

For immediate release:

MILabs installs versatile Hybrid OI/CT system at Guangdong University of Technology

UTRECHT, The Netherlands, November 28, 2017 – The Institute of Biomedical and Pharmaceutical Sciences at Guangdong University of Technology in Guangzhou – China, has successfully installed a VECTor⁵ Hybrid OI/CT system from MILabs.

This unique *in vivo* small animal imaging system combines three optical molecular imaging techniques - bioluminescence, fluorescence and Cherenkov luminescence – with ultra-high-resolution CT anatomical imaging. While each individual optical imaging modality offers industry-leading performance thanks to the use of a deep-cooled camera, users gain most benefits from the fusion of functional optical information with detailed anatomical CT data. MILabs' VECTor is the first and only optical imaging platform that comes with 3D/4D diagnostic CT imaging capabilities, allowing users to extract more data from fewer animals.



Guangdong University of Technology (GDUT) is one of Guangdong's leading universities. It is a comprehensive research-oriented university, offering a wide range of courses in engineering, science, technology, management, liberal arts and law. GDUT was formerly known as Guangdong Institute of Technology, which was found in 1952. Approved by the State Education Commission in June 1995, it merged Guangdong Institute of Mechanical Engineering and the east campus of South China Institute of Architecture.

According to Dr. Song, investigator of Institute of Biomedical and Pharmaceutical Sciences at GDUT: "We are excited about the installation of MILabs Hybrid/OI/CT system since it offers research capabilities beyond those of other optical imaging systems by linking optical function imaging to high-quality CT imaging, even in complex biological systems such as small mouse models of human diseases. This multi-modality system will

promote our development of a high-level university and I'm looking forward to seeing our team members reach more and more scientific achievements."

Prof. Frederik Beekman, MILabs CEO adds: "We are looking forward to collaborating with GDUT's Institute of Biomedical and Pharmaceutical Sciences. Their dedication of large resources to the research and development of innovative new drugs and medical products is synergistic with our own strategy of supplying the most advanced molecular imaging systems to the global scientific community".

About Guangdong University of Technology

Guangdong University of Technology is a key university of Guangdong Province with a history of over 50 years. The University attaches great importance to scientific research and disciplinary development. For years, the University has undertaken a large number of key research projects from the state, province and the local government as well as international joint research projects, including close links and partnerships with over 150 universities, enterprises and research institutes in America, Russia, Britain, France, Germany, Canada, Australia, New Zealand, Korea, Japan, Thailand, etc.

About MILabs

MILabs B.V. (Utrecht, the Netherlands) provides high-end integrated multimodality imaging solutions for biomedical and pharmaceutical research, designed to deliver high-definition molecular, functional and anatomical images. Today these systems contribute worldwide to the development of new diagnostic solutions and therapies for diseases such as diabetes, cancer, cardiac and neurodegenerative diseases. Whether offered as stand-alone units or in hybrid configurations, MILabs is truly pushing the performance limits in terms of image quality and multi-modal functionality. With 0.14 mm SPECT and 0.6 mm PET resolution, nuclear imaging performance is currently approaching physical limits, set by the positron range for PET. Complemented by X-ray CT and Optical Imaging with unique autonomous operation on an integrated multi-modal platform, multimodality imaging is supported by a simple, intuitive and user-friendly operation to ensure highly efficient workflows, including single-pass PET, SPECT, Optical and CT imaging of small animals with a single dose of anesthesia. For more information, visit www.milabs.com or contact MILabs at info@milabs.com

<https://www.milabs.com/installation-versatile-hybrid-oi-ct-system-guangdong-university-technology/>

