

## **Molecular mechanisms and therapy for neurodegenerative diseases**

A postdoctoral training position is available in the laboratory of [Marek Napierala](#), in the Department of Neurology at UT Southwestern Medical Center to study molecular mechanisms driving pathogenesis of neurological disorders caused by nucleotide repeat expansions.

Our [laboratory](#) has several exciting projects related to developing therapeutic strategies for neurodegenerative disorders that involve gene regulation, repeat instability, mitochondria fitness and function, neuron development and activity and biomarker discovery. A variety of model systems and experimental approaches are used for our projects, including induced pluripotent stem cell (iPSC) models, mouse models, genome editing, next-generation sequencing, genomics, transcriptomics, proteomics, molecular biology, biochemistry.

Candidates must hold a recent Ph.D. and/or M.D. degree. Experience in mammalian cell culture or working with mouse models of neurological disorders, along with proficiency in basic molecular biology techniques leading to publication in peer-reviewed journals is recommended.

We seek ambitious and dedicated scientists to drive ongoing projects in the lab and to use their creativity to discover new paths forward in our field. Opportunities exist in our laboratory to contribute to collaborative projects held with industry partners.

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 research interests, and a list of three references as a single .pdf to:

Marek Napierala, Ph.D.  
Associate Professor  
Department of Neurology  
UT Southwestern Medical Center  
5323 Harry Hines Blvd.  
Dallas, TX 75390-8813  
Marek.Napierala@UTSouthwestern.edu  
<https://www.utsouthwestern.edu/labs/napierala/>  
<https://profiles.utsouthwestern.edu/profile/209681/marek-napierala.html>

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