

Yishi Jin

Professor and Chair, Section of Neurobiology at UC San Diego

La Jolla, CA, US

Yishi Jin's work assists to understand the molecular genetic mechanisms underlying the development and function of the nervous system.

Biography

Jin performed her Ph.D. research at the University of California, Berkeley, on *Drosophila* embryonic pattern formation. She then completed her postdoctoral training at Massachusetts Institute of Technology. She began her assistant professor position at the University of California, Santa Cruz and is now a full professor of Neurobiology at UC San Diego. She was an investigator of the Howard Hughes Medical Institute from 2001 to 2017. The work in her lab has focused on understanding the molecular mechanisms controlling synapse formation and axon regeneration in *Caenorhabditis elegans*. In particular, they identified multiple roles of the DLK-1 MAP kinase cascade and became interested in the signaling network activated in response to neuronal stress.

Areas of Expertise

Signal Transduction, Genetics, Neurobiology, Synaptic Activity

Education

UC Berkeley

Ph.D. Molecular Biology

Beijing University

B.S. Cell Biology

Accomplishments

NIH-NINDS Jacob Javits Neuroscience Investigator Award
2017

Special Lecture, Society for Neuroscience, USA
2015

Bauer Distinguished Guest Lecturer (Brandeis University)
2018

Inaugural holder of the Junior Seau Foundation Endowed Chair in Traumatic Brain Injury at UC San Diego
2017

Plenary Speaker, 20th International C. elegans conference
2015

Keynote lecture, NSF-ADVANCE
2013

Barbara McClintock Lecture, University of British Columbia, Vancouver, Canada
2017

Keynote speaker, Neuroscience Research Day
Miller School of Medicine, University of Miami

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