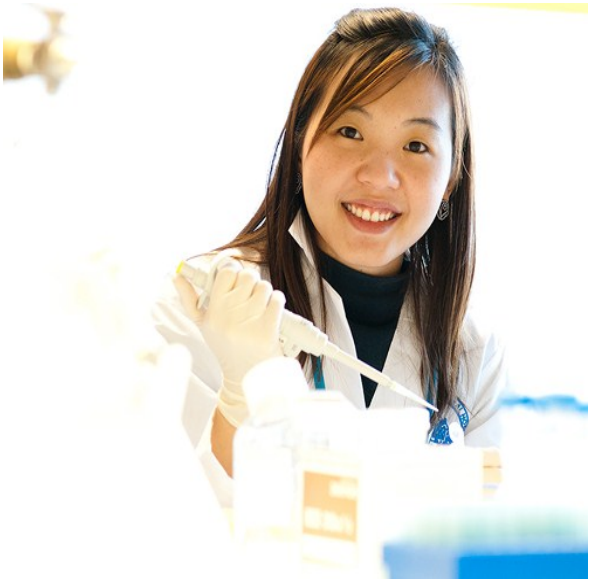
ANCHISA KUNAWUDHI:Thailand

Cancer-Related Nuclear Medicine and Molecular Imaging.



Dr. Anchisa Kunawudhi is a Nuclear Medicine physician from the National Cyclotron and PET Centre, Chulabhorn Hospital, Chulabhorn Cancer Center, Thailand. At her home institution, she is responsible for cancer diagnostics and treatments, which include PET/CT interpretation, Nuclear Medicine targeted therapy and cyclotron production. Since September 2011, Dr. Anchisa has performed her research fellowship training at Massachusetts General Hospital (MGH) in Boston, Massachusetts as part of the U.S. IAEA fellowship program. Her fellowship is supervised by Dr. Umar Mahmood, Associate Professor of Radiology at Harvard Medical School and Co-Director of the Nuclear Medicine & Molecular Imaging Division at MGH.

At MGH, Dr. Anchisa engages in both basic science and clinical research in cancer-related Nuclear Medicine and Molecular Imaging. Her basic science research is focused on cell tracking and reporter gene imaging with PET. Dr. Anchisa is directly involved in the development process of new tracers, animal micro PET, experiments in cancer cell lines and in rodent tumor model imaging. Her hands-on experience with all aspects of the project will allow her to translate these techniques to her home institution after her fellowship. For the clinical research, she recently finished her project in ^{99m}Tc-MDP bone scan response after targeted treatments in prostate cancer patients, which is now in the abstract review process for the SNM 2012 annual meeting. In addition, Dr. Anchisa spends one day a week in PET/CT interpretation with her advisor and other distinguished professors at MGH. These sessions allow Dr. Anchisa to improve her PET/CT readout skills and learn about clinical usage of new PET tracers that are currently not available but have significant potential for Thailand. She also had a chance to visit the MGH PET/MRI site, which has shaped her perspective of the cutting edge technologies in Nuclear Medicine.

Trained 9/19/2011—7/19/2012