

References

- Bennett, V., & Healy, J. (2008). Organizing the fluid membrane bilayer: diseases linked to spectrin and ankyrin. *Trends in Molecular Medicine*, *14*(1), 28–36. Epub 2007 Dec 20. Review. PubMed PMID: 18083066.
- Carter, G. C., Bernstone, L., Sangani, D., Bee, J. W., Harder, T., & James, W. (2009). HIV entry in macrophages is dependent on intact lipid rafts. *Virology*, *386*(1), 192–202. Epub 2009 Jan 30. PubMed PMID: 19185899.
- Cheng, H., Vetrivel, K. S., Gong, P., Meckler, X., Parent, A., & Thinakaran, G. (2007). Mechanisms of disease: new therapeutic strategies for Alzheimer's disease—targeting APP processing in lipid rafts. *Nature Clinical Practice. Neurology*, *3*(7), 374–382. Review. PubMed PMID: 17611486.
- Gold, M. S., Kobeissy, F. H., Wang, K. K., Merlo, L. J., Bruijnzeel, A. W., Krasnova, I. N., et al. (2009). Methamphetamine- and trauma-induced brain injuries: comparative cellular and molecular neurobiological substrates. *Biological Psychiatry*, *66*(2), 118–127. Epub 2009 Apr 5. Review. PubMed PMID: 19345341.
- Ikeda, Y., Dick, K. A., Weatherspoon, M. R., Gincel, D., Armbrust, K. R., Dalton, J. C., et al. (2006). Spectrin mutations cause spinocerebellar ataxia type 5. *Nature Genetics*, *38*(2), 184–190. Epub 2006 Jan 22. PubMed PMID: 16429157.
- Rushworth, J. V., & Hooper, N. M. (2011) Lipid rafts: Linking Alzheimer's amyloid- β production, aggregation and toxicity at neuronal membranes. *International Journal of Alzheimer's Disease*, *2011*, 603052. Review PMID: 21234417 [PubMed—in process]
- Schafer, D. P., Jha, S., Liu, F., Akella, T., McCullough, L. D., & Rasband, M. N. (2009). Disruption of the axon initial segment cytoskeleton is a new mechanism for neuronal

- injury. *Journal of Neuroscience*, 29(42), 13242–13254. PubMed PMID: 19846712; PubMed Central PMCID: PMC2801423.
- Schengrund, C. L. (2010). Lipid rafts: keys to neurodegeneration. *Brain Research Bulletin*, 82(1–2), 7–17. Epub 2010 Mar 3. Review. PubMed PMID: 20206240.
- Taylor, D. R., & Hooper, N. M. (2007). Role of lipid rafts in the processing of the pathogenic prion and Alzheimer's amyloid-beta proteins. *Seminars in Cell & Developmental Biology*, 18(5), 638–648. Epub 2007 Jul 24. Review. PubMed PMID: 17822928.
- Zabrocki, P., Bastiaens, I., Delay, C., Bammens, T., Ghillebert, R., Pellens, K., et al. (2008). Phosphorylation, lipid raft interaction and traffic of alpha-synuclein in a yeast model for Parkinson. *Biochimica et Biophysica Acta*, 1783(10), 1767–1780. Epub 2008 Jun 19. PubMed PMID: 18634833.
- Simons, K., & Gerl, M. J. (2010). Revitalizing membrane rafts: New tools and insights. *Nature Reviews Molecular and Cell Biology*, 11, 688–699. [Review]
- Sivasubramanian, N., & Nayak, D. P. (1987). Mutational analysis of the signal-anchor domain of influenza virus neuraminidase. *Proceedings of Natl Acad Sci USA*, 84, 1–5.
- Tanford, C. (1980). *The hydrophobic effect: Formation of micelles and biological membranes* (2nd ed.). New York, NY: Wiley Interscience.
- Ursitti, J. A., Kotula, L., DeSilva, T. M., Curtis, P. J., & Speicher, D. W. (1996). Mapping the human erythrocyte α -spectrin dimer initiation site using recombinant peptides and correlation of its phasing with the α -actinin dimer site. *Journal of Biological Chemistry*, 271, 6636–6644.
- Van Duyl, B. Y., Ganchev, D., Chupin, V., de Kruijff, B., & Killian, J. A. (2003). Sphingomyelin is much more effective than saturated phosphatidylcholine in excluding

unsaturated phosphatidylcholine from domains formed with cholesterol. *FEBS Letters*, 547, 101–106.

Wang, D., & Shaw, G. (1995). The association of the C-terminal region of α -ISII spectrin to brain membranes is mediated by a PH domain, does not require membrane proteins, and coincides with an inositol-1,4,5 triphosphate binding site. *Biochemical and Biophysical Research Communications*, 217, 608–615.

Yan, Y., Winograd, E., Viel, A., Cronin, T., Harrison, S. C., & Branton, D. (1993). Crystal structure of the repetitive segments of β -spectrin. *Science*, 262, 2027–2030.