

Postdoc Position Available
Department of Pediatrics
Pediatric Research Center
The University of Texas Medical School at Houston
Houston, TX

We are seeking a highly motivated, organized and enthusiastic postdoctoral fellow to study embryonic kidney development and its relationship to kidney pathologies, including cystic kidney diseases and cancer. We are interested in the role of Wnt signaling in shaping nephric tubules, utilizing *Xenopus* (frog) embryos and mammalian tissue culture as models. Current goals include: 1) Determining how junctions are formed during tubule formation; 2) Modeling how patient mutations result in human developmental kidney diseases; 3) Discovering novel components affecting nephron development; 4) Visualizing in vivo tube formation using advanced live imaging techniques; 5) Generating transgenic animals to visualize nephrogenesis in vivo

Current projects utilize developmental, molecular and cell biological approaches including imaging in living embryos. Applicants with a Ph.D., M.D. or equivalent and a strong background in Developmental Biology, Embryology, Cell Biology, Molecular Biology and/or Stem Cell Biology are highly encouraged to apply. Salary and benefits are commensurate with relevant experience. Review of applications will continue until the position has been filled.

Please send your CV, cover letter indicating current and future research interests, and the name/email address of three references to:

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<https://med.uth.edu/pediatrics/miller-lab/>

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