

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

A postdoctoral training 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.

The Zhang laboratory combines a unique mouse forward genetic screening approach with biochemistry and molecular biology to identify new regulators of major metabolic diseases, including obesity, diabetes, and metabolic dysfunction-associated steatotic liver disease (MASLD). Since the lab's establishment in 2020, our work has led to publications in prestigious journals including [PNAS](#), [Nature Communications](#), [Cell Metabolism](#), [Trends in Cell Biology](#), [The Journal of Clinical Investigation](#), and [Cell Death and Differentiation](#). [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 MASLD. The research in our laboratory is funded by CGHD and several NIH grants (R00, R01, R21).

Candidates must hold a recent Ph.D. and/or M.D. degree. 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, benefits, and a virtual tour can be found 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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<https://labs.utsouthwestern.edu/zhang-zhao-lab>

<https://profiles.utsouthwestern.edu/profile/155419/zhao-zhang.html>

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