

Enzymes that Unlock Your Next Discovery

SEB Healthcare Seminar

November 20, 2024 CEO Michael Akoh CFO Børge Sørvoll



Overview

A Norwegian biotech with growth potential

Worldclass Products

- Novel enzymes for advanced therapies and molecular diagnostics
- Strong reputation in Molecular Tools and Bioprocessing segments.
- Net Promoter Score = 84

Segment & Customers

- Targeting segments with high growth potential
- Customers are life science tools companies, CDMO, Pharma and Biotech

Talent & Culture

- Management team committed to creating a culture where exceptional innovation thrives
- World class R&D team
- Strong manufacturing capabilities complying to ISO13485 and GMP
- 53 employees, HQ in Tromsø
- Direct sales in US & Europe

Strong Financials

- Margins > 90% all products
- Recurring revenue streams sticky business
- Sales of 119 MNOK (2023)
- No debt 240 MNOK in Cash reserve
- Listed on the Norwegian Stock Exchange



B2B Value chain Biomanufacturing and Molecular Tools customers

Biomanufacturing



ArcticZymes Technologies

Best-in-class Enzymes

Custom and OEM solutions – to meet customer's needs

Biomanufacturing (Therapeutics)

Viral vector, gene therapy and protein production

Removal of nucleic acids during protein production, vaccine manufacturing and viral vector preparation.





SAN HQ SAN HQ GMP

M-SAN HQ





Strategic priorities

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





Partnerships Biomanufacturing and molecular tools



Increasing Commercial Reach

OEM partnerships

• Expanding commercial channels:

- Selling direct as well as through partners
- Active Partner Engagement:
 - Ongoing discussions with multiple potential partners
- Supply and Rebranding:
 - ArcticZymes to provide bulk material for repackaging and rebranding under partner's label
- Term Sheet Negotiations:
 - Progressing with one partner
- Execution Timeline:
 - Term sheet expected to finalize by early Q1, contingent on successful negotiation
- Revenue Impact:
 - Anticipated contribution starting in Q2/Q3 2025



CDMO opportunities

Becoming the standard nuclease on a CDMO platform

- Trend in the CGT space a return to the CDMO model
- Trough a partnership with CDMOs we will expand our reach significantly into several projects/clients
- M-SAN and SAN has been tested in an initial study with good data outcome at CDMO
- M-SAN enhances
 - Downstream recovery
 - Reduces DNA contamination
 - Minimizes vector aggregation, leading to cleaner, higher-quality lentiviral vectors
- Goal for CDMO is to start utilizing M-SAN for new projects next year on their platform

M-SAN demonstrated superior performance compared to the Industry Standard Nuclease when integrated into OXB's LV production process.

- Lower pressure during clarification after M-SAN treatment in the bioreactor (See Figure D).
- Higher Tangential Flow Filtration (TFF) flux rates (see Figure E).
- Comparable functional titre through downstream processing (See Figure F).
- Effective removal of total, host cell and plasmid DNA following M-SAN treatment in the bioreactor (See Figure G).
- Reduced DNA contaminants in the drug substance (See Figure H).
- Similar particle size in the drug substance after M-SAN incorporation (See Figure I).



The future portfolio -Diversification

RNA based therapeutics

Targeting a broader Advanced Therapies Market

- Enzymes are key in development, analytics and manufacturing process of mRNA
- AZT is now exploring **new innovations** in the field of RNA therapeutics through RCN funded collaboration project.
- First major innovation is a sequence specific RNA cleaving enzyme enabling controlled fragmentation of RNA
- First patent filed February 7, 2023 further filing ongoing to secure broader IPR and lead market
- Multiple applications are possible, currently testing use for improving analytic methods for mRNA
- In contact with numerous companies with ongoing testing at 7 sites

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Using nucleolytic toxins as restriction enzymes enables new RNA applications

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Due to its large size, mRNA needs to be fragmented prior to analysis e.g. using LC-MS. ET-N1 can speed up and simplify the cleaving process prior to analysis.



Thank you