

Harvard University School of Medicine

Post-doctoral position

A postdoctoral position is immediately available in the Program in Glomerular Disease in the Nephrology Division at Massachusetts General Hospital, to study mechanisms of proteinuria. Specifically, we are interested in the role of TRPC channels and calcium mediated signaling in glomerular podocytes. We are focusing on the mechanisms by which aberrations in calcium signaling lead to cytoskeletal rearrangements which in turn may result in podocyte foot process effacement and proteinuria. Our ultimate goal is to dissect out the mechanism of podocyte dysfunction leading to nephrotic syndromes, both genetic and acquired (such as diabetic nephropathy, membranous nephropathy etc.). We are using molecular biology, biochemistry, cell culture, specialized imaging techniques, electrophysiology and animal models to study proteinuric syndromes.

Contact info

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