



# A Norwegian biotech with growth potential

June 4, 2024  
Nordic Small & Mid Cap Seminar 2024  
Handelsbanken

CEO Michael Akoh  
CFO Børge Sørvoll



**ArcticZymes**  
Technologies



# Agenda



Company overview



Market segments and solutions



Transformation and strategic priorities



Market penetration and customer case



Summary and Q&A



**ArcticZymes**  
Technologies

# Overview

## A Norwegian biotech with growth potential

### Segment & Customers

- Targeting segments with high growth potential (MDx & CGT)
- Customers are life science tools, CDMO, Pharma and Biotech companies
- Nordic based but global direct sales in US (40%) & Europe (60%)

### World class products

- Novel enzymes for biomanufacturing and molecular diagnostics
- Strong reputation in Molecular Tools and Biomanufacturing segments
- Supported by numerous publications
- Net Promoter Score = 84

### Talent & Culture

- 53 employees, HQ in Tromsø, Norway
- Management team committed to creating a culture where innovation and commercialization thrives
- World class R&D team and strong international collaborations
- Excellent manufacturing capabilities
- ISO13485 and GMP compliance supported by experienced QA team

### Strong Financials

- Margins > 90% on all products
- Sales of 119 MNOK (2023), positive cash flow and results
- Recurring revenue streams potential – sticky business
- No debt – 240 MNOK in Cash reserve
- Track record of +20yrs
- Listed on the Norwegian Stock Exchange



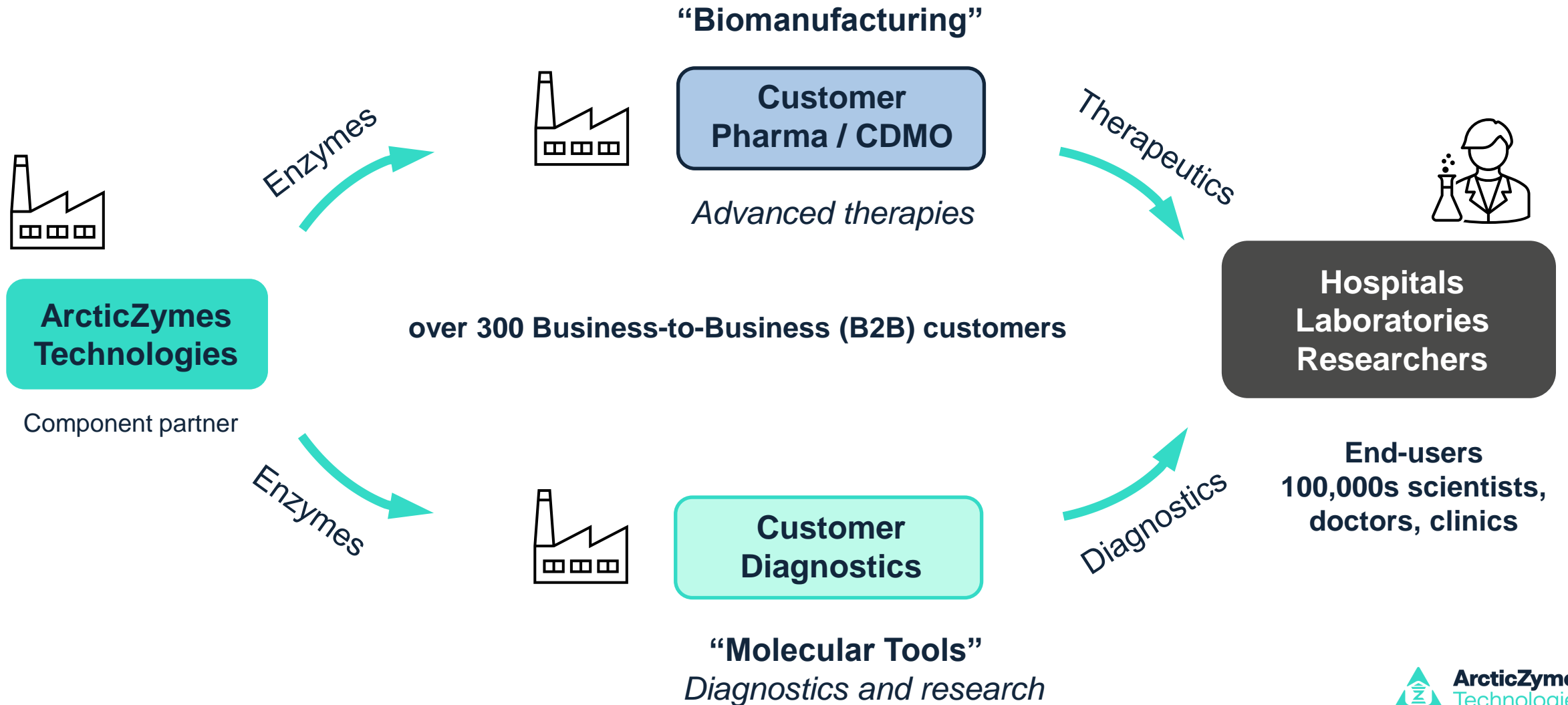


**The market and our  
solutions**



# The market

## Biomanufacturing and Molecular Tools customers



# Growing Markets

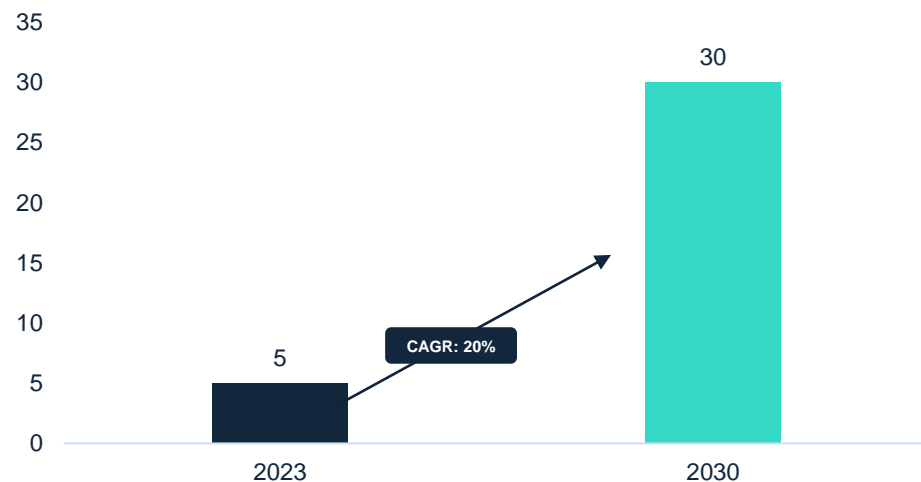
Targeting high-growth Biomanufacturing and Molecular diagnostics segments

## Biomanufacturing

Focus on Cell & Gene Therapies

- Enzymes (Nucleases) utilized in the production process of gene therapy (viral vectors)
- FDA expects more 200 INDs/year and 10-20 approvals/year from 2025 within CGT

Market Size 2023-2030

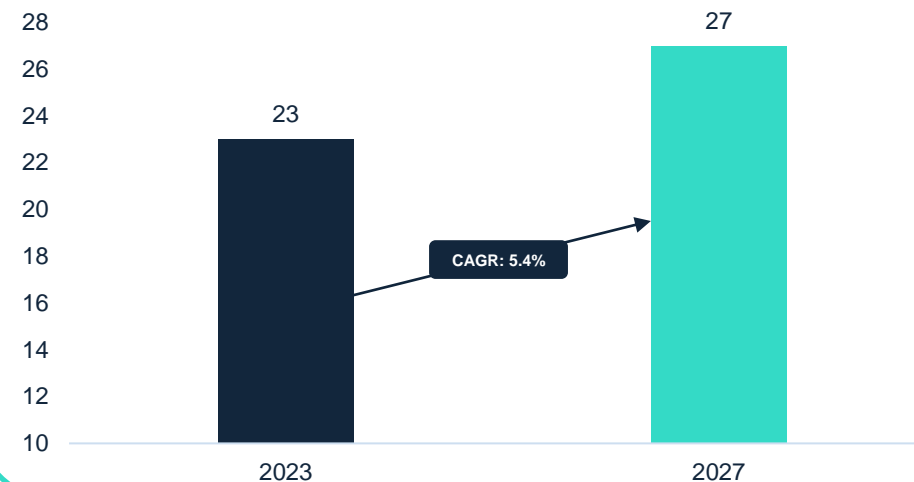


## Molecular diagnostics / research

Enzymes for driving assay technologies and innovation

- New technologies and chemistry driving growth
- Increasing Compliance
- Infectious diseases prevalence

Market Size 2023-2027



A close-up photograph of a female scientist with brown hair tied back, wearing a white lab coat and clear safety goggles. She is looking intently through the eyepiece of a white and black microscope. The background is a blurred laboratory setting with blue equipment.

**Transformation and  
strategic priorities**

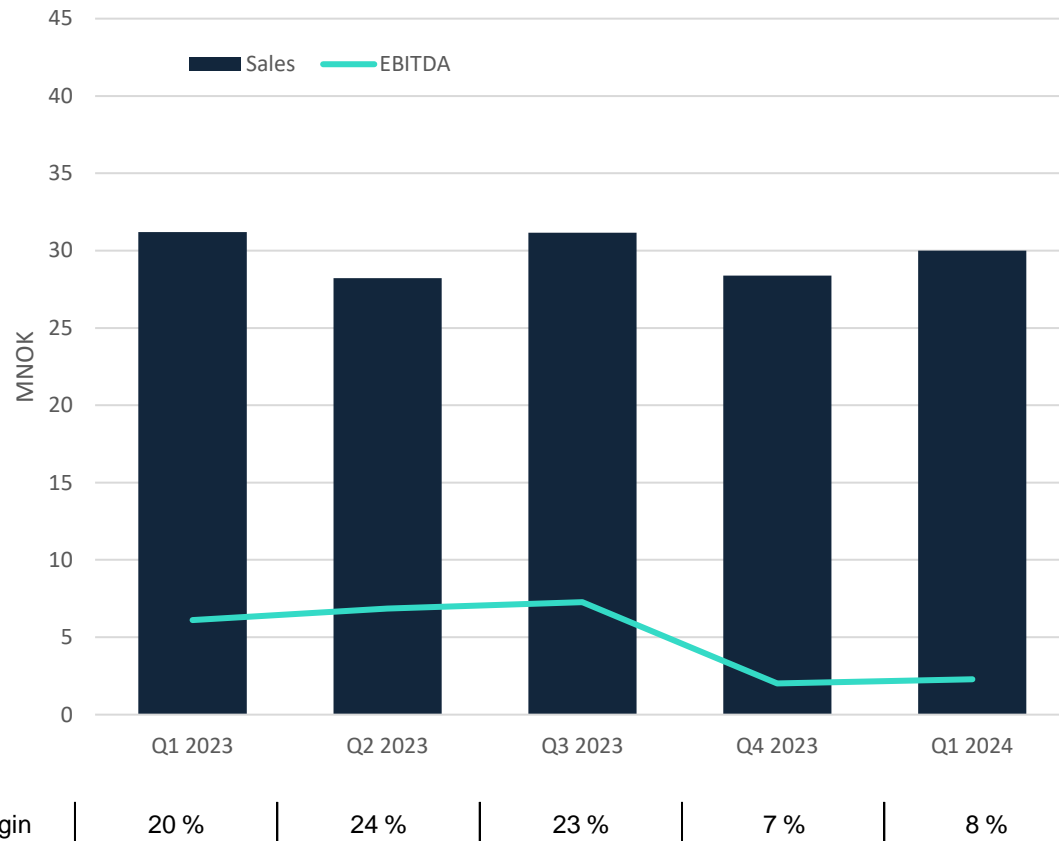




# Profitability and expenses

In a challenging market we continue to deliver positive numbers

## Sales & EBITDA



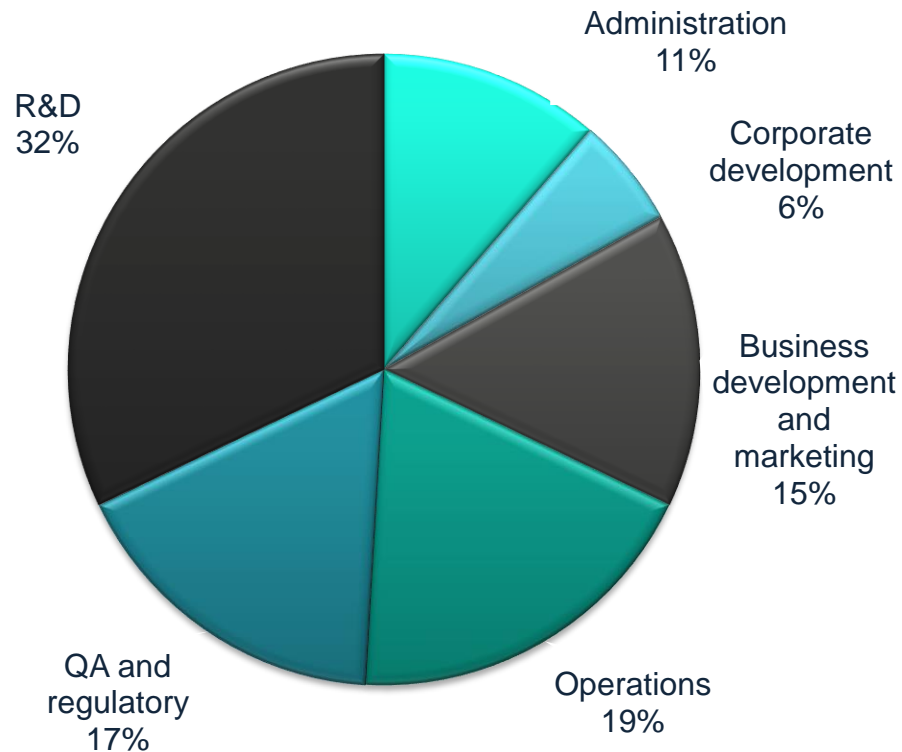
	Q1		12 M
	2024	2023	2023
Sales revenues	30,0	31,2	118,9
Other revenues	0,0	0,0	0,7
<b>Sum revenues</b>	<b>30,0</b>	<b>31,2</b>	<b>119,6</b>
Cost of materials	-1,0	-7,4	-11,7
Change in inventory	-0,3	5,4	5,8
Personnel expenses	-18,0	-15,5	-58,9
Other operating expenses	-8,4	-7,6	-32,6
<b>Sum expenses</b>	<b>-27,7</b>	<b>-25,1</b>	<b>-97,4</b>
<b>EBITDA</b>	<b>2,3</b>	<b>6,1</b>	<b>22,2</b>
Depreciation and amortisation	-1,5	-1,6	-6,4
<b>EBIT</b>	<b>0,8</b>	<b>4,5</b>	<b>15,8</b>
Net financials	3,3	1,8	9,0
<b>EBT</b>	<b>4,1</b>	<b>6,3</b>	<b>24,8</b>



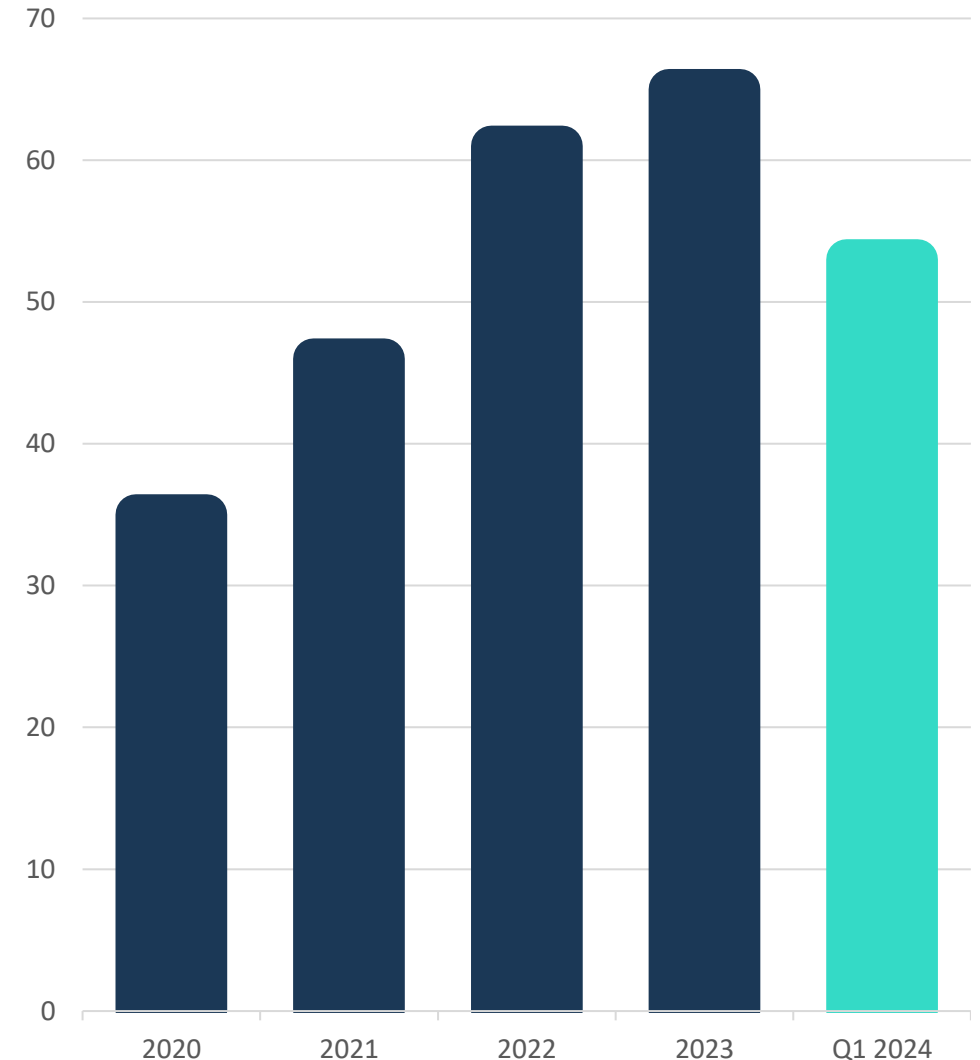
# Organisational restructuring

## Cost control during transformation

- Balance in value chain between internal and external roles
- Reduced number of employees in first quarter by 23%
- Oslo site closure - Impact on the R&D side of business



Number of employees



# Strategic priorities

Building a platform for long term growth – the journey has started

## Short Term

1

Continue journey to become more market driven

Commercialization

Channel development

Scientific marketing

2

GMP upgrade of current enzymes

Ability to expand usage in more drug development phases

3

Relaunch of current Molecular tools enzymes

Application data and positioning

## Long Term

1

Build Advanced therapies biomanufacturing pipeline

RNA enzymes & NextGen SAN

2

Develop/commercialize new Molecular Tools enzymes

Sample prep, amplification and synthetic biology

3

M&A Opportunities

Build portfolio

Strengthen GMP manufacturing capabilities

Enhance commercial channels



# Becoming more market driven

The transformation has started

## What

1 Right balance between R&D vs commercial resources

2 Engage product management team

3 Increase product and brand marketing

4 Make use of key opinion leaders (KOL)

5 Increase use of scientific marketing with R&D involvement

6 Partnership opportunities

## Why

Utilize existing portfolio potential

Align products with market needs and trends

Expand reach by creating awareness

Validate and promote AZT portfolio

Sell scientist to scientist

Accelerate growth – distribution

## When

Q1 2024

Q1 2024

Ongoing

Q3 2024

ongoing

Ongoing

It is a journey but we have initiated first key initiatives

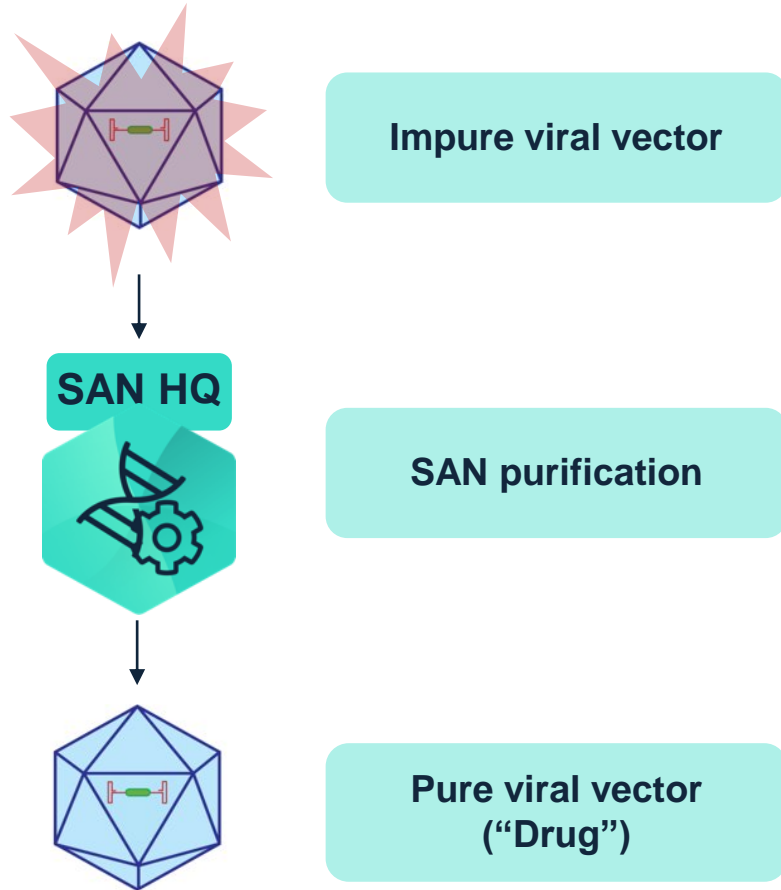


# **Market penetration SAN**



# Salt Active Nucleases (SAN)

Growth potential backed by world class product family

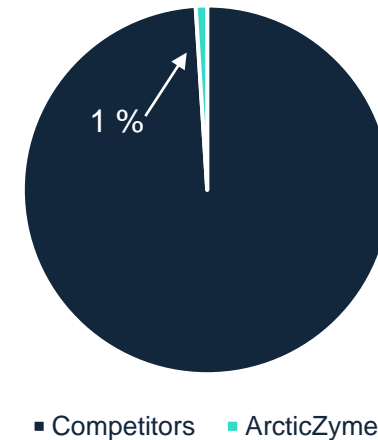


## Salt Active Nucleases (SAN)

Used to purify viral vectors

- Probably best nuclease product family on the market\* for purifying viral vectors but 1% market share

Total addressable market of 500 mUSD



\*Substantiated by Felix Pagallies et al, 2024

# Growing the SAN business

From early-stage drug development application towards commercialization



**SAN - Salt  
Active  
Nucleases**

Current



Further penetration requires regulatory compliance (GMP)



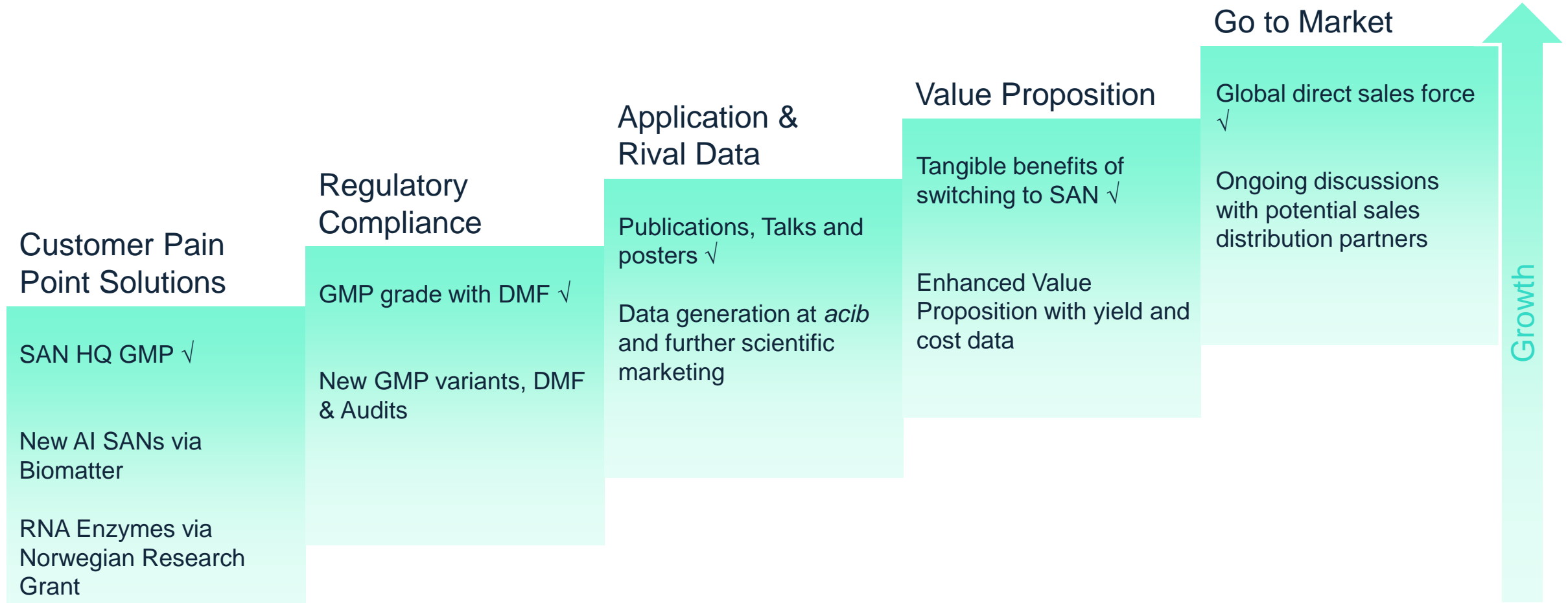
**Value**





# Penetrating the Advanced Biomanufacturing Market

Asending the ladder for long-term growth

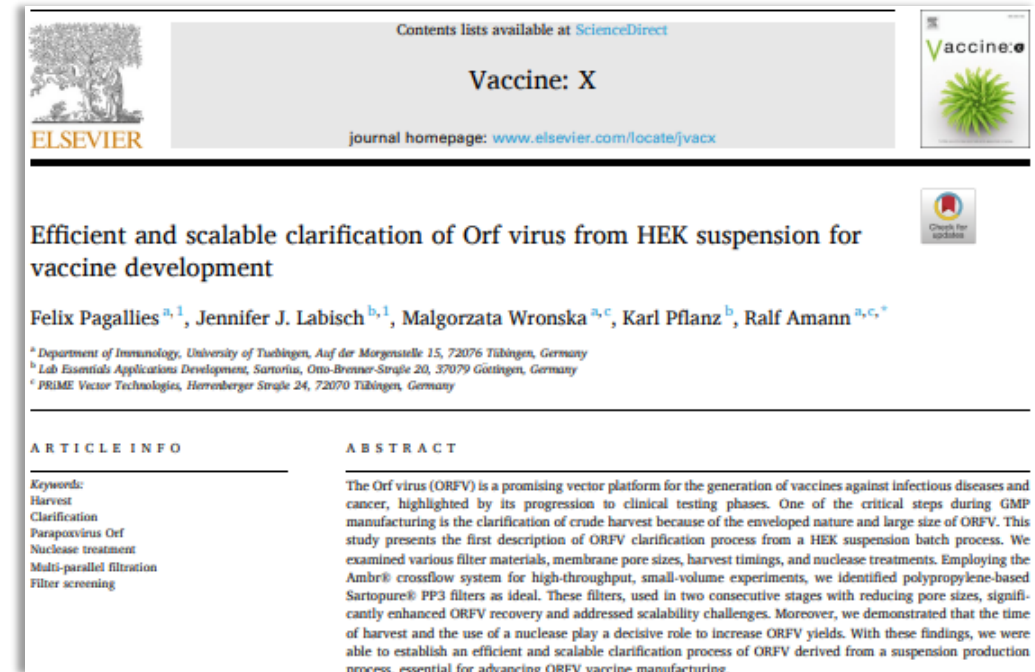


# Recent Publication

## Compelling evidence supports our SAN portfolio at large scale

### Publ. concluded:

- Nuclease treatment is “decisive” for optimizing yield
- Benchmarked AZ vs key rival Denarase concluding M-SAN HQ is superior to Denarase
  - Performance (remaining DNA)
  - Speed (incubation time)
  - Cost (amount of nuclease needed)



“

*The nuclease treatment not only reduces DNA concentration but also significantly improves the efficiency of ORFV recovery.*

“

*M-SAN HQ resulted in the lowest DNA concentrations and performed best, followed by the SAN HQ. Denarase® results in the highest DNA concentration for both, crude harvest, and supernatant.*

-Felix Pagallies *et al*, 2024



The background of the slide features a 3D molecular model of a protein complex. The protein is composed of several subunits, with some colored in a light purple/lavender and others in a reddish-orange. The structure is intricate, showing various loops and folds. The background is a dark, gradient brown.

# Customer case Molecular Tools

# Customer Case with Revenue Potential

A collaboration with a diagnostic company bringing low-cost cancer screening to market using AZT Proteinase

## Company Track Record

Well-funded with history of moving fast to help prevent and cure one of the deadliest types of cancer

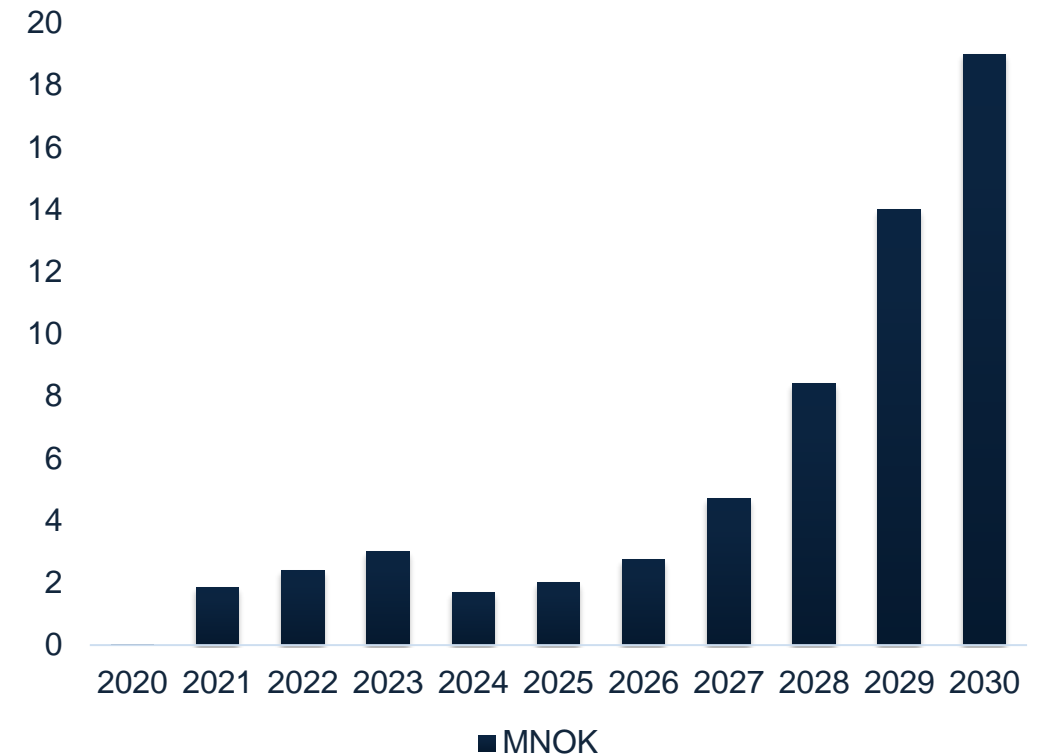
## Legacy

History of collaboration. Started testing proteinase for incorporation into cancer diagnostic platform in 2020

## Timeline:



Past and future revenue - pending successful development and launch



\*AZT enzyme is the only enzyme on the market that worked well in their assay due to the ease with which it can be heat-inactivated



# Summary



**Market remains attractive and growing long term – we are working to penetrate and gain a bigger share**



**AZT provides great products with tangible benefits. Innovation remains important, but increased focus on commercialization of existing portfolio**



**We continue to develop our portfolio and commercial engine to capitalize on future growth opportunities**



# Thank you

## Q&A



**ArcticZymes**  
Technologies