PerkinElmer expands in vivo instruments portfolio

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Launches first-of-its-kind automated ultrasound platform to accelerate preclinical research

PerkinElmer, Inc. has announced the expansion of its *in vivo* imaging portfolio with the launch of the Vega imaging system, a first-of-its kind ultrasound platform that combines hands-free, automated technology with high-throughput capability to accelerate non-invasive research and drug development studies of cancer, liver and kidney disease, cardiology and more.

PerkinElmer is one of the leading providers of preclinical imaging systems spanning multiple modalities across ultrasound, optical and microCT, including the widely adopted IVIS optical imaging platform.

The Vega system eliminates challenges associated with conventional hand-held ultrasound systems through the use of two automated transducers located below the imaging stage. This innovative design results in easy-to-use technology which can be operated without a dedicated sonographer, while producing more consistent results compared to traditional ultrasound systems.

The Vega system's high-throughput capability allows researchers to sequential scan up to three subjects in just a few minutes. Additionally, widefield imaging enables researchers to visualize pathophysiology of disease or effects of therapies within the broader anatomical and pathological context.