



EXECUTIVE SUMMARY

The Company Co-Diagnostics is a Utah molecular diagnostics company based in Sandy, Utah, USA. The company develops, and intends to manufacture and market, both a new state-of-the-art diagnostics technology and a proprietary test menu. Using the power of computers to create unique mathematical models instead of relying on costly laboratory infrastructure, the company has created a revolutionary new DNA/RNA-based testing platform.

The Technology Co-Diagnostics scientists were among the first to understand the complex mathematics of qPCR (quantitative polymerase chain reaction) test design, to “engineer” tests and to automate algorithms that rapidly screen millions of possible options to pinpoint an optimum design. This bio-engineering approach to test development is based on “cooperative theory,” a new generation of mathematical analytics. The company’s flagship technical advance involves CoPrimers™, a novel approach to qPCR test creation that greatly eliminates one of the most vexing issues of PCR amplification - the exponential growth of primer-dimer pairs (false positives). Primer dimers can impede identification of target DNA/RNA. In cancer diagnostics, its assay development tools are particularly well-suited to liquid biopsy, companion diagnostics and multiplex primer-dimer reduction.

Recent Milestones The company presented at SALSS in 2015 and returns to the Summit this year with considerable success in the interim.

- Co-Diagnostics completed an IPO and is now a NASDAQ-listed corporation (CODX).
- It has formed relationships with Caribbean health care facilities and a joint-venture manufacturing agreement with Synbiotics Ltd., a subsidiary of Asence Inc.
- The company has been contacted by large biotechnology companies interested in licensing its technology in the development of their own products.
- Its Zika virus assay is currently being prepared for validation, and qPCR cancer tests in development include: an HPV panel that is ready for validation, a breast cancer screen and an SNP-detection assay.