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Education

1978 Hochiminh Polytechnical University, VietNam B.S. Chemistry

Work Experience

2001- now Emory University, Department of Pharmacology, Research Specialist, Lead
1995 – 2001 Steward Inc., Chattanooga, TN: Project Engineer
1993-1995 Analytical Research Industrial Lab, Chattanooga, TN : Lab. Technician
1979 – 1991 Vinacafe Inc., Dong Nai, Viet Nam: Process Engineer, Lab Manager

Peer-reviewed papers

1. Low CM, Lyuboslavsky P, French A, Le P, Wyatt K, Thiel WH, Marchan EM, Igarashi K, Kashiwagi K, Gernert K, Williams K, **Traynelis SF**, Zheng, F (2003) Molecular determinants of proton sensitive NMDA receptor gating. *Molecular Pharmacology* 63: 1212-1222.
2. Dravid S, Yuan H, Erreger K, Lyuboslavsky P, Le, P, Almonte A, Barber J, Nicholson K, French A, Balster R, Murray TF, and **Traynelis, SF** (2007) Proton sensitivity of NMDA receptor channel blockers. *J Physiol* 581: 107-28.
3. Erreger K, Geballe MT, Kristensen A, Chen PE, Hansen KB, Lee CJ, Yuan H, Le P, Lyuboslavsky PN, Micale N, Jørgensen L, Clausen R, Wyllie DJA, Snyder JP, **Traynelis SF** (2007) Subunit-specific agonist activity at NR2A, NR2B, NR2C, and NR2D containing N-methyl-D-aspartate glutamate receptors. *Mol Pharmacol*, 72: 907-20

4. Chen PE, Geballe MT, Katz E, Erreger K, Livesey MR, O'Toole KK, Le P, Lee CJ, Snyder JP, **Traynelis SF**, Wyllie DJA (2007) Allosteric modulation of glycine potency in recombinant N-methyl-D-aspartate receptor subtypes by the glutamate-binding domain of NR2 subunits. *J Physiol, Manuscript in press.*

5. Mosley CA, Murray EE, Burroughs S, Santangelo R, Geballe M, Tahirovic, YA, Wilson LJ, Myers S, Lyuboslavsky P, Le P, Snyder JP, **Traynelis SF**, Liotta DC (2007). Synthesis, structural activity-relationships, and biological evaluation of novel allosteric binding site antagonists in NR1A/NR2B N-methyl-D-aspartate receptors. *Manuscript in preparation.*

Bibliography (Abstracts)

1. French A, Le P, Lyuboslavsky P, Wyatte K, Low CM, Williams K, **Traynelis SF**, Zheng F. (2002). Control of NMDA receptor proton sensitivity by residues in the lurcher motif. *Soc Neurosci. Abstr.* 28.
2. Lyuboslavsky PN, Lee CJ, Le PN, Kostrzewa A, **Traynelis SF** (2003) Characterization of partial agonists at the glutamate binding site of the NR2A, NR2B, NR2C, and NR2D NMDA receptor subunits *Soc. Neurosci. Abstr.* 29.
3. Washburn MS, Altas Y, Lyuboslavsky P, Le P, French A, Snyder JP, Liotta DC, Irier H, Dingledine R, **Traynelis SF** (2004). Neuroprotection by a novel class of NR2B-selective NMDA receptor antagonists. *Soc Neurosci. Abstr.* 30
4. Yuan H, Erreger K, Le P, **Traynelis SF** (2004) Covalent modification of an engineered cysteine in M3 locks open NMDA channels. *Soc Neurosci. Abstr.* 30
5. **Traynelis SF**, Erreger K, Lee CJ, Chen PE, Le P, Lyuboslavsky PN, Wyllie DJA (2005) Subunit-specific agonist activity for glutamate analogs at NR2A, NR2B, NR2C, and NR2D NMDA subunits. *Soc. Neurosci. Abstr.* 31
6. Geballe M, Kristensen AS, Erreger K, Chen PE, Lyuboslavsky P, Le P, Wyllie DJA, Snyder J, **Traynelis SF**. (2006) Agonist binding to NR2A and NR2D NMDA receptor subunits. *Soc. Neurosci. Abstr.* 32.
7. Myers SJ, Geballe MT, Le P, Lyuboslavsky P, Dingledine R, Snyder JP, **Traynelis SF**. (2006). pH-dependence of phosphono-derivative NMDA receptor antagonists. *Soc. Neurosci. Abstr.* 32.
8. Myers SJ, Tahirovic YA, Geballe M, Gruszecka-Kowalik E, Washburn M, Lyuboslavsky P, Phuong Le, French A, Irier H, Choi W-B, Easterling K, McNamara JO, Dingledine R, Liotta DC, **Traynelis, SF**, Snyder JP (2007) Novel enantiomeric propanolamines as therapeutically relevant NR2B-selective NMDA receptor antagonists. *Soc. Neurosci. Abstr.* 33.

University Service

2003

Coached Laboratory Rotation Student (Amy Kostrewza)

2004

Coached Laboratory Rotation Student (Elyse Katz)

2006

Coached Laboratory Rotation students (Kate O'Toole, Sammy Lee)

2007

Coached Laboratory Rotation students (Kelly MCoy, Shazia Ali, Eric Armstrong)