Postdoctoral position in hematopoietic stem cell metabolism

A postdoctoral position is available in the laboratory of Michalis Agathocleous, at Children’s Research Institute at UT Southwestern Medical Center, to study the metabolism of hematopoietic stem cells and progenitor cells in tissue regeneration, leukemia initiation, and response to infection. We have a unique ability to perform metabolomics in low numbers of rare cells isolated from tissues (Nature 549:476). We discovered several metabolites that are enriched in hematopoietic stem cells or other hematopoietic cell types, suggesting they may have novel roles in stem cell biology. We use a combination of genetic mouse models, infection mouse models and mass spectrometry techniques.

Candidates must hold a Ph.D. and/or M.D. degree. Candidates with training in biochemistry or molecular biology who are interested in studying stem cell or cancer cell metabolism in vivo are particularly encouraged to apply.

Information on our postdoctoral training program and benefits can be found in our Postdoc Handbook or 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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Visit the Agathocleous Lab

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