ASSISTANT PROJECT SCIENTIST, CRUMP INSTITUTE FOR MOLECULAR IMAGING

The Department of Molecular and Medical Pharmacology is recruiting for an Assistant Project Scientist position in Professor Hsian-Rong Tseng’s lab in the Crump Institute for Molecular Imaging.

**Job requirements**

This position is intended for collaborative research working on CRISPR/Cas9-mediated gene editing to treat genetic diseases such as hemoglobinopathies and X-Linked Juvenile Retinoschisis using supramolecular nanoparticle (SNMP) vectors. The Tseng lab pioneered the concept of SNMP vectors for achieving highly efficient delivery of biomolecules (e.g., DNA, RNA, protein, and their mixtures) in vitro and in vivo.

The qualifications for this position are as follows: Ph.D. in chemistry, materials science, bioengineering, or a closely related field of study. Experience related to bioconjugation, nanoparticles, gene therapy, and pre-clinical animal study are highly desirable.

**Job duties and responsibilities**

Job responsibilities include supporting the PI in the design and execution of funded projects, including preparation of supramolecular nanoparticle (SNMP) vectors and conducting CRISPR/Cas9-mediated gene editing studies using animal models. Responsibilities also include assisting the PI in study design, day-to-day tasks related to project management, data analysis, manuscript preparation and submission, and supervising graduate/undergraduate students/junior postdoctoral fellows working in this group.

To apply, please submit a CV, diversity statement, and references at the following link:

https://recruit.apo.ucla.edu/JPF05464

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