

Postdoctoral Position - Immediate availability

A postdoctoral fellow position is available immediately in the laboratory of Dr. Gyongyi Szabo in the Department of Medicine to study the effects of metabolic stress and alcohol on the innate immune system, including pattern recognition receptors and their signaling pathways. There will be a focus on immune and parenchyma cell interactions and the specific roles of microRNAs and extracellular vesicles in these processes. Our goal is to identify specific molecular pathways in the metabolic syndrome and as the effect of alcohol use that lead to inflammation and innate immune activation in non-alcoholic and alcoholic fatty liver diseases.

Candidates should have a recent PhD in cell biology, immunology, biochemistry, or a related discipline and experience in signal transduction and cell biology. Applicants with MD degree should have a minimum of one year postdoctoral research experience.

Experience in at least one of the following areas is highly desired: cell biology, signal transduction, molecular biology, bioinformatics or macrophage biology. Experience in experimental design and data analysis in both cultured cells and animal models is desired. Strong written and oral communication skills are required.

Interested applicants please submit a CV and names and contact information for three references to gyongyi.szabo@umassmed.edu.