

Role and regulation of cellular metabolism

A postdoctoral training position is available in the [Karner Lab](#). The Karner Lab is a growing basic/translational research lab in the Department of Internal Medicine at UT Southwestern Medical Center. We are interested in understanding the role and regulation of cellular metabolism during cellular differentiation and activity in the context of bone development, disease and regeneration. We are seeking a motivated, hard working post-doctoral fellow with a background in skeletal biology, mouse genetics and/or cellular metabolism. This fellow will take a leading role in one of several projects in the laboratory. These projects include interrogating the role of metabolism in cell lineage determination; identifying modes of action or regulation of amino acid metabolism in skeletal stem cells, osteoblasts or osteoclasts; and identification of novel metabolic based osteoanabolic and antiresorptive therapies.

Candidates must have expertise in skeletal biology, stem cell biology, molecular biology and/or mouse genetics; a Ph.D. in biological sciences; and first-author publications.

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, description of research interests and career goals, and a list of three references to:

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<https://labs.utsouthwestern.edu/karner-lab>

<https://profiles.utsouthwestern.edu/profile/59762/courtney-karner.html>

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