Transcriptional Mechanisms in Fetal Lung Development

A postdoctoral position is available in the Mendelson Lab, in the Department of Biochemistry to perform studies on the molecular mechanisms that underlie branching morphogenesis, type II cell differentiation and surfactant lipoprotein synthesis during fetal lung development. The regulatory roles of cell-specific transcription factors, coregulators and chromatin modifications and their modulation by hormones and small non-coding RNAs will be emphasized. Research involves isolation and characterization of transcription factors, analysis of DNA-protein interactions and epigenetic modifications, primary cell culture, and characterization of mouse models. Candidates must hold a Ph.D. and/or M.D. degree. Experience in molecular biology and biochemistry is preferred.

Interested individuals should send a CV, statement of interests, and a list of three references to:

Carole R. Mendelson, Ph.D.
Department of Biochemistry
University of Texas Southwestern Medical Center at Dallas
5323 Harry Hines Boulevard
Dallas, Texas 75390-9038
214-648-2944
carole.mendelson@utsouthwestern.edu

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