

Q3 22 Presentation

October 27th, 2022

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The growing diagnostic market puts increasing pressure on laboratories. Still, many of the existing, clinically relevant biomarkers are only available on slow and inefficient platforms.

By converting biomarkers to the most efficient automated, high-throughput analysers, Gentian contributes to saving costs and protecting life.

gentian

Portfolio of high-impact tests provides solid growth opportunity



7* tests contributing to saving costs and protecting life

Ambition to bring a steady stream of high-impact diagnostic tests to market



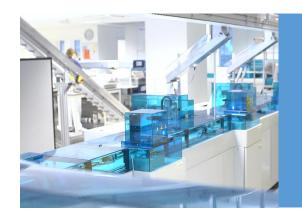
Annual revenue ambition of NOK 1bn in 4-6 years**

USD 1.3bn serviceable market with 8-9% annual growth



Industry leading team and knowhow

Team with proven trackrecord and industry expertise



~27% average annual revenue growth 2018-21

2 'blockbuster' tests in market and product development



Dedicated and experienced management team



CEO Hilja Ibert

25+ years' experience from the international diagnostic industry, including VP International Diagnostic Solutions at Hologic and senior positions within Becton Dickinson and bioMerieux. She was previously the CEO for miDiagnostics in Belgium. Dr. Ibert holds a PhD degree in Nutrition Science from the University of Bonn, Germany.



CSO Erling Sundrehagen

Erling Sundrehagen, cofounder of Gentian, holds 25 int. patents. He has headed the development of a dozen diagnostic products, creating businesses with NOK 1bn+ revenue. Dr. Sundrehagen held management positions in Axis-Shield, Axis Biochemicals and Axis Research, and is dr.med. & cand.real from University of Oslo, Norway.



Njaal Kind

CFO & COO

20+ years experience and extensive track-record from financial management and reporting, corporate governance and Investor Relations. Mr. Kind has served as the CFO for TiZir, UK, Business Analyst in Eramet Comilog Manganese, France, and Investment Director in Tinfos. Kind holds a MSc from BI Norwegian Business School.



CCO Markus Jaquemar

30+ years experience in life science and diagnostics commercialisation and marketing. He held marketing, sales and business management positions at Beckman Coulter, Agilent Technologies and Becton Dickinson. He holds a Master's degree in Biology from Vienna University, Austria.



VP Science/Clinical

Alexandra Havelka

Extensive experience in laboratory medicine. She was previously Biochemist and Unit Manager at Karolinska University Laboratory, with research focusing on biomarkers for inflammation and infection. Dr Havelka holds a PhD in Experimental Oncology from Karolinska Institute in Stockholm, Sweden.



VP R&D

Torsten Knüttel

18+ years' experience from the diagnostic industry and commercial supply chain. His background includes OEM/B2B business development at Thermo Fisher Scientific and development and production at GE Healthcare. He holds a PhD in Chemistry from the Leibniz University Hannover, Germany.



VP QA & RA Anne-Mette

Horsrud Akre

20+ years of pharma industry experience, including production of pharmaceuticals and medical devices, quality management and assurance and management positions at GE Healthcare and Fresenius Kabi. She holds a Msc in Biotechnology from the Technical University of Trondheim.

Norway.



VP BD Jack Andreassen

20+ years of experience from sales, market and business development from the global diagnostics industry. He was previously Associate Director, Global Market Development for OEM at Thermo Fisher. He holds a Msc in Chemistry, Biochemistry/Molecular Biology from the University of Oslo, Norway.

















Products targeting large and growing disease groups

DISEASE GROUP		PRODUCT	APPLICATION	ATTRACTIVE CLINICAL BENEFITS
Kidney disease		Cystatin C	Early detection of reduced kidney function	Preventing severe kidney failure
Inflammation & infection		fCAL	Fast diagnosis of inflammatory bowel disease	Reducing time-consuming and costly colonoscopy
		GCAL	Early detection of severe infections, including sepsis	Reducing chance of fatality and treatment costs
	OA	SARS-CoV-2 Ab	Measuring COVID-19 immunity	Supporting community management
		Canine CRP	Early detection and diagnosis of inflammation in dogs	High relevance of results due to dog specific CRP
• Cardiac		NT-proBNP	Diagnosis, monitoring and assessment of congestive heart failure	Contributing to standardization of NT-proBNP assays
Pancreas		fPELA	Diagnosis of pancreatic elastase insufficiency in combination with fCAL	Reducing time-consuming and costly colonoscopy



Good progress made on NT-proBNP, working prototype developed



About NT-proBNP

Measuring NT-proBNP levels in plasma supports diagnosis of congestive heart failure. The Gentian assay will be the first test of its kind available on high-throughput analysers. It is equally precise as the currently available expensive and slower assays and can contribute to better diagnosis, monitoring and treatment. Additional benefits may include results standardization, which is a current issue with the existing assays in the market.

- Investigations during the third quarter showed that the initial results with the lead candidate from the second quarter were reproducible
- Consequently, more studies to test the robustness of the lead immunoparticle candidate have been carried out resulting in a working prototype
- The establishment of the reference method at the first trial site has been accomplished as planned
- Interest from potential partners continued during 3Q, which indicate significant commercial value if development is successful
- In line with established practice, should the current optimisation efforts prove unsuccessful, the company will consider returning the project to the exploration phase



USD 1.3bn global serviceable market estimated to grow by 8-9% annually next 4-6 years

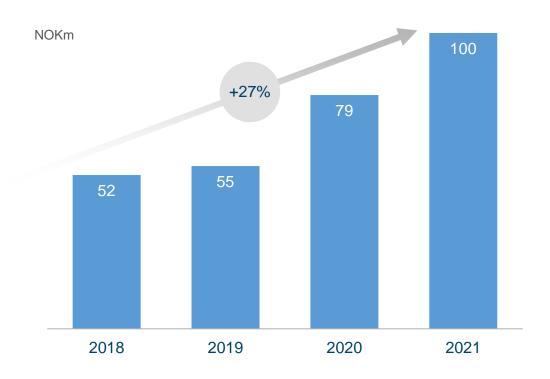
	Total Addressable Market, USDbn	Total Serviceable Market, USDm	Target market share, unrisked	Gentian's revenue take	Serviceable Market annual growth rate, next 4-6 years
Established products	1.5	180	~25%	30-50%	5-10%
GCAL	2.0	300	~15%	30-50%	15%
NT-proBNP	1.6	800	~15%	30-50%	5-8%
SARS-CoV-2 Ab	2.0	20	~25%	50%	n.m.
Total	7.1	1,300	15-25%	30-50%	8-9%

Key risks include market adoption rates for GCAL, and successful launch of NT-proBNP



Solid progress on sales growth and partnerships with leading global diagnostic companies

Total revenue* and CAGR



Partnerships prove viability of go-to-market model



Global distribution agreement for GCAL®, initial roll-out in Europe



Long-standing commercial partnership for Cystatin C



Partnership for fCAL initiated through Bühlmann Laboratories



^{*} Including grants and other non-customer related revenue.



Sales growth and milestones support long-term ambition

Q3 2022 financials

Sales NOK 23.1m

+34% vs Q3'21

EBITDA NOK -6.1m

NOK -4.2m in Q3'21

Gross margin 45%

37% in Q3'21

IVDR certification achieved

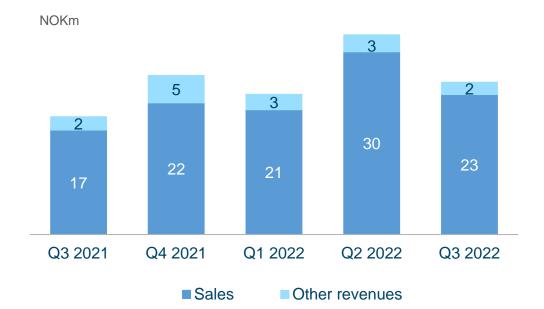
Highlights

- Sales of MNOK 23.1 in Q3 22, up 34% (35% organic growth) vs Q3 21
- Strong growth in the US enabled by recent distribution agreement
- Additional US distribution agreement for Cystatin C announced in August 2022 expected to support revenue growth from 2023
- IVDR certification achieved, demonstrating Gentian's commitment to deliver safe and effective products
- Good progress made on NT-proBNP, working prototype developed from the new immunoparticle candidate
- GCAL well received in the market, Siemens collaboration developing positively



Continued high growth driven by established products

- Sales increased by 34% to NOK 23.1m (35% organic growth)
- Strong growth in Europe and US, fCAL® main driver
- Sales to Asia impacted by COVID related lockdowns in China
- Total revenues of NOK 25.1m in the quarter, up 29% from Q3 21
- Other revenues related to amounts received from associated research grants and tax incentives, which was lower in the quarter due to completion of development projects



Sales - geographic split

MNOK	Q3 22	Q3 21	YTD 22	YTD 21
Europe	17.3	12.4	52.0	42.0
Asia	3.1	4.3	16.3	17.4
USA	2.6	0.6	5.4	2.0
Total	23.1	17.2	73.7	61.4

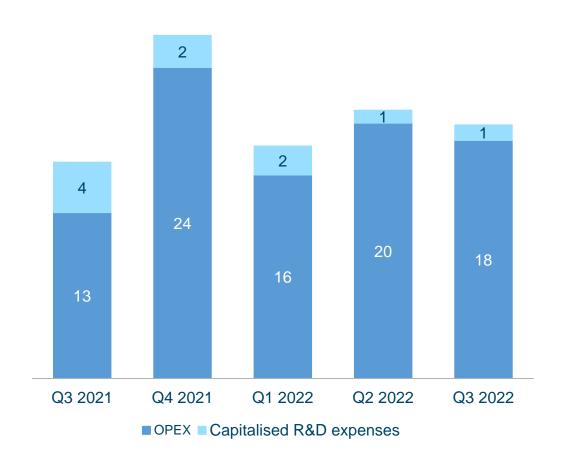
Sales - product split

MNOK	Q3 22	Q3 21	YTD 22	YTD 21
Cystatin C	8.7	7.3	30.6	25.7
fCAL®turbo	9.0	5.4	24.6	22.2
Other	5.4	4.5	18.6	13.5
Total	23.1	17.2	73.7	61.4



Stable cost development





	Q3 22	Q3 21	YTD 22	YTD 21
Sales and marketing expenses	3 760	3 338	15 166	11 080
Administration expenses	7 873	5 073	22 184	19 465
Research and development expenses	6 735	4 369	16 404	18 898
Total	18 368	12 780	53 754	49 443

- Total other operating expenses before capitalisation of R&D expenses was 19.5 million in Q3 2022 compared to NOK 16.7 million in Q3 2021
- Admin, sales and marketing expenses increased in line with higher sales while lower R&D related expenses was related to completed projects
- Capitalised R&D expenses was NOK 1.2 million in Q3 2022 compared to NOK 3.9 million in Q3 2021



Positive free cash flow in Q3, investing to scale

Q3 2022 balance sheet and cash flow

Cash NOK 93.9m

NOK 131.3m in Q3'21

Capex NOK 3.1m

NOK -1.0m vs Q3'21

FCF NOK 1.8m

NOK 7.9m vs Q3'21

Break-even pre-R&D

based on current revenue

Capital priorities

- Positive free cash flow in Q3 2022 as net working capital was reduced
- Planned spending increase as total number of products launched and sales grow – limited increase in capex
- Flexible cost base consisting mainly of personnel
- Long-term net working capital/sales assumed at ~30%, down from ~40% currently





Long-term ambitions rooted in recent progress

Four established products with potential to grow 20%+ annually

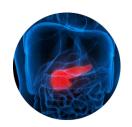
Prove clinical relevance of GCAL and bring NT-proBNP to market

Bring a steady stream of high-impact diagnostic tests to market

Secure one new contract with a global commercial partner per year

Grow gross margin from ~50% currently to 60%+ at volume production

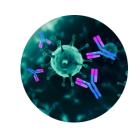
Long-term EBITDA margins of 40%



















Several de-risking milestones expected next 12 months

	ESTABLISHED PRODUCTS	GCAL	SARS-COV-2 AB	NT-PROBNP
	Targeting additional large commercial partners, while increasing direct sales	Securing additional global commercial partners and continue EU rollout	Initiating rollout in the EU with focus on the Nordics	Progress on remaining challenges in optimisation phase
MILESTONES	Bring additional established products to the market, including 3 rd party products	Continue clinical study program confirming relevance for the early detection of infections Securing additional	Entering commercial partnerships for the Nordics, while initiating direct sales	Publication on the reference method for standardisation Securing endorsements from key opinion leaders and
		endorsements from key opinion leaders		global partners

Pipeline: Finalize proof-of-concept of one new project







Gentian Diagnostics develops and supplies innovative and efficient reagents for the clinical diagnostics market

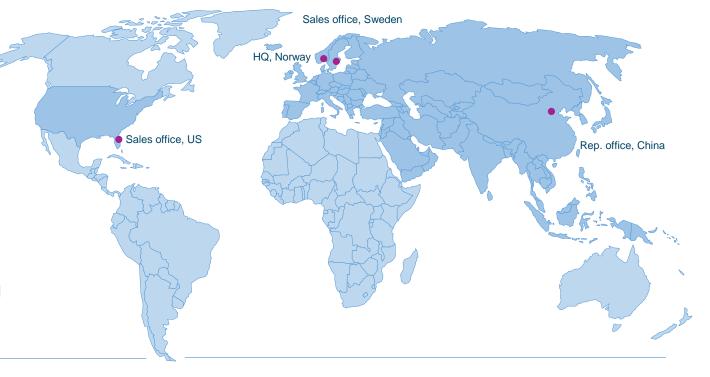
 Gentian serves the global market for human and veterinary clinical diagnostic tests

 Expertise and focus within immunochemistry, specifically in the disease areas infection, inflammation, kidney failure and congestive heart failure

 Gentian's innovative and efficient reagents can be used on all major clinical chemistry analysers, meaning no extra investments is required by the customer

 Sales mainly through global commercial partners, which are serving the laboratories being the end users

4 established products, 2 products in market development,
 1 in product development and 3 projects in exploration and 'proof of concept'



Founded

Employees

Revenue 2021

Oslo listing

Market cap

2001

~50

NOK 100m Up 27%

OSE: GENT ~

~NOK 0.6bn



How Gentian contributes to efficient diagnostics for better treatment decisions



The industry challenge



A growing diagnostics market puts increasing pressure on clinical laboratory efficiency

Many of the existing, but clinically relevant biomarkers are available only on slow and inefficient platforms

Hours from initiation of analysis to results



Gentian's solution



Particle-enhanced turbidimetric immunoassays (PETIA) based on proprietary nanoparticle technology and knowhow

Converting existing biomarkers to the most efficient automated, high-throughput analysers

10 minutes from initiation of analysis to results



High-value benefits



3-10x higher throughput significantly improves laboratory productivity and cost-efficiency

Early disease detection and faster availability of clinically relevant information leads to better treatment decisions



Combining avian antibodies and PETIA enables fast results and improved lab productivity

Avian antibodies

Avoiding interference enables conversion to PETIA

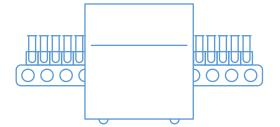
Antibodies: Proteins used by the immune system to identify bacteria and viruses

Avian antibodies: Extracted from hen eggs. Avoids interference due to lack of complement system binding antibodies and molecules, enabling analysis at lower concentrations than mammalian antibodies and conversion of existing biomarkers to PETIA

Advantages: Gentian uses avian antibodies when applicable and believes extraction from eggs rather than puncturing animals contributes to better animal welfare while also offering a cost advantage at scale

PETIA

Removing separation steps increases throughput and reduces cost



Immunoassays: Biochemical tests measuring molecule presence or concentration in human cells using an antibody

Particle-enhanced turbidimetric immunoassays: Enables moving immunoassays from low-volume to high-volume clinical analysers

Advantages: Moving immunoassays to PETIA enables removing separation steps, which increases throughput and laboratory efficiency compared to the traditional ELISA and other methods



Structured approach to product development

EXPLORATION	PROOF OF CONCEPT	OPTIMISATION	VERIFICATION	VALIDATION	LAUNCH
Clinical and commercial potential evaluated	Technical feasibility demonstrated, project plan and budget approved	Prototype developed and risk assessment performed	Prototype formally evaluated against specifications, approved by QA function	Final product tested against customer needs and regulatory requirements in clinical studies; certified for EU	Product made available to customers through direct sales and commercial partners
					• Cystatin C
					• fCAL
					• GCAL
	Project 1	NT-proBNP			Canine CRP
Project 3	Project 2				• fPELA
					• SARS-CoV-2 Ab
CHANCE OF LAUNCH	50%+	~70%	~80%	~90%	100%



Diversified sales model to ensure broad market access and maximize penetration



Global diagnostics companies

- Gentian's main strategy to secure broad roll-out and acceptance of product
- Beckman Coulter and Bühlmann/Roche
 Diagnostics are current partners falling into this
 category
- Ambition to secure one new contract with global commercial partner per year



Specialized/local distributors

- Accelerating time to revenue and awareness
- Distribution agreements in several European countries and South Korea for GCAL, Cystatin C and Canine CRP



Healthcare providers

- Direct sales to select end-users and key opinion leaders, including laboratory and hospitals
- Sales representatives in US, Sweden and HQ in Norway
- Sales office in Sweden distributes Gentian and Bühlmann Laboratories complimentary products



P&L highlights

NOKm	Q3 22	Q3 21	2021
Sales	23.1	17.2	83.1
Other revenues	2.0	2.2	16.9
Total revenues	25.1	19.4	100.0
COGS	12.8	10.8	43.2
Employee benefit expenses	10.0	8.9	39.5
D&A	2.7	2.4	7.4
Other OPEX	8.4	3.9	32.8
EBITDA	-6.1	-4.2	-15.5
EBIT	-8.7	-6.6	-22.8



Cash flow highlights

NOKm	Q3 22	Q3 21	2021
Operating activities	4.9	-2.1	-27.1
Investing activities	-3.1	-4.1	-12.8
Financing activities	0.0	-1.1	-3.1
Changes in cash and cash equivalent	1.8	-7.3	-43.0
Cash and cash equivalent at the beginning of period	92.1	138.6	158.0
Cash and cash equivalent at the end of period	93.9	131.3	114.9



Gentian board

Tomas Settevik

Chair of the Board

Tomas Settevik has experience in both life sciences and retail and is currently an independent investor and nonexec director in several companies. He was previously CEO of Stokke, and CEO of Pronova BioPharma after serving as Vice President Pharmaceuticals and Manufacturing, Mr. Settevik has also held several senior positions – VP Northern Europe, VP Marketing and R&D, and Managing Director UK/Nordic at Tvco Healthcare EMEA. Mr. Settevik holds a degree from Copenhagen Business School.

Espen T. Jørgensen

Board member

Espen Tidemann Jørgensen is currently Portfolio Manager of Holta Invest and Managing Director of Holta Life Sciences, a large shareholder in Gentian Diagnostics. He has 18 years of financial markets experience as equity analyst at DNB Markets and investor. Mr. Jørgensen was previously member of the Board of Directors at Weifa and Cortendo, and is currently board member at Decisions. Mr. Jørgensen holds a Msc in Economics and has completed 3 vears of Medicine studies at the University of Oslo.

Tomas Kramar

Board member

Mr. Kramar has more than 40 years of experience from the diagnostic industry including Siemens, Abbott and Roche Diagnostics, Mr. Kramar has held several senior positions like Global Business Manager, **Business Director** and CEO, as well as being a founding partner in the Kramar Group. In addition, Mr. Kramar has held several board positions over the years. Mr. Kramar holds an MSc degree in Chemistry from the Faculty of Engineering at Lund University in Sweden.

Kari E. Krogstad

Board member

Kari Krogstad has more than 25 years of experience from the biomedical industry, from commercial leadership roles within the pharma. biotech and medtech sectors. Ms. Krogstad has held her current role as President and CFO at Medistim ASA since 2009. She was previously General Manager at Invitrogen Dynal, Ms. Krogstad holds a Cand. Scient. degree in Molecular Biology from the University of Oslo as well as a Business degree from IHM Business School.

Susanne Stuffers

Board member

Susanne Stuffers is currently managing partner of P53 Invest AS. Previously she was an equity analyst with Arctic Securities covering the healthcare sector, and management consultant at EY. Ms. Suffers has held medical and commercial roles at Novartis and has had clinical practice as a resident in oncology at OUS Ullevål. Ms. Stuffers holds an M.D. degree from the **Erasmus University** Rotterdam and a Ph.D. degree in cancer biomedicine from the Norwegian Radium Hospital.

Fredrik Thoresen

New board member

Fredrik Thoresen is a partner in Andenaesgruppen where he joined in 2021. Mr. Thoresen has previous buyand sell-side experience from Storebrand, SEB. **DNB** and Sector Asset Management. Mr. Thoresen has an MBA in International Business from Middlebury Institute of International Studies. Monterev. California and a bachelor's degree in Computer Science and Economics from Augustana University, Sioux Falls. South Dakota

Monika Neuman

New board member

Monika Neuman has 20 years of experience from the diagnostics industry and is currently Managing Director for Sarstedt Group in the Nordics. During the past 4 years, Ms. Neuman has been working at Siemens Healthineers Laboratory Diagnostics HQ in Tarrytown, NY, to set a successful strategy for launch and implementation of a new product portfolio on the global IVD market. Ms. Neuman holds a MSc degree in Biochemistry and a PhD degree in Clinical Bacteriology from Medical Faculty at Göteborg University in Sweden.

Frank Frantzen

New board member

Frank Frantzen has more than 35 years of experience from the diagnostic industry. He has served as principal scientist and has directed larger R&D units in international IVD companies Axis-Shield. Alere and Abbott, Mr. Frantzen left his Senior Director R&D position at Abbott in 2021 and is currently serving as Chief Technology Officer in CardiNor AS. Mr. Frantzen holds a master's degree in chemistry and a PhD, both from the Norwegian University of Science and Technology in Trondheim.



Top 20 shareholders

Shareholder	No of shares	%
Vatne Equity AS	2 110 224	13.68%
Kvantia AS	1 623 368	10.53%
Holta Life Sciences AS	1 214 702	7.88%
Verdipapirfondet Delphi Nordic	970 934	6.29%
Safrino AS	800 000	5.19%
Skandinaviska Enskilda Banken AB	489 000	3.17%
Salix AS	390 689	2.53%
Verdipapirfondet DNB SMB	361 291	2.34%
Verdipapirfondet Storebrand Vekst	344 292	2.23%
Equinor Pensjon	300 047	1.95%
Portia AS	300 000	1.95%
Cressida AS	235 000	1.52%
J.P. Morgan SE	232 922	1.51%
Lioness AS	220 000	1.43%
Marstal AS	212 407	1.38%
Mutus AS	210 465	1.36%
Carpe Diem Afseth AS	208 797	1.35%
Krefting, Johan Henrik	196 400	1.27%
Vingulmork Predictor AS	184 083	1.19%
Silvercoin Industries AS	175 657	1.14%
Other Shareholders	4 642 612	30.10%
Total Shares	15 422 350	100.00%

^{*} As per 30 September 2022.

