Cell IDx and Leica Biosystems Partner to Answer the Need for Rapid, Automated Multiplex Chromogenic Staining

San Diego, CA, April 22, 2021 -- Cell IDx has partnered with Leica Biosystems, a technology leader in automated staining and brightfield and fluorescent imaging to offer a complete package of reagents and instrumentation for multiplex chromogenic staining and imaging.

Cell IDx's UltraPlex technology allows the automated chromogenic detection of multiple markers on the BOND RX staining system. Overcoming many of the barriers previously faced in performing multiplex chromogenic staining, the technology uses primary antibodies from any species, employs a single antigen retrieval step and cocktails of antibodies, allowing detection of three chromogen stains in 4.5 hours and four chromogen stains in 6 hours. The process is simple, rapid, and fully automated on the BOND RX platform and Aperio Brightfield scanners.

Combining Cell IDx's UltraPlex chromogenic multiplex IHC technology with Leica Biosystems automated staining and high throughput imaging systems will allow researchers to detect three or more markers chromogenically on a single slide using a straightforward fully automated pathology workflow. "With this co-marketing launch, Cell IDx very much looks forward to working with Leica Biosystems to provide these technologies to researchers in pharma, biopharma and research. Furthermore, we are expanding the range of available multiplex panels, and offering rapid development of custom multiplex biomarker panels" said David Schwartz, Chief Executive Officer at Cell IDx.

"With tissue sample sizes decreasing, and scientific advancements expanding the number of actionable biomarkers, multiplexing is a technique increasingly utilized by researchers to explore complex biology," said Colin White, PhD, Global Vice President of Advanced Staining & Imaging at Leica Biosystems. "We are very pleased to be able to offer investigators an automated version of Cell IDx's UltraPlex innovative, multiplex immunochromogenic technology on the BOND RX, thereby supporting research excellence through workflow efficiency and stain consistency."

UltraPlex chromogenic multiplex IHC technology is For Research Use Only. Not for Diagnostic or Therapeutic Use.

About Cell IDx

Cell IDx is a technology leader in multiplexed tissue profiling, developing highly sensitive and specific chromogenic and fluorescent multiplex immunohistochemistry reagents to meet the needs of precision medicine. Our UltraPlex platform barcoding technology has enabled the generation of UltraPlex chromogenic and fluorescent multiplex immunohistochemistry panels, providing simultaneous detection of multiple markers in tissue sections and allowing analysis of sub-populations of cells *in situ* in the context of tissue morphology. Multiplex staining is achieved in virtually the same time it takes to perform a single marker stain, enabling truly rapid tissue phenotyping on a large scale. Our vision is the widespread application of this technology to address both the present and future needs of the research and clinical markets in oncology, immuno-oncology and other disease states. We offer an ever-expanding range of multiplex staining panels as well as rapid development of custom panels, tissue staining, imaging and analysis services. Cell IDx is based in San Diego, CA. For more information, visit cellidx.com.

About Leica Biosystems

Leica Biosystems is a cancer diagnostics company and a global leader in workflow solutions. Only Leica Biosystems offers the most comprehensive portfolio that spans the entire workflow from biopsy to diagnosis. With unique expertise, we are dedicated to driving innovations that connect people across radiology, pathology, surgery and oncology. Our experts are committed to delivering Improved Quality, Integrated Solutions, and Optimized Efficiencies leading to breakthrough advances in diagnostic confidence. Our mission of “Advancing Cancer Diagnostics, Improving Lives” is at the heart of our corporate culture. The company is headquartered in Germany and operates in over 100 countries with manufacturing facilities in 9 countries. Visit LeicaBiosystems.com for more information.