

Rachelle H. Crosbie, Ph.D.

Chair, Dept. of Integrative Biology & Physiology
University of California, Los Angeles

Postdoctoral Fellowship, University of Iowa Carver College of Medicine

1994 - Ph.D., Biochemistry - University of California, Los Angeles

1989 - B.S., Biochemistry - Texas A&M University

Rachelle H. Crosbie is a Professor and Chair of the Department of Integrative Biology & Physiology and holds a joint appointment in the Department of Neurology, David Geffen School of Medicine at UCLA. She is a member of the Molecular Biology Institute, Brain Research Institute, Center for Duchenne Muscular Dystrophy, and the Broad Stem Cell Research Center. Dr. Crosbie is the Director of an NIH NIAMS T32 Muscle Cell Biology, Pathogenesis, and Therapeutics training program for Ph.D. graduate students and postdoctoral fellows as well as Director of the Education Core for the NIH NIAMS P50 Senator Paul D. Wellstone Center of Excellence. Dr. Crosbie has served as a regular member of many NIH study section panels, in addition to serving on numerous national and international scientific advisory panels.

Her research program focuses on investigating the molecular mechanisms of rare, inherited neuromuscular disorders. Her lab has identified therapeutic pathways that prevent disease by restoring dysfunctional cell-matrix interactions and addressing pathological fibrosis. She has secured US and International patents on several small molecules targeting these pathways. Her research is supported by NIH funding and sponsored research agreements with industry partners.