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Company Profile

Industry Sector: Life Science Instrumentation

Company Overview: CellASIC develops and commercializes innovative microfluidic products for live cell analysis. The company was founded in 2005 from the UC Berkeley Department of Bioengineering and has since established itself as a pioneer in delivering cutting-edge microfluidics to the market. Our core technology enables drastically miniaturizing cell culture screening while recreating the physiologic microenvironment of tissues.

Target Market(s):

- In vitro toxicology screening
- Cell-based screening
- Drug discovery and development tools

Management

Leadership:

Philip Lee, Ph.D. Director of R&D, co-founder Paul Hung, Ph.D. CTO, co-founder

Scientific Advisory Board:

Professor Luke Lee, Dept. of Bioengineering, UC Berkeley





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

Key Value Drivers

Technology:

- High density microfluidic cell culture arrays for primary cell screening
- Improved function and cost savings for hepatocyte toxicology studies
- Core technology can be applied to many different cell screening applications

Competitive Advantage:

- Proprietary microfluidic design provides improved cellular behavior with 10X fewer cells/reagent per data point
- Continuous flow microchambers improves data quality vs. microtiter plates
- Innovative 96 and 384 well interface adapts to existing automation robots

Plan & Strategy:

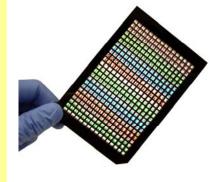
- Prototype 384 well culture arrays to be completed in Q2 of 2008
- Currently seeking partnerships with drug screening experts for validation
- Then secure capital to deliver and market automated platform(s)

Product Pipeline

CellASIC currently markets the ONIX[™] dynamic cell culture platform for advanced cell biology research.

Upcoming products include:

- The PerL (Perfusion Liver) hepatocyte array for in vitro toxicology screening
- The MiCA (microfluidic cell array) for high throughput primary cell culture and assay



^{*}Technology funded by the NCI and being commericialized under the NIH-CAP.