



Mark Landy  
Graduate Student  
MD/PhD program

*Understanding the Developmental and Molecular Function of Prdm12, a Gene Underlying Congenital Insensitivity to Pain*

Mark Landy is a graduate student in the MD/PhD program at UT Southwestern Medical Center, where he studies the role of Prdm12 in nociceptor development and function under the mentorship of Helen Lai, PhD. Mark completed his undergraduate studies at Cornell University, where he earned a BS in Applied & Engineering Physics in 2013. While there, he was introduced to basic research in the lab of Lois Pollack, PhD, where he studied techniques of end-to-end distance measurement of macromolecules using gold nanoparticles and small-angle x-ray scattering. After graduating, Mark spent two years working at the Tisch Multiple Sclerosis Research Center of New York, under the direction of Violaine Harris, PhD, and Saud Sadiq, MD, before enrolling at UT Southwestern Medical Center. Mark joined the Lai Lab in 2017, where he has received funding through a Ruth L. Kirschstein Predoctoral Individual NRSA (F31) from NINDS, and the William F. and Grace H. Kirkpatrick Award. Mark's work was recently accepted for publication in *Cell Reports*.