

BIOSKETCH

Jae Sung Lee received his bachelor's degree of electrical engineering and PhD of biomedical engineering from Seoul National University (SNU), Seoul, Korea in 1996 and 2001, respectively. He then worked as a postdoctoral fellow of radiology at John Hopkins University. In 2005, he joined SNU College of Medicine where he is currently a professor of nuclear medicine and biomedical sciences. His early academic achievements are mainly related with the PET/SPECT imaging studies for understanding the energetics and hemodynamics in brain and heart. The most notable achievement of Dr. Lee's group since the foundation of his own lab in SNU is the development of PET systems based on a novel photo-sensor, silicon photomultiplier (SiPM). He has published 8 book chapters and over 250 papers in peer-reviewed journals and received multiple research awards from various scientific societies. He is the editor-in-chief of Biomedical Engineering Letters (BMEL) and serves as editorial and advisory board members for several other international scientific journals. In 2013 IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC), he was the MIC program chair. He is currently the chair of the Nuclear and Medical Imaging Sciences Council of the IEEE Nuclear and Plasma Sciences Society (IEEE NPSS).