For Immediate Release

UPENN and MILabs join forces to advance SPECT pre-clinical Imaging

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University of Pennsylvania, in Philadelphia, PA has installed a **MILabs U-SPECT^{+}** system to advance several ongoing research topics. The U-SPECT^{+} delivers ultra-high resolution, sensitivity, and scanning speed yielding quantification results for brain, cardiac, cancer and musculoskeletal applications. The system is installed in the John Morgan Building at the University of Pennsylvania Perelman School of Medicine. Utilization of the system will be led by Research Associate Professor Scott Metzler, PhD. of the Physics and Instrumentation Group of the Department of Radiology. Dr. Metzler's work focuses on high performance SPECT instrumentation and image reconstruction including the development of adaptive SPECT. Much of this new development work will be a collaboration between the University of Pennsylvania, MILabs and Delft University of Technology (PI Prof. Freek Beekman, Ph.D.). In addition the Department of Radiology at U-PENN will use the U-SPECT+ in various biomedical applications, such as brain and cardiac research.

MILabs is very excited to have the opportunity to work with such a prestigious institution and team of excellent investigators at the University of Pennsylvania and for the U-SPECT^{+} system to play such a significant role in supporting the development and advancement of biomedical research.

About the University of Pennsylvania

UPENN is one of the nation's premier research institutions with more than $700M in annual R&D expenditures. Within the University of Pennsylvania, the Perelman School of Medicine advances research and academic efforts at Penn and neighboring scientific communities with 21 research cores offering a complete range of services. Penn has a long history of

development of nuclear medicine instrumentation in both SPECT and PET dating back to pioneering work in the 1970's. The Physics and Instrumentation Research Group works to continue this tradition with development of new technology and collaboration between basic science and clinicians to optimize their use for both clinical and pre-clinical imaging applications.

www.pennmedicine.org

About MILabs

MILabs provides high-end preclinical molecular imaging solutions for biomedical and pharmaceutical research. Today these systems contribute worldwide to the development of new diagnostic solutions and therapies for diseases such as cancer, cardiac and neurodegenerative diseases and diabetes. U-SPECT/CT provides the fastest, most sensitive and highest resolution small-animal SPECT currently available. Recently MILabs introduced VECTor^{+} and VECTor/CT providing extremely user friendly, fully integrated and simultaneous ultra-high resolution SPECT/PET.

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