

The Feinberg Cardiovascular and Renal Research Institute is seeking an enthusiastic and highly motivated scientist for expansion of basic and translational studies related to molecular mechanisms of kidney disease. This position offers the opportunity to work in the NIH-funded lab of Dr. Pinelopi Kapitsinou, a physician-scientist with a background in translational hypoxia biology, mechanisms of acute kidney injury and progression to chronic kidney disease. We are particularly interested in exploring the effects of hypoxia-induced metabolic reprogramming and epigenetic alterations in diseased kidney tissue microenvironment utilizing molecular biology, biochemical and metabolomic approaches. Transgenic mice, primary cells and other cell culture systems are used as main experimental models. The department offers a nurturing environment for career development, a stimulating community of several kidney and cardiovascular research labs, weekly conferences and seminars of interest. The postdoctoral fellow will be expected to build a publication record including submissions to leading experimental research journals; supervise rotating undergraduate, graduate and medical students; apply for grants; and present at national meetings.

Required Qualifications: Ph.D. degree (Molecular Biology, Genetics, Biochemistry, or related field).

Required Competencies:

Experience working with small animal models and mammalian cell culture.

Ability to design and conduct experiments, maintain accurate recordkeeping, and collaborate effectively within a team environment.

Strong work ethic, excellent communication skills, be motivated to advance the project and have a proven publication record.

Preferred Competencies:

Familiarity with next generation sequencing data and gene expression analysis

Computational biologyInterested applicants should send a CV, three letters of recommendation, and a research statement to Pinelopi Kapitsinou MD, Associate Professor of Medicine, Division of Nephrology and Feinberg Cardiovascular and Renal Research Institute, Feinberg School of Medicine, Northwestern University, 303 East Superior Street, SQBRC 8-408, Chicago, Illinois 60611

Email: pinelopi.kapitsinou@northwestern.edu

A/Prof. Pinelopi Kapitsinou についてはこちらをご参照ください。

<https://www.feinberg.northwestern.edu/faculty-profiles/az/profile.html?xid=46549>