Postdoctoral Researcher

The Shahmoradian lab at the UT Southwestern (UTSW) Medical Center O’Donnell Brain Institute, Center for Alzheimer’s and Neurodegenerative Diseases in Dallas, Texas, is seeking a full-time Postdoctoral Scientist to apply cellular structural biology techniques and complementary methods to investigate the macromolecular basis of protein aggregation and membrane remodeling in neurons and mammalian tissues. Main methods are cryo-focused ion beam specimen preparations, cryo-electron tomography and 3D processing/subtomogram averaging, together with correlative light/electron microscopy.

Applicants must have a Ph.D. in life science or engineering (or due to complete within 6 months) and demonstrate the ability to have worked independently and in a team, to have a track record with original contributions, and to have prior experience with cryo-electron microscopy/tomography and computational processing techniques. Machine learning experience is a plus.

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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https://profiles.utsouthwestern.edu/profile/208701/sarah-shahmoradian.html

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