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Thermo Fisher introduces Invitrogen EVOS S1000 Spatial Imaging System

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New spatial imaging system enables researchers to generate high-quality data



Thermo Fisher Scientific Inc., the world leader in serving science, has introduced the Invitrogen EVOS S1000 Spatial Imaging System. This advanced system addresses the limitations of current fluorescent microscopy technologies by enabling researchers to generate a multiplexed high-quality image for multiple samples within several hours, thereby lowering the barrier to entry into spatial tissue proteomics.

The EVOS S1000, from Thermo Fisher Scientific's innovative line of cell imaging microscopes and systems, leverages advanced and patented spectral technology, allowing researchers to capture images of up to 9 different targets simultaneously, which helps reduce the need for multiple rounds of imaging and preserves tissue integrity.

"Understanding tissue structure and function is crucial for developing new treatments for solid tumors and neurodegenerative diseases," said Trisha Dowling, vice president and general manager for flow and imaging technologies at Thermo Fisher Scientific. "The EVOS S1000 delivers a detailed snapshot of tissue microenvironments and architecture in their native state, helping researchers accelerate their experiments, achieve more with their tissue samples and drive advancements in critical research areas."

The system's compatibility with a wide range of reagents and antibodies enables seamless integration into existing laboratory setups, helping meet the growing demand for multiplex imaging.

Now commercially available in the United States and Europe, the EVOS S1000 Spatial Imaging System provides researchers with the tools they need to help advance the understanding of complex biological systems and develop new treatments for various diseases.