

CURRENT TRENDS IN PET RADIOPHARMACY, DIAGNOSTIC & THERAPEUTIC APPLICATIONS

Tamer B. Bayomy, PhD, ABSNM

Nuclear Medicine Department, International Medical Centre, Cairo, Egypt

PET radiopharmaceuticals are extensively used all over the world for different diagnostic and therapeutic applications. Although ^{18}F -FDG is the most common tracer being used in PET diagnosis, many other cyclotron and generator produced radiopharmaceuticals are dragging more attention to cover the known limitations of FDG. Theranostics are trending now as a successful combination of a predictive biomarker with a therapeutic agent that showing confident achievements in specific targeted therapy.

Biography

Dr. Tamer has completed his PhD at the age of 33 years from Cairo University. He is an Expert / Lecturer for the IAEA since 2010. He was granted the American Board in Radiopharmacy in June 2014. He is the head of the Cyclotron Department, International Medical Centre, Cairo, Egypt from 2016 till now. He worked as the Head of Cyclotron in King Hamad University Hospital, Bahrain from 2012 to 2016. Worked as Senior Radiopharmacist and acting cyclotron head in King Fahd Specialist Hospital, Dammam, Saudi Arabia from 2005 to 2012.

tamirbayomy@yahoo.com