Job Title
Adjunct Assistant Professor in the Department of Molecular and Medical Pharmacology at UCLA

Job summary
The UCLA Department of Molecular and Medical Pharmacology is recruiting for an Adjunct Assistant Professor faculty position in the Ahmanson Translational Imaging Division. We are seeking applicants with extensive expertise in metabolomic and proteomic/phosphoproteomic mass spectrometry, cancer biology and metabolism. The successful candidate is expected to pursue innovative research using state-of-the-art methods of mass spectrometry to (1) understand the interplay between signaling, metabolic and immune networks in cancer, (2) develop new mass spectrometry methods, and (3) assist with the development of novel therapeutic approaches. Applicants must hold a Ph.D. in Biology or related fields and should demonstrate a strong track record of productive and impactful research in the areas of mass spectrometry, cancer biology and metabolism. The successful candidate must also demonstrate a track record of collaborative research and is expected to contribute extensively to teaching and mentorship activities in both the Department and the Ahmanson Division.

Responsibilities and Duties
The candidate will manage multiple research projects, including operating multiple mass spectrometry instruments in the Ahmanson Translational Imaging Division and performing metabolomic and proteomic/phosphoproteomic analyses, with a particular focus on profiling cancer cell responses to genetic and pharmacological perturbations in order to identify new actionable resistance mechanisms. Additionally, the individual should:
- Assist in preparation of grant proposals, submissions, publications and presentations
- Develop, adapt, and implement new research techniques and protocols related to processing a variety of samples (tumor tissue, blood plasma, etc) for mass spectrometric analyses
- Install, maintain, troubleshoot, and repair mass spectrometry equipment
- Lead and train staff researchers on the use of mass spectrometry
- Analyze, interpret, summarize, and compile data
- Assist in day-to-day laboratory activities
- Work with scientists and clinicians to research cancer response to therapy and apply gained knowledge towards developing new combination therapies
- Support and lead projects
- Participate in teaching and training activities by providing lectures to graduate and undergraduate students in areas such as cancer metabolism, mass spectrometry, drug pharmacokinetics and pharmacodynamics.

Qualification and Skills
We are seeking a highly motivated individual with a Ph.D. and/or M.D. degree, with at least five years of postdoctoral experience in mass spectrometry, cancer biology and metabolism, and preclinical models of cancer. The candidate should be able to lead individual projects and also assist with collaborative projects. The candidate should have excellent interpersonal skills required to manage a team and assist other teams and teach graduate and undergraduate students. The candidate must demonstrate strong self-motivation in scientific research, work independently, and fit well into an experiment-orientated work schedule. Additionally, the candidate should have excellent attention to detail, a good eye for data visualization, and creative thinking for writing scientific papers and grants.

Interested applicants should submit a cover letter summarizing professional experience, a curriculum vitae, and arrange for a minimum of three letters of reference to be submitted to UC Recruit at the following link: https://recruit.apo.ucla.edu/JPF05037

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
We welcome candidates whose experience in teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.