



Scintica and PhotoSound announce partnership for the distribution of its preclinical TriTom Imaging System

[April 22, 2021] Scintica is excited to announce its distribution agreement with PhotoSound, manufacturer of the TriTom, Small Animal Whole Body *In Vivo* Imaging system based on PhotoAcoustic Fluorescence Tomography (PAFT).

PhotoSound Technologies, Inc. has been developing and commercializing devices and electronic components for biomedical imaging utilizing optics and photoacoustics. They develop imaging platforms for *in vivo* preclinical research and drug discovery utilizing co-registered photoacoustic and fluorescent 3D images acquired simultaneously.

The TriTom platform is based on Photoacoustic Fluorescence Tomography (PAFT) technology that provides unparalleled capabilities for whole-body imaging and *in vivo* characterization of small animal models. Complimentary 3D imaging modalities are integrated into a single powerful instrument by enabling co-registered Photoacoustic Tomography and Fluorescence Molecular Tomography. Combining high-resolution photoacoustic imaging with high contrast fluorescence optical tomography allows deep quantitative tissue imaging, superior molecular sensitivity, and 3D localization of anatomical, functional, and molecular data.

The TriTom imaging system has a broad spectrum of preclinical research applications ranging from cancer, toxicology, developmental biology to tissue engineering and regeneration.

"We are excited to introduce the photoacoustic technology to the research community. The platform provides high-resolution anatomical registration of optical biomarkers while maintaining high molecular sensitivity, allowing for a broad range of applications and research," says Blair Poetschke, President of Scintica Instrumentation.

"Together with Scintica we are proud to present to the biomedical research community our flagship imaging technology TriTom, which was developed to address critical customer needs in high-fidelity *in vivo* whole-body molecular imaging of preclinical small animal models," says Sergey Ermilov, an inventor of TriTom technology and the CEO of PhotoSound.

About Scintica:

Scintica is a value-added reseller of advanced preclinical research instrumentation with locations in Canada, the USA, and Europe. Our team of scientists on staff has the depth of experience to guide scientists in real-world applications of the equipment and provide the training and support to help our customers get results. Scintica carries a diverse but synergistic portfolio of products, encouraging a holistic approach to science, ranging from laboratory equipment & tools for imaging, lab equipment, cellular, and tissue monitoring.

For more information, please contact us at info@scintica.com or visit www.scintica.com. Or via telephone: USA (832) 548-0895; Canada (519) 914-5495; Europe 31 43 808 00 14.

About PhotoSound:

PhotoSound excels in research, development and manufacturing of biomedical imaging technologies based on optics and photoacoustics. Engineers and scientists at PhotoSound possess some of the best expertise in development of biomedical systems and associated software, including imaging instrumentation, complex electronic boards for data acquisition and control, transducers, sensors and tunable lasers. PhotoSound extensively collaborates with academic institutions worldwide on the development of technologies associated with biomedical optics and photoacoustics. On the commercial side, all employees at PhotoSound are committed to provide every customer with the highest quality products and services with short delivery times and competitive pricing.

For more information, please contact us at info@pst-inc.com, via telephone +1 (713) 401-9407 or visit www.photosound.com.