Curriculum Vitae

Personal Information:

Name:	Da-Ting Lin, Ph.D.
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Education / Training:

Undergraduate:	Department of Biology, University of Science and Technology of China, Hefei, Anhui, P.R.China; B.S. Biology, 1996.
Graduate:	Dr. James D. Lechleiter, Department of Cellular and Structural Biology, University of Texas Health Science Center at San Antonio; Ph.D., 2002; Optical imaging and cell biology.
Postdoctoral:	Dr. James D. Lechleiter, Department of Cellular and Structural Biology, University of Texas Health Science Center at San Antonio, 2002-2003; Optical imaging and cell biology.
Postdoctoral:	Dr. Richard L. Huganir, Department of Neuroscience, Johns Hopkins University / HHMI, 2003-present; AMPA receptor trafficking and synaptic plasticity.

Positions:

1996-1997:	Research Assistant, Shanghai Life Center, Shanghai, P.R.China
1997-2002:	Graduate Student at the UTHSCSA.
2002-2003:	Postdoctoral fellow at the UTHSCSA
2003-present:	Postdoctoral fellow at JHU/HHMI

Honors:

Exempted National Higher Education Entrance Examination and Admitted into the University of Science and Technology of China in 1991.

Peer-reviewed primary publications:

1. **Lin, D.T.**, Makino, Y., Sharma, K., Hayashi, T., Neve, R., Takamiya, K., and Huganir, R.L. (2009) Regulation of AMPA receptor extrasynaptic insertion by 4.1N, phosphorylation and palmitoylation. *Nature Neuroscience 12(7): 879-887. DOI: 10.1038/nn.2351*
2. Thomas, G.M, **Lin, D.T.**, Nuriya, M., and Huganir, R.L. (2008) Rapid and bi-directional regulation of AMPA receptor phosphorylation and trafficking by JNK. *The EMBO Journal* 27(2): 361-72. Highlighted in Nature Review Neuroscience 9, 164-165
3. **Lin, D.T.** and Huganir, R.L. (2007) PICK1 and Phosphorylation of the Glutamate Receptor 2 (GluR2) AMPA Receptor Subunit Regulates GluR2 Recycling after NMDA Receptor-Induced Internalization. *Journal of Neuroscience 27 (50): 13903-13908.* Evaluated by Faculty of 1000 Biology
4. Wu, J., Holstein, D.J., Upadhyay, G., **Lin, D.T.**, Conway, S., Muller, E. and Lechleiter, J.D. (2007) Purinergic Receptor Stimulated IP3-Mediated Ca2+Release Enhances Neuroprotection by Increasing Astrocyte Mitochondrial Metabolism During Aging. *Journal of Neuroscience 27(24):6510-6520.*
5. **Lin, D.T. ***, Wu, J. *****, Holstein, D., Upadhayay, G., Rourk, W., Muller, E. and Lechleiter , J.D. (2007) Ca^{2+} signaling, mitochondria and sensitivity to oxidative stress in aging astrocytes. *Neurobiology of Aging 28: 99-111* **(* equal contribution to the work)**
6. Beique, J-C.*****, **Lin, D.T.***, Kang, M.G., Aizawa H., Takamiya K., and Huganir, R.L. (2006) Synapse-specific regulation of AMPA receptor function by PSD-95. *P.N.A.S. USA 103: 19535-19540* **(* equal contribution to the work)**
7. Lechleiter, J.D., **Lin, D.T.**, and Sieneart, I. (2002) Multi-Photon Laser Scanning Microscopy Using An Acoustic Optical Deflector (AOD). *Biophys. J. 83(4): 2292-2299*
8. **Lin, D.T.** and Lechleiter, J.D. (2002) Mitochondrial Targeted Cyclophilin D Protects Cells from Cell Death By Peptidyl Prolyl Isomerication. *JBC 277 (34): 31134-31141*

Other Publications:

1. Prouty, A.M., Wu, J., Lin D.T., Camacho, P. and Lechleiter, J.D. (2006) Multiphoton laser scanning microscopy as a tool for Xenopus oocyte research. *Methods Mol Biol. 322:87-101.*
2. Lechleiter, J.D., **Lin, D.T.** and Sienaert, I. (2001) Practical Guide for Constructing a Pulse Compressor used in Multi-Photon Microscopy. *Proc. Of SPIE 4262, 111-117.*

Presentations:

1. Activity Dependent AMPA Receptor Insertion and Synaptic Plasticity. *The Whitaker Biomedical Engineering Institute, Johns Hopkins University, November 2009.*
2. Activity Dependent AMPA Receptor Insertion and Synaptic Plasticity. *University of Texas Health Science Center at San Antonio, October 2009.*
3. Activity Dependent AMPA Receptor Insertion and Synaptic Plasticity. *Dartmouth Medical School, September 2009.*
4. Activity Dependent AMPA Receptor Insertion and Synaptic Plasticity. *University of Virginia School of Medicine, July 2009.*
5. Activity Dependent AMPA Receptor Insertion and Synaptic Plasticity. *Institute of Molecular Medicine and Genetics, Medical College of Georgia, May 2009.*
6. Molecular Mechanisms Governing Activity Dependent AMPA Receptor Insertion. *Weill Cornell Medical College, January 2009*.
7. Mitochondrial Targeted Cyclophilin D Protects Cells from Apoptotic Stimuli By Peptidyl Prolyl Isomerication. *Biophysical Society. Ann. Meeting, San Francisco 2002.*