

Krisanat Biography

Krisanat is currently an assistant professor and working as a nuclear medicine physicist at the Faculty of Medicine Ramathibodi Hospital, Mahidol University. Krisanat received his Ph.D. in Imaging Sciences and Radiation biology from King's College London, United Kingdom. During his time at KCL, Krisanat had a chance to work with the small animal SPECT/CT and PET/CT. He had several published works on the image quantification in preclinical imaging, human-equivalent dosimetry based on preclinical data and the development of novel diagnostic and therapeutic radiotracers for sodium iodide symporter (NIS).

Now, his research interests span both radiation protection and internal dosimetry. Much of his work has been on nuclear medicine dosimetry for radioactive iodine and radioligand lutetium therapy, radiation safety and innovations in radiation protection in nuclear medicine. He is also an IAEA expert for internal dosimetry, quality management and radiation protection.