

Contact: Sudhir Shah Location: Palo Alto, CA

Email: sudhir@idfishtechnology.com

Tel: 650-269-8610

Website: under development

Company Overview

Industry Sector: Medical Devices

Company Overview: ID-FISH Technology Inc. is committed to development of in-expensive, easy to perform diagnostic tests for infectious diseases, using fluorescent-labeled oligomer probes. The company is currently focusing on developing rapid, inexpensive florescent *in situ hybridization (FISH) assays for* detecting pathogens causing malaria and tuberculosis in clinical samples.

Target Market(s): Hospitals and Private Clinical Laboratories, worldwide.

Management

Leadership:

Sudhir Shah, President and CEO Jyotsna Shah, Chief Strategy Officer Nick Harris, Vice President of Operations

Scientific Advisory Board:

James Larrick, M.D., Ph.D. President and CEO, Panoroma Research Institute and Scientific Director of Palo Alto Institute for Molecular Medicine Mary York, Ph.D, AMBLI, President, Mary York Consulting Firm Raymond S. Poon, Ph.D., MBA. Founder and President of Biotechnology Group





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

Key Value Drivers

Technology*: FISH assay is an *in vitro* fluorescent in situ hybridization (FISH) microscopic test for direct, semi-quantitative detection and differentiation of pathogens in clinical samples and culture. The target is ribosomal RNA (rRNA). rRNA is highly abundant in a cell, therefore amplification is not required. rRNA molecule has some very highly conserved regions and some variable regions. Thus it is possible to design genus, species and strain specific probes. Due to this unique property of the rRNA, FISH assays that can detect and differentiate between various species of the pathogen can be developed.

Competitive Advantage: The FISH assay is a simple, rapid and an in-expensive test. The only requirement is a Fluorescence microscope. The specificity of the assay is equivalent to amplified assays and the sensitivity is equivalent or better than standard microscopy.

