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



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

## 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.

## 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.

## Management

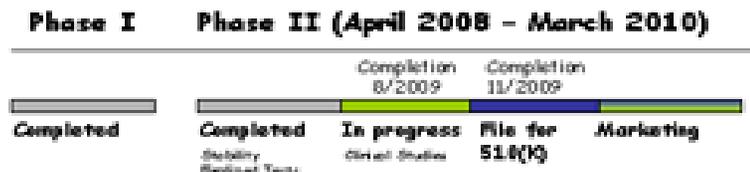
### Leadership:

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, Panorama 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

### Malaria FISH Assay KIts



### MTB FISH Assay KIts

