A postdoctoral training position is available immediately in the laboratory of Joel Goodman (https://profiles.utsouthwestern.edu/profile/12677/joel-goodman.html) in the Pharmacology Department at UT Southwestern Medical Center to study the dynamics of cytoplasmic lipid droplets. Lipid storage is essential for energy homeostasis of cells and metazoans. Fat is stored in lipid droplets, which bud from the endoplasmic reticulum. The Goodman lab studies the requirements for assembly of these organelles using yeast as a model system, and the group has identified several important proteins that are involved. The lab uses a combination of yeast genetics, fluorescence microscopy, organelle isolation, and biochemistry to study droplet dynamics. Lately the atomic structure of a key component, seipin, has been determined, which is allowing detailed studies of its function in droplet formation. We hope to develop a robust in vitro reconstitution system to complement our approaches in living cells.

Candidates must hold a Ph.D. and/or M.D. degree. Experience in yeast genetics or cell biology, membrane biochemistry, or fluorescence microscopy, is highly desirable. Funding is available through 2022, although the successful candidate is expected to apply for fellowship support.

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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*UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.*