



Job Title:	Chemistry Technician II	Department:	Center for Molecular Imaging & Therapy (CMIT)
Reports To:	Radiopharmaceuticals Director	Classification Type:	Non-Exempt
Level/Salary Range:		Master Job Description:	Yes ☐ No ☐
Supervises:	N/A		

Job Description

POSITION SUMMARY

Primarily responsible for routine production and quality control testing of clinical Positron Emission Tomography (P.E.T.) radiopharmaceuticals and assisting Radiochemists with synthesis, analytical and other research and development activities.

ESSENTIAL FUNCTIONS

Responsibilities include but not limited to:

- Responsible for assisting chemists in research and development activities.
- Responsible for the production and quality control testing of routinely produced P.E.T. radiopharmaceuticals.
- Responsible for general upkeep of equipment used in manufacturing and QC procedures (synthesis modules, HPLCs, gas chromatograph, strip scanner, MCA).
- Responsible for ordering, receiving, and testing of chemicals, equipment, and supplies needed for production and distribution of P.E.T. radiopharmaceuticals.
- Assists with the operation of cyclotron and maintenance of chemistry modules.
- Assists administrative personnel in maintaining shipping paperwork, tracking deliveries, and preparing for future deliveries.
- Follows and upholds:
 - Standard Operating Procedures (SOP)
 - cGMP (Current Good Manufacturing Procedures)
 - Radiation safety guidelines
 - Pharmacy rules and regulations
 - Company policies and procedures
 - Rules and regulations of other applicable governing organizations (DOT, NRC, DEQ)
- Utilizes aseptic technique to ensure sterilization of final product and continued sterility testing.
- Responsible for organization and general housekeeping of laboratory

MINIMUM QUALIFICATIONS AND EDUCATION REQUIREMENTS

Bachelor of Science Degree in Chemistry is required. Minimum of one year of experience working in research or production laboratory environment. Experience with cGMP, radiation safety principles, or aseptic technique a plus. Work Schedule: Monday - Friday 2 am - 10 am

REQUIRED KNOWLEDGE SKILLS AND ABILITIES

Must have hands-on experience with chemistry/laboratory equipment, techniques and processes, including familiarity with operating HPLC, gas chromatography and thin layer chromatography.



Able to communicate effectively verbally and in writing. Able to listen effectively and clarify information.
Able to manage time effectively and handle multiple priorities. Able to work accurately, paying attention to detail.
Able to work with confidential information appropriately, professionally, and discretely.

The job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities required for the position. Assigned responsibilities and activities may be changed as needed.

Reviewed By:		Date:	
Approved By:		Date:	
Last Updated By:		Date/Time:	