Postdoctoral Research Fellow

Department:
Obstetrics and Gynecology

Position Description:
The NIH-funded postdoctoral research fellowship position is available immediately in the laboratory of Dr. Egle Prewit in the Department of Obstetrics and Gynecology in the Long School of Medicine at the University of Texas Health at San Antonio. The scope of this NIH-funded grant is to investigate the mechanisms by which lactation results in maternal cardiovascular and metabolic benefits later in life and if those mechanisms could be translated into prevention and treatment of cardiometabolic diseases in women.

Specifically, we are interested in oxytocin as the mediator of those beneficial effects. We are generating genetically modified and human disease-related mouse models and studying their physiological parameters and molecular markers.

The postdoctoral fellow will study the cardiovascular system using several in vivo blood pressure measurement techniques, cutting-edge imaging approaches, genetic, tissue culture, and molecular methods. The ideal candidate would be highly motivated, self-starter, creative, with training in molecular biology and animal models, have strong oral and written communication skills, and who would like to advance research and treatment options for women. If desired, the postdoctoral research fellow could also participate in other research projects ongoing in my lab, thus gaining experience in pathophysiology of pregnancy and the human placenta.

Postdocs at UT Health SA benefit from a number of grant-writing and career-building workshops given by the Office of Post-doctoral Affairs, which have proven extremely valuable for postdoctoral fellow’s progress to independence. Post-docs who are American citizens or permanent residents are also eligible to apply for one of our T32 training-grant slots at this institution.

San Antonio is a vibrant and multicultural city with many attractions and offers a very affordable cost of living for a post-doctoral fellow. The salary is commensurate with the NIH scale.

Useful links:
https://directory.uthscsa.edu/academics/profile/prewit

Position Requirements:
Ph.D. or M.D. in a relevant discipline, solid training in molecular biology, biochemistry, and cell biology with scientific publications. We are particularly interested in applicants with a background in cardiovascular and metabolic physiology.

How to Apply:
To apply, please submit (1) a cover letter describing your previous training, scientific accomplishments, and research interests, (2) your curriculum vitae, and (3) contact information for three references.

Contact Name: Egle Prewit, PhD, MD
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