



Postdoctoral position in Cancer Metabolism – Gerta Hoxhaj Lab

A postdoctoral position is available for a highly motivated research fellow in the laboratory of Dr. Gerta Hoxhaj at the Children's Medical Center Research Institute (CRI) at UT Southwestern Medical Center, Dallas, USA.

The Hoxhaj Laboratory studies fundamental mechanisms of cellular metabolism, with a particular focus on nucleotide and redox metabolism and their roles in cancer and physiology. More information about the laboratory can be found here:

<https://cri.utsouthwestern.edu/scientists/gerta-hoxhaj-laboratory/>

The Hoxhaj Lab brings together enthusiastic scientists from diverse backgrounds and fosters a collaborative, multidisciplinary research environment. Since its establishment in 2019, the laboratory has published several high-impact studies, including:

- **An atlas of purine metabolism across tissues and tumors**, *Cell*, 2024
- **Mitochondrial NADP(H) as an essential source for proline biosynthesis and redox control**, *Nature Metabolism*, 2021
- **Redefining mitochondrial NADPH function in fatty acid biosynthesis and oxidative metabolism**, *Nature Cell Biology*, 2025
- **Structural discovery of regulatory control modes of NAD kinases**, *Molecular Cell*, 2022; *Science Advances*, 2025

Candidates must hold a Ph.D. and/or M.D. degree and have a strong background in one or more of the following areas: molecular biology, cancer biology, mouse genetics, metabolism, cell biology, or biochemistry. The ideal candidate will demonstrate scientific independence, creativity, and flexibility, along with a strong record of productivity. Prior experience with mouse models and cancer metabolism is strongly preferred.

Information on our postdoctoral training program and benefits can be found in our [Postdoc Handbook](#) or at [UT Southwestern's Postdoctoral Scholars page](#). Interested individuals should send a CV, a short summary of research interest and experience, and a list of three references to: gerta.hoxhaj@utsouthwestern.edu.

UT Southwestern Medical Center is committed to an educational and working environment that provides equal opportunity to all members of the University community. In accordance with federal and state law, the University prohibits unlawful discrimination, including harassment, on the basis of: race; color; religion; national origin; sex; including sexual harassment; age; disability; genetic information; citizenship status; and protected veteran status. In addition, it is UT Southwestern policy to prohibit discrimination on the basis of sexual orientation, gender identity, or gender expression.