

Postdoctoral Associate - Theranostics (Ikotun Lab)

Job #JPF08533

- Molecular & Medical Pharmacology / David Geffen School Of Medicine / UCLA

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POSITION OVERVIEW

Salary range: The posted UC salary scales set the minimum pay determined by level of experience at appointment. See Table 23. The minimum salary rate for this position is \$60,000.

APPLICATION WINDOW

Open date: June 15, 2023

Most recent review date: Tuesday, Aug 1, 2023 at 11:59pm (Pacific Time)

Applications received after this date will be reviewed by the search committee if the position has not yet been filled.

Final date: Sunday, Dec 31, 2023 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION

The laboratory of Dr. Oluwatayo Ikotun (Molecular and Medical Pharmacology, Crump Institute for Molecular Imaging) in the David Geffen School of Medicine at UCLA is seeking a postdoctoral research associate to join a collaborative team of cancer biologist and imaging scientists focused on development of next generation radio-theranostics agents.

The successful candidate will develop expertise in cancer drug development, imaging (PET/CT and SPECT/CT) in preclinical models of cancer and leverage multi-omics (single cell and spatial transcriptomics) clinical data to inform drug development initiatives. As part of a collaborative multi-disciplinary team, the postdoctoral associate will lead the radio-theranostic research initiative and will be responsible for:

- Development of novel imaging and therapeutic agents
- Testing lead agents in pre-established and new in vitro and in vivo model systems
- Perform corroborative ex vivo assays (e.g. Flow cytometry, immunohistochemistry, spatial transcriptomics) assessment

The candidate will have access to state-of-the-art lab equipment, departmental and inter-departmental core facilities to ensure success of this research initiative. The postdoctoral associate will be encouraged and supported in all aspects of career development and is expected to publish in leading scientific journals, present in national and international conferences, and participate in independent and collaborative grant applications. Applicants with experience in radiochemistry, biochemistry, radiation oncology, and/or cancer biology are encouraged to apply. Previous expertise with radiochemistry or in vivo model systems is not required, however, the applicant must be enthusiastic about learning and mastering these skills.

Desired Qualifications and Technical Skills:

- PhD in Chemistry, Biomedical Sciences, Biochemistry, cancer immunology, or related field with an emphasis on cancer research
- Knowledgeable in one or more of the following: nuclear imaging (PET/CT, SPECT/CT, PET/MR), radiochemistry, radiation oncology, immunology, cancer biology,
- Experience with bioconjugate chemistry, radiochemistry, and separation/analytical methods including mass spectrometry, HPLC
- Experience with preclinical models of cancer, including handling of research animals
- Experience with quantitative analyses of chemical, cells, and tissue (ability to perform immunofluorescence analyses, activity assays, western blots, flow cytometry, SDS-PAGE, and related biochemical assays.)

QUALIFICATIONS

Basic qualifications (required at time of application)

PhD in Chemistry, Biomedical Sciences, Biochemistry, cancer immunology, or related field with an emphasis on cancer research

APPLICATION REQUIREMENTS

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

- Statement of Research (Optional)
- Statement of Teaching (Optional)
- Statement on Contributions to Equity, Diversity, and Inclusion - An EDI Statement describes a faculty candidate's past, present, and future (planned) contributions to equity, diversity, and inclusion. To learn more about how UCLA thinks about contributions to equity, diversity, and inclusion, please review our [EDI Statement FAQ](#) document.
(Optional)
- Reference check authorization release form - Complete and upload the [reference check authorization release form](#)
- Summary of Research Experience

Reference requirements

- 3-5 required (contact information only)

References may be contacted to verify experience.

Apply link: <https://recruit.apo.ucla.edu/JPF08533>

Help contact: bomote@mednet.ucla.edu

CAMPUS INFORMATION

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy, see: UC Nondiscrimination & Affirmative Action Policy.

JOB LOCATION

Los Angeles, CA