Postdoctoral Position: The Role of Noncoding RNAs in Pregnancy

University of Texas Southwestern Medical Center

A postdoctoral position is available in the laboratory of Dr. Mala Mahendroo, in the Department of Obstetrics and Gynecology and the Cecil H. and Ida Green Center for Reproductive Biology Sciences. The focus of this project is to study the role of noncoding RNAs in regulation of cervical remodeling in term and inflammation-mediated preterm birth.

The research in the Mahendroo lab covers a broad array of topics including steroid and peptide hormone signaling, ECM biology, gene regulation, non-coding RNAs, tissue mechanics, epithelial cell barrier and immune-function as they relate to the remodeling of the cervix in term and preterm birth. We utilize a variety of experimental approaches that include animal models, two photon and electron microscopy imaging, biochemistry, molecular biology, proteomics, genomics, bioinformatics, computational biology, and tissue mechanics. In addition, we collaborate with engineers to translate our molecular findings into clinical tools for detection of premature birth risk.

Candidates must hold a Ph.D. and/or M.D. degree and have first author publications. Candidates with experience using mouse models, expertise in gene regulation, RNA biology or genomics are preferred. Candidates should have less than 15 months of prior postdoctoral experience. We especially value self-motivated and collaborative individuals and are committed to providing training and mentorship to postdoctoral fellows.

Candidates should submit a CV, brief statement of interests, and a list of three references in one file to mala.mahendroo@utsouthwestern.edu.

UT Southwestern and the Green Center provide a dynamic, collaborative, and integrative research and training environment with state-of-the-art facilities.

See: https://www.ncbi.nlm.nih.gov/pubmed/?term=Mala+Mahendroo

http://profiles.utsouthwestern.edu/profile/14546/mala-mahendroo.htm

Information on our postdoctoral training program and benefits can be found in our Postdoc Handbook or at http://www.utsouthwestern.edu/postdocs.

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