



WAYNE STATE
UNIVERSITY

Postdoctoral Fellow in Molecular Imaging (Chemist Preferred) - Roberts Lab

A Postdoctoral Position is open at the Roberts Lab at Karmanos Cancer Institute and Wayne State University. This individual will work as part of a team of chemist, biologist, and imagers seeking to harness the power of nuclear medicine for therapy and track its therapeutic responses using optoacoustics. The lab focuses on novel imaging techniques and new sensor technologies. More information on the Roberts lab can be found on their website:

<https://imaginglab.org/>

About us:

Our interdisciplinary laboratory has resources both at the Wayne State University and Barbara Ann Karmanos Cancer Institute which is one of 51 National Cancer Institute-designated (NCI) comprehensive cancer treatment and research centers in the United States. The Office of Postdoctoral Affairs and the Postdoctoral Association (PDA) are here to help you and I (mentor) throughout your training at Wayne State. For more info. visit:

<https://gradschool.wayne.edu/postdocs>.

We seek to recruit a postdoctoral scholar that uses contrast agents for molecular imaging/therapeutic applications. The Roberts Lab is new and seeks to cultivate an interactive, pro-active and supportive environment. Ideal candidate will be self-driven, curious, organized, responsible and collegial.

Your Role

The successful candidate will participate in:

Scientific Research

- Perform their own research project in the lab
- Conduct collaborative project
- Training in a wide variety of imaging techniques and animal work
- Improve existing and establish new experimental pipelines (purification, imaging, mice surgeries, protocol)
- Expected to present their work in internal group meetings and external seminars/conferences

You have

Preferred Qualifications

- Ph.D. in Biochemistry, Chemistry, Life Science or related field.
- Skills in chemistry, microscopy and molecular imaging is preferred
- Ability to coordinate complex assignments on a day-to-day basis.

- Self-motivated, detail-oriented, and able to perform complex tasks effectively and independently
- Ability to follow instruction with an eagerness to learn and grow professionally.
- Good verbal and written communication skills

Laboratory Skills

- Strong organizational skills and ability to work rigorously, both independently and in collaboration
- Strong communication, interpersonal skills and resilience
- High motivation, proactive, solution-oriented approach
- Candidates with experience in cell culture, imaging and animal work is preferred

Interested Candidates are invited to submit a Cover Letter describing previous research experience and career goals, curriculum vitae, along with names of three referees to:

Sheryl Roberts, MChem, Ph.D.
Assistant Professor, Oncology, School of Medicine,
Wayne State University
[sherylroberts\(at\)wayne.edu](mailto:sherylroberts(at)wayne.edu)

When submitting your application, please include contact information of three professional referees.