

Mechanisms of Myoblast Fusion in Zebrafish Muscle Development- Chen Lab

A postdoctoral training position is available in the [laboratory](#) of [Elizabeth Chen](#), in the Molecular Biology Department at UT Southwestern Medical Center to study the molecular and cellular mechanisms of myoblast fusion in zebrafish muscle development. Our [laboratory](#) has several exciting projects related to discovering the asymmetric fusogenic synapse, as well as actin polymerization- and actomyosin-mediated mechanical interactions between fusing cells [Science 340,359-63; Dev Cell 32,561-73; Nat Cell Biol 20,688-698; Nat Cell Biol 22,674-688; Dev Cell 13, 1582-97]. Current research in the Chen lab is conducted using a multidisciplinary approach (involving genetics, molecular biology, cell biology, biochemistry and biophysics) in multiple experimental systems (Drosophila, zebrafish, mouse and cultured cells).

Candidates must hold a recent Ph.D. and/or M.D. degree. Experience in genetics, cell biology, molecular biology, biochemistry and/or biophysics, leading to publication in peer-reviewed journals is recommended. Prior experience with zebra experience with zebrafish genetics is highly preferred.

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, statement of interests, and a list of three references to:

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