**Postdoctoral Position in Molecular Mechanisms of Metabolic Diseases**

A postdoctoral position is available in the laboratory of Dr. Zhao Zhang, in the Center for the Genetics of Host Defense at UT Southwestern Medical Center to study molecular mechanisms of metabolic diseases.

Established in 2020, the Zhang laboratory employs a unique mouse forward genetic screening approach to identify new regulators of major metabolic diseases, including obesity, diabetes, and nonalcoholic fatty liver disease (NAFLD). We use various approaches, including biochemistry, cell biology, molecular biology, proteomics, and mouse models to study the molecular mechanisms. Our laboratory has several exciting projects related to: 1) The dynamic regulation of a newly identified E3 ubiquitin ligase in insulin signaling. 2) The role of several new genes in the regulation of obesity. 3) The mechanism of several new genes in the pathogenesis of NAFLD. The research in our laboratory is funded by CGHD and several NIH grants (K99, R00, R01). For more details, please visit our lab website at [https://www.utsouthwestern.edu/labs/zhang-zhao/](https://www.utsouthwestern.edu/labs/zhang-zhao/).

Candidates must hold a doctoral degree (Ph.D. and/or M.D.) or scheduled to receive a doctoral degree very soon, and should be highly motivated. Experience in cell signaling, mouse genetics, fatty liver disease, obesity, and diabetes research 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](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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