Transcriptional Mechanisms in Fetal Lung Development

A postdoctoral position is available in the laboratory of Carole Mendelson, Ph.D, in the Department of Biochemistry to perform studies on the molecular mechanisms underlying fetal lung development and the regulatory roles of transcription factors in adaptation of the developing lung to oxidative stress at birth. Research involves characterization of mouse models, use of primary cell culture, analysis of transcription factors, their interactions with DNA, and epigenetic mechanisms. Candidates must hold a Ph.D. and/or M.D. degree. Experience in molecular biology, biochemistry and use of gene-targeted mice is preferred.

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

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