

Learning Objectives:

Under the direction of Dr. Farhad Danesh-the Principal Investigator at the University of Texas MD Anderson and the Baylor College of Medicine-the postdoctoral fellow will actively participate in research activities for the principal investigator's ROI funded projects on the role of mitochondria in diabetic kidney disease. The candidate will perform, analyze, interpret, and report data and results to the Principal Investigator and other lab members periodically. The postdoctoral fellow will write and submit scientific papers to peer-reviewed journals and write and submit abstracts and posters to internal and/or external conferences. The candidate will design, develop, or adapt equipment used in experiments or research to obtain desired results. The postdoctoral fellow will determine specific goals or objectives to be obtained, evaluated research data, and develops and revises techniques or approaches to work problems.

Eligibility Requirements:

Research Experience:

- Familiarity with molecular biology techniques and instruments.

Technical Skills:

- Proficiency in standard molecular biology techniques, cell culture, and microscopy.
- Familiarity with single cell techniques, methodology and data analysis is highly desirable.
- A background in mitochondrial biology is also desirable.

***Field of study for the degree required**

Educational Background:

- An MD and or a PhD degree in a relevant scientific field such as molecular biology, cell biology, genetics, genomics, or a related discipline.