

List of Publications

Sami Rissanen — October 29, 2014

Peer-Reviewed Journal Articles

- [1] **T. Äijänen, A. Koivuniemi, M. Javanainen, S. Rissanen, T. Róg, and I. Vattulainen.** How Anacetrapib Inhibits the Activity of the Cholesteryl Ester Transfer Protein? Perspective through Atomistic Simulations. Submitted to *PLOS Computational Biology*.
- [2] **S. Rissanen, M. Kumorek, H. Martinez-Seara, Y. Li, D. Jamróz, A. Bunker, M. Nowakowska, I. Vattulainen, M. Kepczynski, and T. Róg.** Effect of PEGylation on drug entry into lipid bilayer. *The Journal of Physical Chemistry B*, 118(1):144–151, 2014.
- [3] **Y. Li, S. Rissanen, M. Stępniewski, O. Cramariuc, T. Róg, S. Mirza, H. Xhaard, M. Wytrwal, M. Kepczynski, and A. Bunker.** Study of Interaction Between PEG Carrier and Three Relevant Drug Molecules: Piroxicam, Paclitaxel, and Hematoporphyrin. *The Journal of Physical Chemistry B*, 116(24):7334–7341, 2012.
- [4] **M. Stępniewski, M. Kepczynski, D. Jamróz, M. Nowakowska, S. Rissanen, I. Vattulainen, and T. Róg.** Interaction of Hematoporphyrin with Lipid Membranes. *The Journal of Physical Chemistry B*, 116(16):4889–4897, 2012.

Conference Proceedings

- [5] **S. Rissanen, H. Martine-Seara, A. Bunker, I. Vattulainen, and T. Róg.** Effect of Sodium Ions on Bloodstream Lifetime of PEGylated Drug Molecules. Poster in *Proceedings of the 48th Annual Meeting of the Finnish Physical Society*, 2014.
- [6] **S. Rissanen, A. Orlowski, T. Róg., and I. Vattulainen.** Effect of Fluorescence Labeling of GM1 on Its Interaction with Cholera Toxin. Poster in *Joint FEBS – EMBO ADVANCED LECTURE COURSE*, 2013.
- [7] **S. Rissanen, A. Orlowski, T. Róg., and I. Vattulainen.** Binding of Cholera Toxin to Lipid Bilayers of Various Compositions. Poster in *Proceedings of the XLVII Annual Meeting of the Finnish Physical Society*, 2013.
- [8] **S. Rissanen, A. Bunker, I. Vattulainen, and T. Róg.** Effects of Polyethylene Glycol on Porphyrin Partitioning into a Lipid Bilayer. Oral presentation in *2nd EBSA BIOPHYSICS COURSE ON: Membrane Biophysics and Lipid-Protein Interaction*, 2012.
- [9] **S. Rissanen, M. Stępniewski, A. Bunker, I. Vattulainen, M. Kepczynski, and T. Róg.** Interaction of Hematoporphyrin and Tetraphenylporphyrin with Lipid Membranes. Poster in *Proceedings of the XLVI Annual Meeting of the Finnish Physical Society*, 2012.