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Bioptigen

FROST & SULLIVAN
2007 BEST PRACTICES AWARD

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

Larta Institute

National Institutes of Health Commercialization Assistance Program (NIH-CAP)
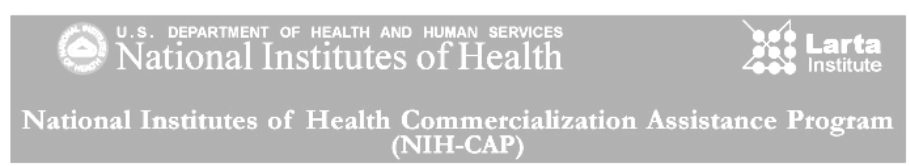
Company Profile

Industry Sector: Medical Devices, Imaging

Company Overview: Bioptigen's pioneering in vivo optical imaging technology allows researchers and clinicians to see pathologies at their earliest stages. The sophisticated SDOCT hardware and software system enables real-time non invasive imaging of internal tissue microstructure at an unmatched level of precision and depth. Our system extends the application space to cover a wide range of human and animal subjects. These advances make it possible for researchers to open up new avenues of biological exploration and development, and clinicians to foster advances in disease detection and management.

Target Market(s): Academic and industrial research ophthalmology, clinical ophthalmology.

FDA 510(k) clearance received 2006

Key Value Drivers

Technology: Bioptigen Spectral Domain Optical Coherence Tomography is a non-invasive imaging technique using spectral interferometry to obtain high resolution depth-resolved images of biological tissue in real-time.

Competitive Advantage: Bioptigen offers the highest resolution, greatest imaging depth, and most versatile system for real-time imaging.

Plan & Strategy: Bioptigen is leveraging its position in the research market to develop and deliver advanced imaging tools to improve clinical healthcare.

Translational Research → Clinical Diagnostics

Pre-Clinical Research → Clinical Research → Specialists / Therapeutics → Generalists / Low Cost

Management

Leadership:
Eric Buckland, PhD, Co-Founder, President and CEO
Joseph Izatt, PhD, Co-Founder, Chairman and CTO
Tom Sekel, VP Financial Operations
Robert Hart, Director of Product Development
Bennett Groshong, Director of Software Development
Eric Schneider, Director of Manufacturing

Lead Adopters:
Dr. Cynthia Toth, Professor of Ophthalmology Vitreoretinal Diseases and Surgery, Duke University
Dr. Joel Schuman, Professor and Chairman of Ophthalmology, University of Pittsburgh

Product Pipeline

Q1 08	Q2 08	Q3 08	Q4 08	Q1 09	Q2 09	Q3 09	Q4 09

Small Animal Retinal SDOCT Imaging System

Clinical Ophthalmic SDOCT Imaging System

Portable Ophthalmic SDOCT Imaging System

InVivoVue Clinic™ Imaging Software and Remote Reader

Diagnostic Normative Database and Reports