

Post Date: March 14, 2012

Organization: University of Texas MD Anderson Cancer Center

Position: Senior Radiochemist

Location: Houston Texas

Reference URL: <http://www.mdanderson.org/careers>

**Job Description Details:**

**SUMMARY:** Function: Responsible for manufacturing and quality control of radiopharmaceuticals for Positron Emission Tomography (PET) undergoing clinical and preclinical research protocols.

**Scope:** Impacts translational research program at the Center for Biomedical Imaging Research (CABIR).

**ESSENTIAL JOB FUNCTIONS:**

Operates, maintains and calibrates automated and semi-automated radiopharmaceutical manufacturing and quality control equipment. Performs and functions in all duties associated with manufacturing and quality control of diagnostic imaging agents for PET in an independent manner. Responsible for day-to-day operations of radiopharmaceutical manufacturing and quality control equipment. Provides guidance and supervision to other radiochemists and quality control personnel in the facility. Reviews, evaluates, and follows Standard Operating Procedures (SOPs) to comply with Current Good Manufacturing Practice for manufacturing of PET radiopharmaceuticals. Plans and conducts tests to generate data in support of Chemical Manufacturing and Control (CMC) documents as part of INDs submissions. Proposes and conducts experiments to implement manufacturing and quality control methods for new radiopharmaceuticals. Follows and observes all radiation safety procedures in agreement with the ALARA principle. Provides related training to other staff members as required.

**Job Description-Requirements**

**EDUCATION:** Required: Bachelor's degree in Chemistry, Biochemistry or related field.

**EXPERIENCE:** Required: Five years experience in manufacturing and or quality control of PET radiopharmaceuticals.

**LICENSURE/CERTIFICATION:** Preferred: Authorized user listed in Radioactive Materials (RAM) License as per Nuclear Regulatory Commission (NRC).