



Glycosensors and Diagnostics, LLC



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Company Profile

Industry Sector: Biotechnology, Biopharma

Company Overview: Glycosensors and Diagnostics, LLC (G&D) is commercializing the Lectenz® and GlycoSense™ platforms (patents pending) for the high-throughput and cost-effective characterization of the glycosylation profiles (glycoprofiles) of biomolecules. These enabling technologies address unmet needs in disease biomarker detection and the production and development of therapeutic biologics and biosimilars.

Target Market(s): Biopharma, CMOs, CROs, and research institutes.



Key Value Drivers

Technology*: G&D's Lectenz® and GlycoSense™ platforms support glycan identification and analysis for applications in disease biomarker detection and bioprocessing of biologics and biosimilars.

Competitive Advantage: G&D's products offer a robust, cost-effective, and unique solution (patents pending) to current bottlenecks in glycan analysis and will simplify the workflow associated with glycoprofiling during biologics development, biomanufacturing, diagnostics, and R&D.

Plan & Strategy: Develop G&D into a high growth venture by establishing strategic product partnership(s) and securing strategic investment for launching glycan analysis products in bioprocessing market.



Management

Leadership:

Kausar N. Samli, Ph.D., CEO – Tech entrepreneur, strategy, partnerships, investor relations.

Robert J. Woods, Ph.D., President, Professor of Biochemistry at the University of Georgia – Productization, commercialization strategy, research direction.

Lori Yang, Ph.D., CSO – Technological development, corporate partnerships, non-dilutive funding.

Corporate Advisors & Consultants:

Ballard Spahr, LLP – Licensing expertise.

Couch White, LLP – Corporate law expertise.

Insperty – Professional employer organization services.

Jameson & Company, LLC – Specialized CPA firm.

Mueting, Raasch & Gebhardt, P.A. – IP prosecution.



Product Pipeline

1. Pipeline One: GlycoSense™ bioprocess monitoring kits for near real-time qualitative glycan analysis of biologics during biomanufacturing. (2016)

2. Pipeline Two: N-glycan Lectenz® for the detection and enrichment of N-glycoproteins relevant for the manufacturing of biologics such as mAbs. (2016)

3. Pipeline Three: O-GlcNAc Lectenz® for the detection and downstream analysis of the O-GlcNAc marker relevant for diseases states including cancer. (2016)

4. Pipeline Four: Sialic Acid Lectenz® for the detection of terminal sialic acid relevant for the manufacturing of biologics and analysis of markers relevant to PSA and influenza. (2017)