

Dong Wang

Senior Principal Scientist, Psychiatry and Behavioral Sciences - Sleep Medicine

Publications

PUBLICATIONS

- **Delta Opioid Receptors Presynaptically Regulate Cutaneous Mechanosensory Neuron Input to the Spinal Cord Dorsal Horn** *NEURON*
Bardoni, R., Tawfik, V. L., Wang, D., Francois, A., Solorzano, C., Shuster, S. A., Choudhury, P., Betelli, C., Cassidy, C., Smith, K., de Nooij, J. C., Mennicken, F., O'Donnell, et al
2014; 81 (6): 1312-1327
- **Thermotaxis navigation behavior.** *WormBook : the online review of C. elegans biology*
Goodman, M. B., Klein, M., Lasse, S., Luo, L., Mori, I., Samuel, A., Sengupta, P., Wang, D.
2014: 1-10
- **GCY-8, PDE-2, and NCS-1 are critical elements of the cGMP-dependent thermotransduction cascade in the AFD neurons responsible for C. elegans thermotaxis** *JOURNAL OF GENERAL PHYSIOLOGY*
Wang, D., O'Halloran, D., Goodman, M. B.
2013; 142 (4): 437-449
- **Keratin K18 Increases Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Surface Expression by Binding to Its C-terminal Hydrophobic Patch** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Duan, Y., Sun, Y., Zhang, F., Zhang, W. K., Wang, D., Wang, Y., Cao, X., Hu, W., Xie, C., Cuppoletti, J., Magin, T. M., Wang, H., Wu, et al
2012; 287 (48): 40547-40559
- **Mechanosensitive gating of CFTR** *NATURE CELL BIOLOGY*
Zhang, W. K., Wang, D., Duan, Y., Loy, M. M., Chan, H. C., Huang, P.
2010; 12 (5): 507-U214
- **Functional coupling of Gs and CFTR is independent of their association with lipid rafts in epithelial cells** *PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY*
Wang, D., Wang, W., Duan, Y., Sun, Y., Wang, Y., Huang, P.
2008; 456 (5): 929-938
- **Apical adenosine regulates basolateral Ca²⁺-activated potassium channels in human airway Calu-3 epithelial cells** *AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY*
Wang, D., Sun, Y., Zhang, W., Huang, P.
2008; 294 (6): C1443-C1453