

Company: Cernostics delivers next generation cancer diagnostic and prognostic tests through a unique approach to tissue analysis, digital pathology, and healthcare delivery re-engineering.

Solution:

Cernostics takes a tissue systems biology approach to anatomic pathology. Its patent-protected technology platform, [TissueCypher™](#), uniquely analyzes whole slide digital images with multiplexed fluorescence, providing greater information and accuracy than traditional subjective tissue diagnostics. TissueCypher™ simultaneously evaluates multiple tumor, immune, and stromal cells, processes, and biomarkers on a single slice of tissue, and provides a new path for the development of novel diagnostic tests for digital and anatomic pathology.

Cernostics' lead product is [TissueCypher: Barrett's](#). TissueCypher: Barrett's uses whole slide digital imaging technology to develop the most comprehensive evaluation of risk for Barrett's Esophagus patients. It focuses on eliminating the uncertainty related to the treatment of Barrett's Esophagus patients and provides actionable information to gastroenterologists.

Founded: Founded as a spin-off of Cellumen, Inc. in 2008

Investors: Investors include Novitas Capital, Geisinger Health System, Pittsburgh Life Sciences Greenhouse, and Ben Franklin Technology Partners of Northeast Pennsylvania

Partner: Geisinger Health System, one of the leading integrated healthcare delivery organizations in the US, with more than 20,000 employees and \$6 billion in annual revenue

Collaborators: Academic Medical Center (Amsterdam), Prisma Analytics, University of Pennsylvania, University of Pittsburgh, West Penn Allegheny Health System

Leadership

Board of Directors:

Noel Doheny, CEO, Epigenomics USA

Mike Hoerres, CEO, Cernostics

Jim Peters, System Vice President, Office of the President, Geisinger Health System

Paul Schmitt, Managing Director, Novitas Capital

Leadership Team:

Mike Hoerres, Chief Executive Officer

Rebecca Critchley-Thorne, Ph.D., Director of Biomarker & Diagnostic Development

Bruce B. Campbell, Director of Imaging Informatics

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