantation

1 Additional gene therapy study to commence in 2024

Advancing the Science

7 Publications in peer–reviewed journal

8 Presentations at leading medical congresses

ATC2024 AMERICAN TRANSPLANT CONGRESS PHILADELPHIA, PA • JUNE 1-5

ASGCT American Society of Gene + Cell Therapy

IMLIFIDASE
IgG cleaving therapy with a unique MOA

AUTOIMMUNE

15-HMedIdeS-09 Ph 2 (GBS)
Trial Complete
Addt'l Data Readout Q4 2024

GOOD-IDES-02 Ph 3 (anti-GBM disease)
Ongoing
Data Readout 2H 2025

GENE THERAPY

SRP-9001-104 Ph 1b (DMD)
Trial Commenced
Data Readout 2025

Genethon Preclinical (Crigler-Najjar)
Trial to Commence Q4 2024

AskBio Preclinical (Pompe disease)
Trial to Commence 2025

TRANSPLANTATION

US ConfIdeS Ph 3 (kidney)
Enrolment Completed
Data Readout 2H 2025

16-HMedIdeS-12 Ph 2 (AMR)
Trial Complete
Data published July 2024

Post Authorization Efficacy Ph 3 (kidney)
Ongoing
Data readout 2025

HNSA-5487
next-gen IgG cleaving molecule with redosing potential

NICE-01 Ph 1

Trial Complete
Additional Analysis Complete
Clinical Development Path Annc

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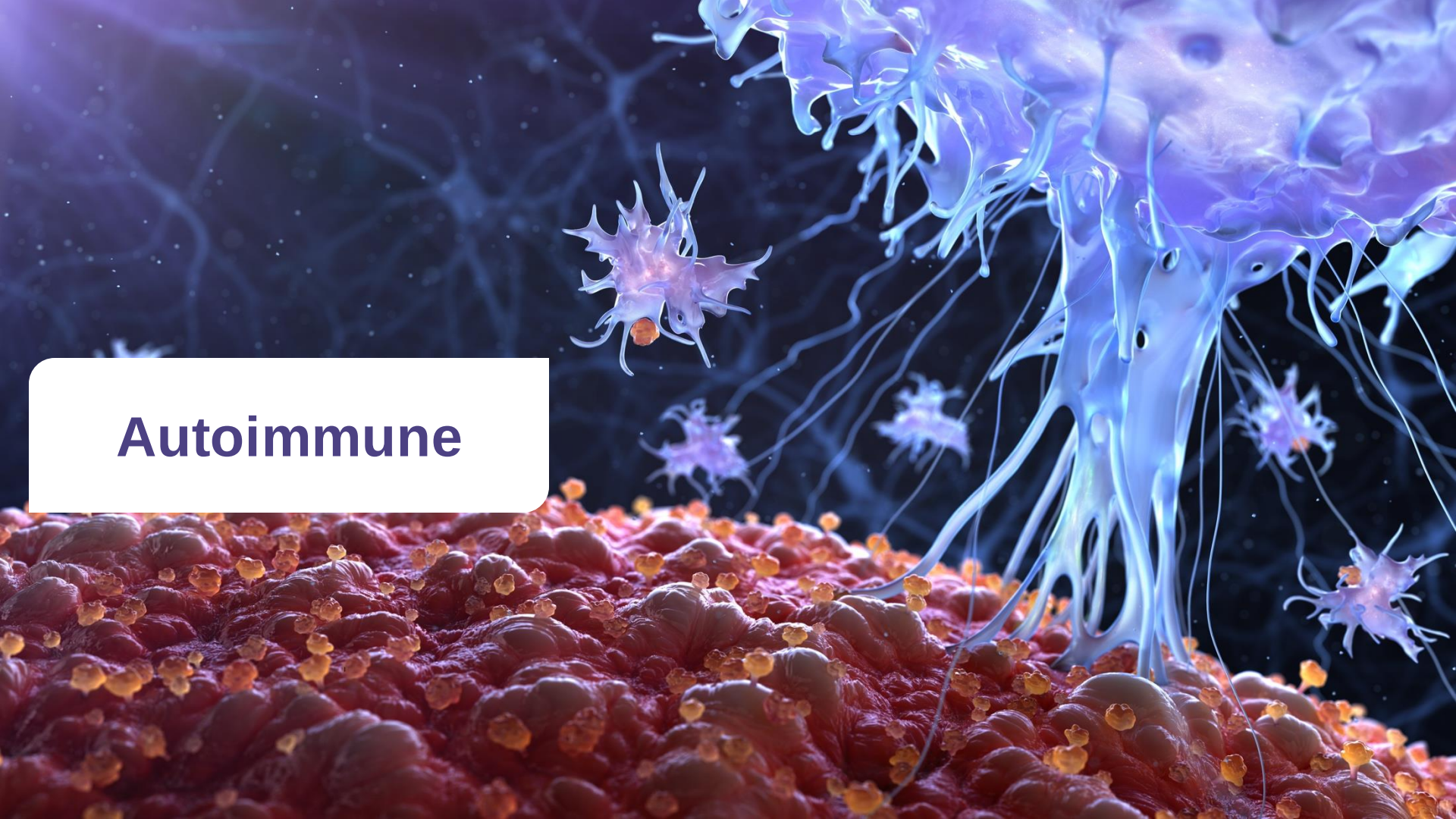

Autoimmune

AUTOIMMUNE

Imlifidase may have relevance in several autoimmune diseases where IgG plays an important role in the pathogenesis

+100 autoimmune diseases[9]

- Rapidly progressive glomerulonephritis
- Neurological disorders
- Skin disorders
- Blood disorders

In Phase 2 trials, imlifidase was shown to cleave autoantibodies and stop disease progression in monophasic conditions

PROOF OF CONCEPT IN TWO INDICATIONS

Anti-GBM disease

1.6 in a million affected annually

Imlifidase Ph 2 results

67% of patients were dialysis independent after six months vs. the historical cohort, where **only 18%** had functioning kidney

Phase 3 ongoing
70% enrolled

Guillain-Barré Syndrome

1.7-4.3 per 100,000 annually

Imlifidase Ph 2 results

Rapid improvement across several efficacy outcome measures, as compared with previously published data

Phase 3 plans under review

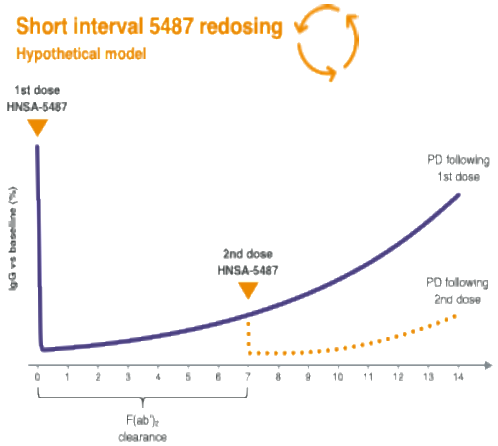
AUTOIMMUNE

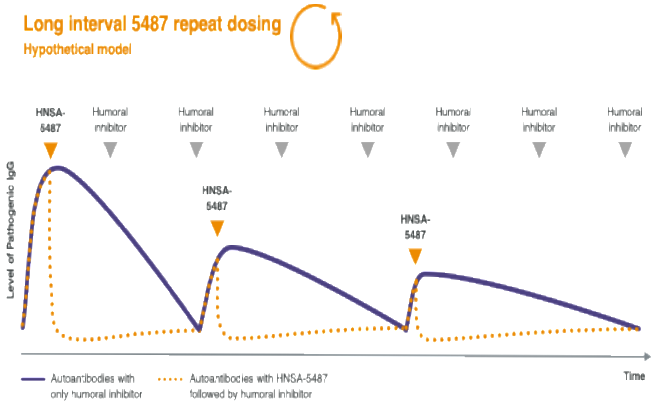
HNSA-5487 may enable expansion into acute flares in chronic conditions through redosing

+100 autoimmune diseases[9]

- Rapidly progressive glomerulonephritis
- Neurological disorders
- Skin disorders
- Blood disorders

HNSA-5487 has the potential to quickly remove IgG






Gene Therapy

GENE THERAPY

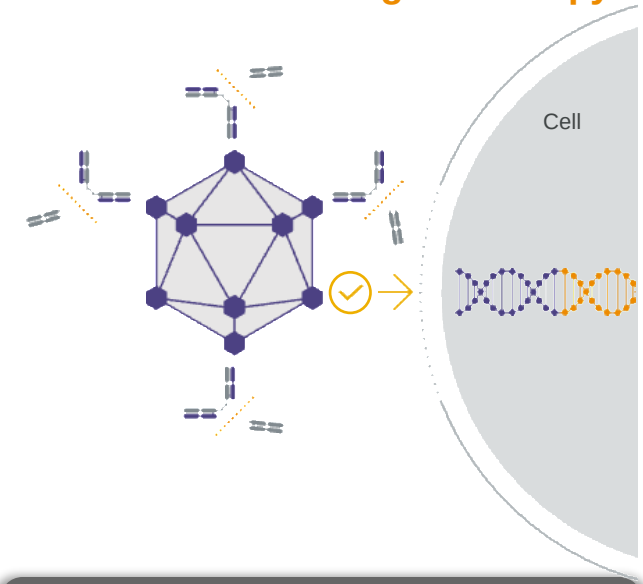
Imlifidase may enable gene therapy treatment in rare disease patients with pre-existing antibodies

AAVs
the delivery system of gene therapy[26-29]

5-70%
patients considered for gene therapy have anti-AAV antibodies[26]

Pre-existing antibodies
excludes patients from trials & treatment[30]

Eliminate antibodies as a pre-treatment to enable gene therapy



- **Significant unmet need**
- **Encouraging pre-clinical data**
- **Partnership strategy**

Global partnerships with gene therapy companies

SAREPTA THERAPEUTICS

- World leader within gene therapy targeted at muscular dystrophies
- High level read out in DMD expected 2025

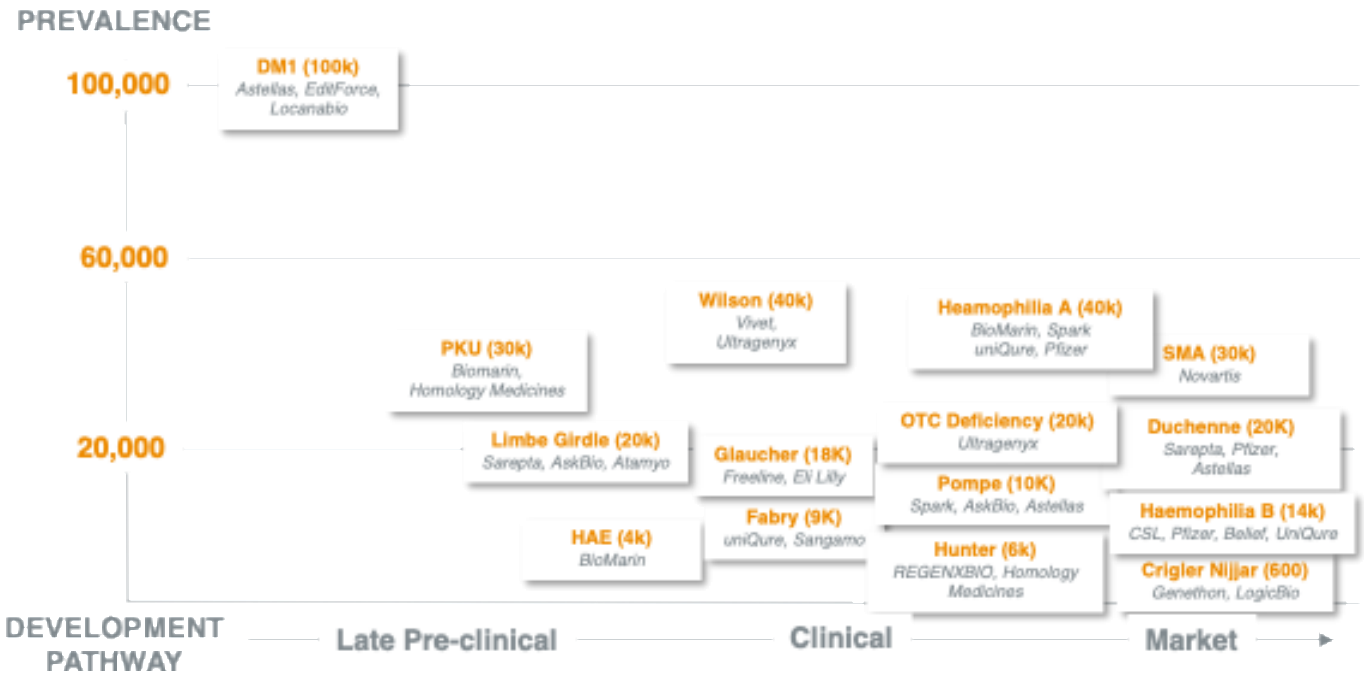
AskBio

- Early innovator in gene therapy
- Encouraging preclinical data presented at ASGCT 2024

GENETHON
CURE THROUGH INNOVATION

- A not-for-profit pioneer in gene therapies
- Preclinical work underway in Crigler Najjar syndrome

Systemic gene therapy is an emerging opportunity



ABOUT THE MARKET

- ✓ **~ 7,000** known rare monogenic diseases worldwide.[31]
- ✓ Gene therapy market poised to reach **52.4 billion USD** by 2033[32]
- ✓ **1,986 gene therapies** currently under development[34]
- ✓ AAV gene therapies show **22% revenue** contribution in 2024[31]
- ✓ US FDA plans to approve **20 new gene therapies** / year[35]

Global exclusive agreements with leading gene therapy companies in select indications

AskBio

CAPABILITIES & RESOURCES

- Early innovator in gene therapy
- Conducts pre-clinical and clinical trials (Phase 1/2)

INDICATION EXCLUSIVITY

Pompe Disease - ~ 5,000 – 10,000 patients in the US and EU.

In addition, 1 in 40,000 births (200 cases) are diagnosed yearly.

GENETHON
CURE THROUGH INNOVATION

CAPABILITIES & RESOURCES

- A pioneer in the discovery and development of gene therapies
- Conducts pre-clinical and clinical trials (Phase 1/2)

INDICATION EXCLUSIVITY

Crigler-Najjar syndrome - approximate incidence is 0.6-1 case per one million people or 600 patients in Europe and the U.S

SAREPTA THERAPEUTICS

CAPABILITIES & RESOURCES

- World leader in gene therapy in muscular dystrophies
- Pre-clinical and clinical plan
- Regulatory & Promotion
- FDA approval in 2023

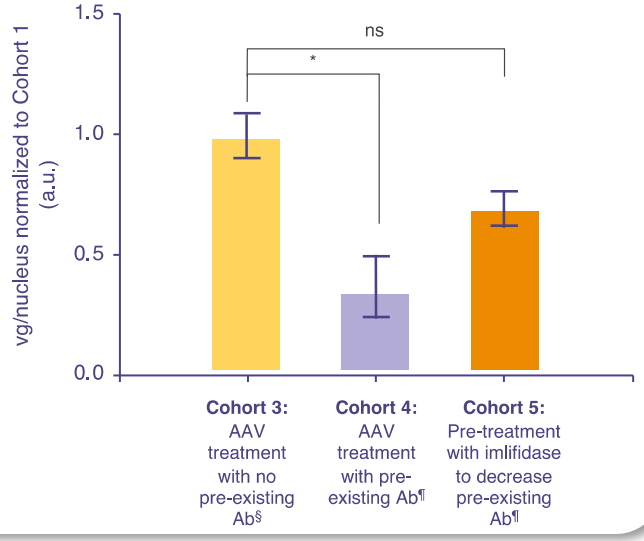
INDICATION EXCLUSIVITY

Duchenne Muscular Dystrophy (DMD) - 1/3,500 to 5,000 male births worldwide

Limb-Girdle Muscular Dystrophy - global prevalence of ~1.6 per 100k individual

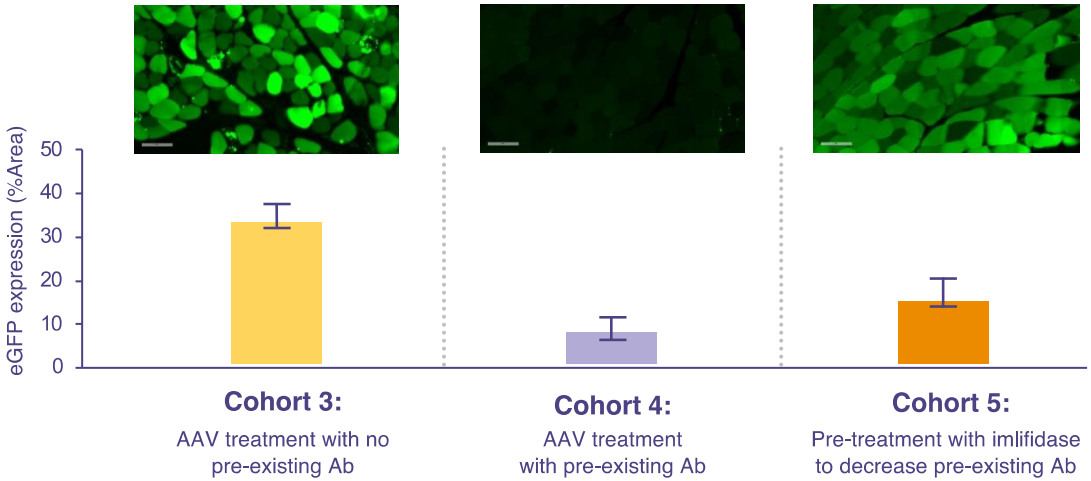
Imlifidase pre-treatment decreases pre-existing antibodies and enhances transduction and transgene expression in animal models

TRANSDUCTION



EXPRESSION IN SKELETAL MUSCLE+

Expression in Skeletal Muscle‡

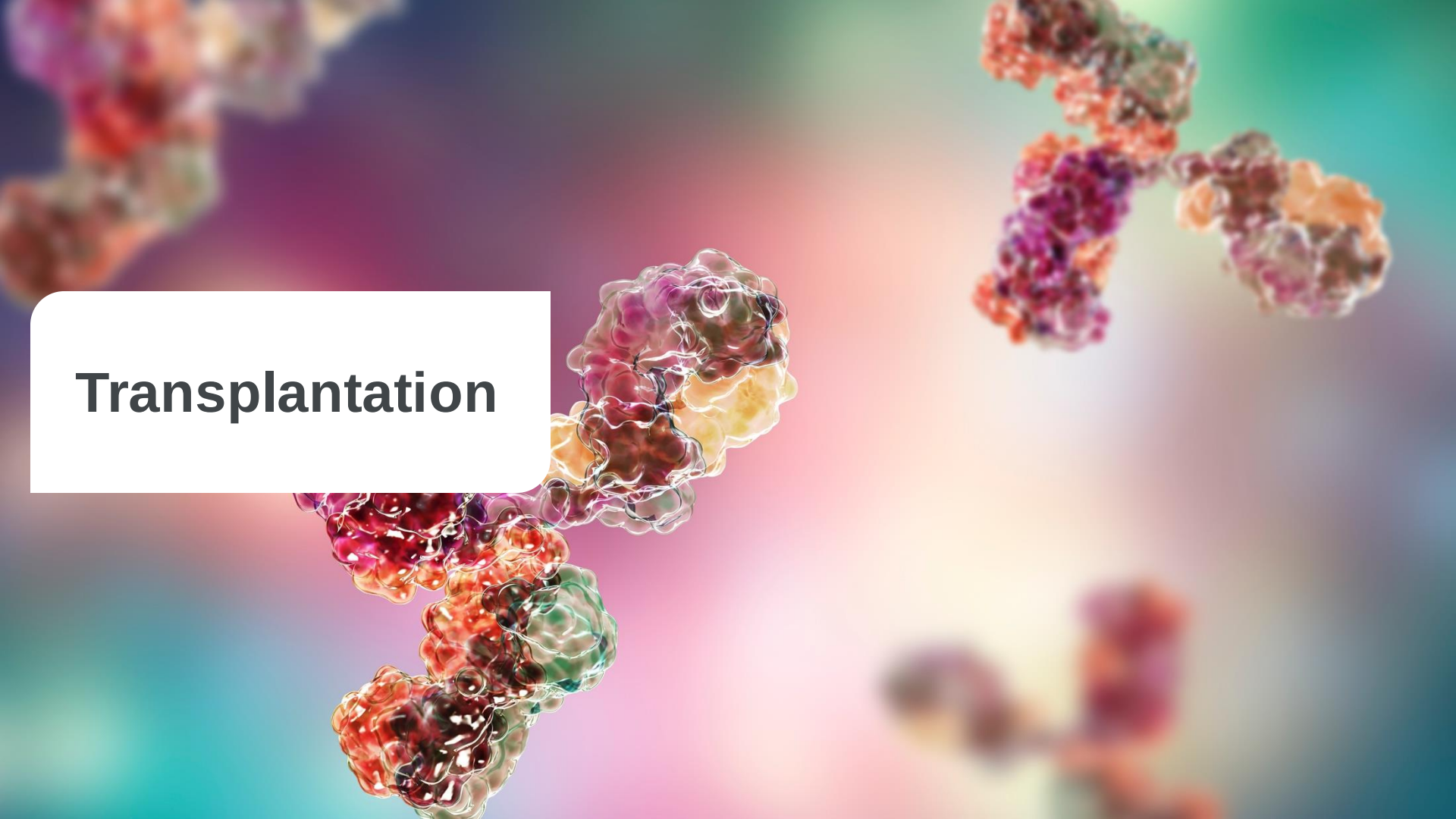


Data from animal models

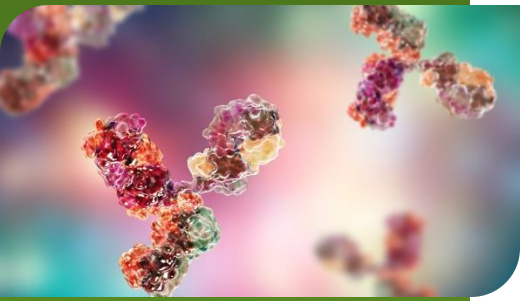
*P<0.05. †Data are represented as mean ± SEM and analyzed by one-way ANOVA followed by post-hoc analysis with Dunnett's multiple comparison test . ‡Data are represented as the mean ± SEM for the percent area for all of the muscle tissues analyzed at terminal necropsy. §AAVrh74 titer ≤1:400. ¶AAVrh74 titer 1:800–1:1600.

AAV, adeno-associated virus; AAVrh74, adeno-associated virus rhesus isolate serotype 74; Ab, antibody; a.u., arbitrary units; eGFP, enhanced green fluorescent protein; NHP, non-human primate; ns, not significant; vg, viral genome.

Transplantation



TRANSPLANTATION

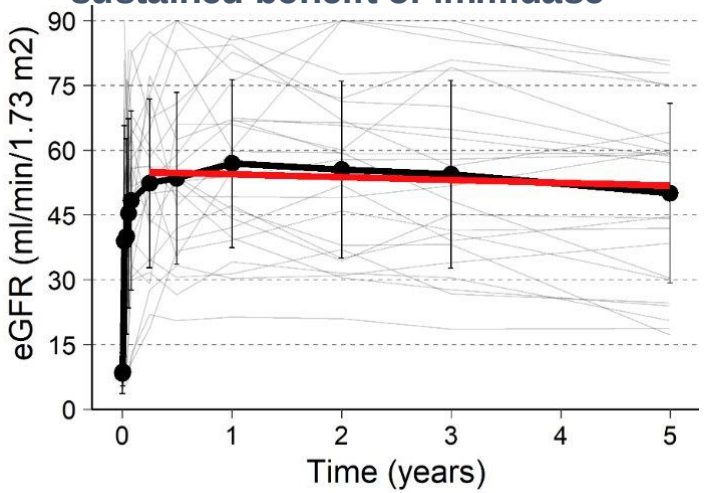


Imlifidase may enable incompatible kidney transplantation in highly sensitized patients

170k*	**DSAs**	**SOC**	**10-15%**
patients waiting for a kidney transplant[50]	Donor specific antibodies that reject organ transplantation	based on organ compatibility	patients with DSAs – or highly sensitized - unlikely to be transplanted due to incompatibility[51]

**In the US and EU

Long term data from 17-HMedIdeS-14 study in kidney transplantation confirms sustained benefit of imlifidase[52,53]



- **82% five-year graft survival**
- **90% patient survival rate**
- **50 ml/min/m2 eGFR**

Conditional EU approval for desensitization in kidney transplant patients[54]

Addresses the limitations of other modalities

The **first and only** approved drug to enable incompatible kidney transplants[50]

Market access in 75% of the EU transplant market

Two key studies for imlifidase

17-HMedIdeS-14
Long-term follow-up study

Extended pooled analysis from the 17-HMedIdeS-14 study

A long-term follow-up study of patients who have received a kidney transplant following desensitization with imlifidase.

RESULTS

- 82% graft survival
- 90% patient survival rate
- 50 ml/min/m^2 eGFR

Further data from extended pool analysis expected in 2024

ConfIdeS
US Ph 3 pivotal trial

Open-label, controlled, randomized trial evaluating 12-month kidney function in highly sensitized kidney transplant patients with positive crossmatch against a deceased donor, comparing desensitization using imlifidase with standard of care

RESULTS

- **Randomization completed** (May 2024)
- **156** patients screened & enrolled
- **23** sites active and 11 sites have already dosed with imlifidase

US FDA BLA to be filed in 2H 2025

At a Glance: IDEFIRIX launch in Europe

Strategic Levers

- Market Access
- Clinical Readiness
- Organ allocation
- Patient selection and treatment

Launch Progress

IDEFIRIX was launched in 2020 as the **only desensitization strategy** for highly sensitized kidney transplant patients:

15 markets with reimbursement (75% of EU transplant market)

7 Country issued clinical guidelines

32 centers with clinical experience

9.3m USD in product sales in 2023

113 clinics IDEFIRIX ready to treat

Scaling Globally

Transforming the desensitization treatment landscape and advance a new way of transplanting patients

1. **Build the foundation**
   Commercialize in key markets
   Ensure clinical readiness
   Support patient/organ access
2. **Grow internationally**
   Secure US approval
   Go beyond core markets
   Full EU authorization
3. **Expand label**
   Living donor
   Other solid organs

NOW (1-3 yrs) — *MID TERM (3-5 yrs)* — *LONG-TERM* →

Solid commercial opportunity in kidney transplantation desensitization

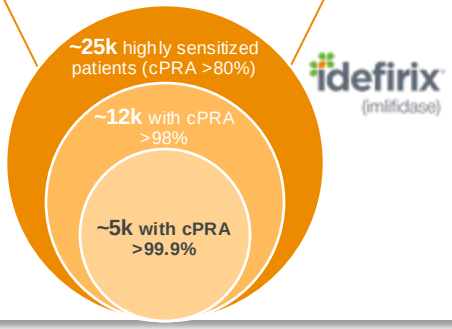
Significant Unmet Medical Need

Inability to match or effectively desensitize patients remains a barrier for transplantation in highly sensitized patients

~170k patients are waiting for a new kidney in Europe and the U.S.

Calculated Panel Reactive Antibodies (cPRA) is a measure for HLA-sensitization

10-15% of patients are highly sensitized
(cPRA > 80%)



Idefirix Launch in Europe

Market size

3,000 – 4,000

Commercial progress

14 countries with market access › **~75%** of transplant volume

~50 Idefirix "ready" centers

25 centers with clinical experience

17 centers with repeat usage

European launch has reached inflection point with increasing adoption across major markets

Phase 3 Nearing Completion

Market size

1,000-1,500

Phase 3 trial

May fully randomized Phase 3 trial

2H 2025 BLA filing

24 centers involved in trial

>20% of transplant volume

Broad clinical experience creates foundation for fast commercial uptake

Opportunities for imlifidase in transplantation beyond kidney

Lung transplantation desensitization

~3,000 annual lung transplants in the U.S.[55]

~2,000 annual lung transplants in Europe[56*]

10-15% of lung transplant recipients have some degree of pre-sensitization to allo-antigens.[57] De novo DSAs occur post transplantation in up to **55%** of all lung transplant patients.[58]

Heart transplantation desensitization

~4,000 annual heart transplants in the U.S.[55]

~2,000 annual heart transplants in Europe[56*]

~30% of patients awaiting heart transplant have anti-HLA antibodies.[59]

Antibody-mediated rejection in lung transplantation

Up to 27% of lung transplant recipients

The actual incidence of lung transplantation AMR is unknown, with studies that define AMR by the ISHLT consensus definition report incidence of **up to 27% of lung transplant patients**.[58]

Antibody-mediated rejection in heart transplantation

Up to 20% of heart transplant recipients

AMR occurs in 10–20% of patients after heart transplant, typically, within a few months after transplant. 25% of cases occur more than one year after transplantation.[60]

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Hansa Biopharma has the potential to lead the way in rare immunological diseases

Commercial stage, first-in-class asset

Commercial stage IgG cleaving enzyme with long-term data

Commercial-scale manufacturing supports launches

Over 200 patients treated

Validated pipeline

Paradigm shift for **kidney transplantation**

7 ongoing trials in **autoimmune and gene therapy**

Next gen enzyme could unlock **broader indication universe**

Funded into 2026

Publicly traded on **NASDAQ Stockholm**

Considering dual-listing in the **US**

Strong IP portfolio, with coverage until the 2040s

2024 milestones

COMPLETED Randomization in US ConfIdeS trial

COMPLETED HNSA-5487 12 mth analysis and clinical dev pathway

Full data readout in GBS Phase **2**

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Hansa Sustainability Priorities and Approach

HEALTHY PEOPLE

Address the unmet needs of people with rare diseases by developing life-saving treatments, ensuring sustainable and equitable access to care, and putting them at the center of our business

HEALTHY BUSINESS

Be an ethical, transparent business with the highest integrity and standards driving personal accountability for all. Cultivate a culture of collaboration and innovation grounded in individual development, and benefits that drive performance in a healthy, safe work environment

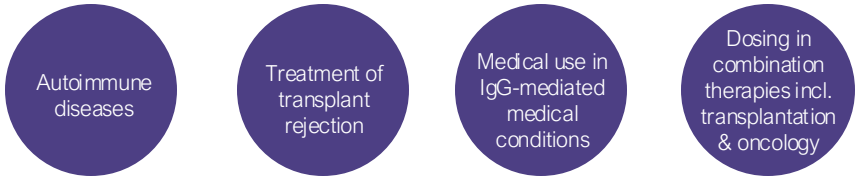
HEALTHY PLANET

Embrace sustainable decision making and environmental stewardship by becoming a default sustainable business from discovery and clinical trials, to product launches and manufacturing

Strong technology protection through patents and orphan drug designations

Imlifidase patent coverage out to 2035* in key markets

- Our lead enzyme, imlifidase, is protected by six patent families including both granted patents and pending applications and cover the use of imlifidase
- Patents cover use of imlifidase at least in:



EMA/EC

Orphan drug designation & marketing authorization

ODD for the prevention of graft rejection following solid organ transplantation. Conditional marketing authorization for imlifidase was granted in 2020[1].

Orphan drug designation

Imlifidase for the treatment of the rare and acute disease anti-GBM (2018)

FDA

Orphan drug designations

Imlifidase for the prevention of antibody-mediated organ rejection in solid organ transplantation (2015)

Imlifidase for the treatment of Guillain-Barré Syndrome (2018)

Imlifidase for the treatment of the rare and acute disease anti-GBM (2018)

HNSA-5487 patent coverage to at least 2041*

- Our next-generation enzyme, HNSA-5487, is protected by currently three granted/pending patent families as applicable
- Patent coverage in key markets, i.e. USA, EU, UK, JP, AU and more
- Based on a standard 20-year term, without any extensions, HNSA-5487 has patent protection until:

*Excluding potential patent term extensions (PTE) and supplementary protection certificates (SPC) and data exclusivity

[1]Idefirix is indicated for desensitisation treatment of highly sensitised adult kidney transplant patients with positive crossmatch against an available deceased donor. The use of Idefirix should be reserved for patients unlikely to be transplanted under the available kidney allocation system including prioritisation programmes for highly sensitised patients.

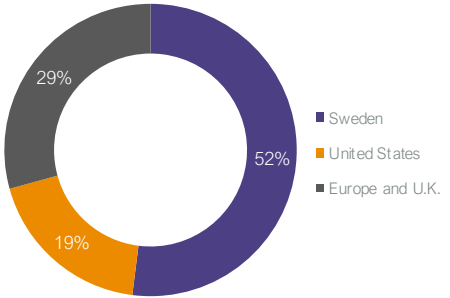
Ownership in Hansa Biopharma

Top 10 shareholders as per September 30, 2024*

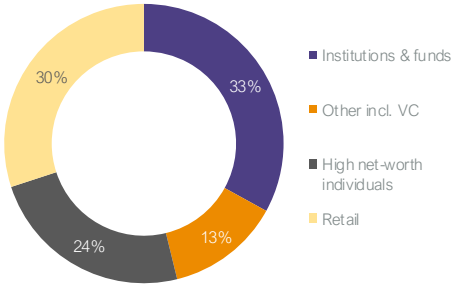
Shareholder Name	No. of Shares	Ownership %
Redmile Group LLC	13,156,700	19.40%
Braidwell LP	8,247,600	12.16%
Theodor Jeansson Jr.	2,720,000	4.01%
Hansa Biopharma AB	2,204,667	3.25%
Nexttobe AB	2,155,379	3.18%
Fjärde AP-fonden	2,094,000	3.09%
Thomas Olausson	1,917,000	2.83%
Avanza Pension	1,906,416	2.81%
Handelsbanken Fonder	1,724,561	2.54%
Sphera Funds Management	1,107,000	1.63%
Other	30,580,918	45.10%
Total shares outstanding	67,814,241	100.00%

Classification of ownership as per January 31, 2024

Ownership by region



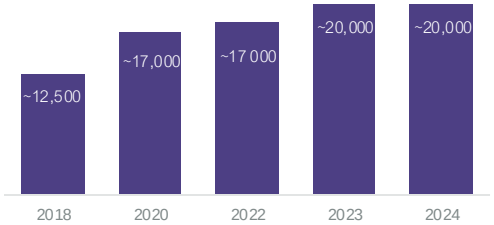
Ownership by type



Capital Raises

Capital raised:
SEK ~4.4bn
since 2007

No. of shareholders



* Following execution of a directed share issue of SEK 372m (USD 34.6m) on April 12, 2024, the number of outstanding shares increased to 67,814,241 shares.

Experienced Board and Executive Committee

Extensive experience from the global healthcare industry

Executive Committee

Søren Tulstrup

President & CEO (2018)

+30 years in the Healthcare sector

Former CEO at Vifor Pharma

Former SVP at Shire Pharmaceuticals

Former CEO at Santaris Pharma

Shareholding: 50,347

Hitto Kaufmann

Chief R&D Officer (2023)

+20 years in R&D

Former CSO at Pieris Pharmaceuticals

Former Head of Strategy and Operations at Sanofi

Shareholding: 0

Evan Ballantyne

SVP & CFO (2024)

+30 years in the life science sector

Former CFO at Gain Therapeutics, OncXerna Therapeutics, and Orchestra BioMed

Shareholding: 0

Anne Säfström Lanner

SVP & CHRO (2019)

Former Head of HR European Spallation Source

Former Head of HR Cellavision

Shareholding: 7,273

Board of Directors

Peter Nicklin

Chairman (2022)

+30 years in the Healthcare sector

Chairman of Tunstall Healthcare, Sciensus & Versantis

Held senior executive roles at Baxter, Bayer, Novartis & Bristol-Myers Squibb

Shareholding: 15,500

Hilary Malone

Board Member (2021)

COO at Valo Health (US).

Former Chief Regulatory Officer & Head of Global Regulatory Affairs at Sanofi (2013-2019)

Former SVP & Head of Worldwide Regulatory Strategy at Pfizer (2009-2011)

Chair of US Committee

Shareholding: 0

Anders Gersel Pedersen

Board Member (2018)

+30 years in the Healthcare sector

Former EVP R&D H.Lundbeck

Chairman of Scientific Committee

Shareholding: 2,500

Eva Nilsagård

Board Member (2019)

Board member of several companies, e.g. Addlife, Bufab, Inras, Xbrane

Former CFO of Vitrolife and Plasta

Chair of Audit Committee

Shareholding: 3,000

Mats Blom

Board Member (2019)

CFO of NorthSea Therapeutics

Former CFO Zealand Pharma

Member of Audit Committee

Shareholding: 1,000

Jonas Wikström

Board Member (2024)

Founder/CEO of WR Capital

Former fund manager at Catella Fondförvaltning.

Member of Renumeration Committee

Shareholding: 361,301

Florian Reinaud

Board Member (2024)

Managing Director, Redmile

Member of Renumeration Committee

Shareholding: 0

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