RNA metabolism and RNA-based therapeutics for Polycystic Kidney Disease

A postdoctoral position is available in the laboratory of Vishal Patel, M.D., in the Department of Internal Medicine/Nephrology at UT Southwestern Medical Center to study the role of RNA metabolism and the feasibility of RNA-based therapeutics for polycystic kidney disease (PKD). Our laboratory has identified pathogenic microRNAs that promote PKD progression and developed novel anti-microRNA drugs to attenuate PKD progression. Several exciting projects related to this theme are available: (i) how microRNAs promote PKD progression, (ii) how the anti-microRNAs drugs work, and (iii) develop novel approaches to destabilize pathogenic mRNAs or stabilize beneficial mRNAs.

Candidates must hold a Ph.D. and/or M.D. degree. Experience in kidney, RNA biology and/or drug development leading to publication in peer-reviewed journals is recommended.

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

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

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