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Education

- B.S., California State University at Long Beach, 1982
- Ph.D. Pharmacology (with Neil Nathanson), University of Washington, 1987
- Postdoc, Molecular Neurobiology (with Jim Patrick), Salk Institute for Biological Studies, 1987-1988
- Postdoc, Neuroscience (with Jim Patrick), Baylor College of Medicine 1989-1991

Research Interests

Molecular and cellular pharmacology

Representative Publications

Luetje, C.W. (2004) [Getting past the asterisk: The subunit composition of presynaptic nicotinic receptors that modulate striatal dopamine release.](#) **Molecular Pharmacology 65: 1333-1335.**

Everhart, D., Cartier, G.E., Malhotra, A., Gomes, A.V., McIntosh, J.M., and Luetje, C.W. (2004) [Determinants of potency on \$\alpha\$ -conotoxin-MII, a peptide antagonist of neuronal nicotinic receptors.](#) **Biochemistry 43: 2732-2737.**

Maddox FN, Valeyev AY, Poth K, Wood PM, Holohean AM, Davidoff RA, Hackman JC, and Luetje CW. (2004) [GABAA receptor subunit mRNA expression in cultured embryonic and adult human dorsal root ganglion neurons.](#) **Developmental Brain Research 149: 143-151.**

Burnstein, K.L. and Luetje, C.W. (2004) [Hormone resistance: it's SMRT to fight repression.](#) **Endocrinology 145: 1525-1526.**

Everhart, P., Reiller, E., Mirzoian, A., McIntosh, J.M., Malhotra, A. and Luetje, C.W. (2003) [Identification of residues that confer \$\alpha\$ -conotoxin PnIA sensitivity on the \$\alpha\$ 3 subunit of neuronal nicotinic acetylcholine receptors.](#) **Journal of Pharmacology and Experimental Therapeutics 306: 664-670.**

Krajewski J.L., Luetje C.W. and Kramer R.H. (2003) [Tyrosine phosphorylation of rod cyclic nucleotide-gated channels switches off Ca²⁺/calmodulin inhibition.](#) **Journal of Neuroscience 23: 10100-10106.**

Molokanova, E., Krajewski, J.L., Satpaer, D., Luetje, C. and Kramer, R.H. (2003) [Subunit contributions to phosphorylation dependent modulation of rod cyclic nucleotide-gated channels.](#) **Journal of Physiology 552.2: 345-356.**

Hsiao, B., Dweck, D. and Luetje, C.W. (2001) [Subunit dependent modulation of neuronal nicotinic receptors by zinc.](#) **Journal of Neuroscience 21: 1848-1856.**

- A more complete listing of the Luetje laboratory's publications is [available](#).
- Coordinates for receptor models are available for [download](#).

More Info:

http://chroma.med.miami.edu/pharm/faculty_Luetje.html