

Jennifer C. Lin

Education

Ph.D. in Cellular and Developmental Biology

B.S. in Biotechnology

Publications

Lin J.C., Duell K, Saracino M, and Konopka J.B. Identification of residues that contribute to receptor activation through the analysis of compensatory mutations in the G protein-coupled alpha-factor receptor. *Biochemistry*, 2005 Feb 1; 44(4):1278-87.

Lin, J.C., Duell, K., Konopka, J.B. A microdomain formed by the extracellular ends of the transmembrane domains promotes activation of the G protein-coupled alpha-factor receptor. *Molecular and Cellular Biology*, 2004, 24, 2041-51.

Lin, J.C., Parrish, W., Eilers, M., Smith, S.O., and Konopka, J.B. Aromatic residues at the extracellular ends of transmembrane domains 5 and 6 promote ligand activation of the G protein-coupled α -factor receptor. *Biochemistry*, 2003, 42, 293-301.

Lin, J.C., Saracino, M., Berketis, M., Gladue, D., Duell, K., and Konopka J.B. Genetic approaches for the analysis of G protein-coupled receptors. *Recent Research Developments in Molecular and Cellular Biology*, 2003.

Kim, K.E., Gu, C., Thakur, S., Vieira, E., Lin, J.C., and Rabson, A.B. Transcriptional regulatory effect of lymphoma-associated NF κ B2/lyt10 protooncogenes. *Oncogene*, 2000, 2; 19, 1334-45.

Awards

NIH/NCI Cancer Biology Training Grant, Post-Doctoral Fellowship	2007-Present
NIH/NCI Cancer Biology Training Grant, Pre-Doctoral Fellowship	1999-2002
Cancer Institute of New Jersey Undergraduate Research Fellowship	Summer of 1996 and 1997

Abstracts

Jennifer C. Lin, Ken Duell and James B. Konopka. Topology mapping of a G protein-coupled receptor. Gordon Research Conference: Ligand recognition and molecular gating, Il Ciocco, Italy (2002)

Jennifer C. Lin, Ken Duell and James B. Konopka. Dominant-negative mutants identified a binding domain for the peptide ligand of the G protein-coupled alpha-factor receptor. Gordon Research Conference: Chemistry and biology of peptides, Ventura Beach Hotel, Ventura, CA (2002)

Jennifer C. Lin, William R. Parrish and James B. Konopka. The ligand-binding domain of the alpha-factor receptor. Yeast Cell Biology Meeting; Cold Spring Harbor, NY (2001)

Jennifer C. Lin and James B. Konopka. Genetic analysis of alpha-factor pheromone receptor activation. Yeast Genetics and Molecular Biology Meeting; University of Washington, WA (2000)

Jennifer C. Lin and James B. Konopka. Genetic analysis of the alpha-factor receptor. G-Protein Signaling Workshop; Mount Sinai School of Medicine, NY (1999)