

From 6<sup>th</sup> to 8<sup>th</sup> of April 2011 I participated in a conference "Membrane Proteins: Structure and Function" organized by the Molecular Graphics and Modelling Society (MGMS) at Oxford University.

Invited speakers, including top names in their respective fields presented recent advances in studying membrane proteins' structure and function. The work presented included both experimental and computational results (which were more interesting for me). The proteins discussed were ligand-gated ion channels, transporters and GPCRs. I benefited greatly from the presentations given. I particularly remember the talk given by Dahlia Anne Goldfeld about new method for loop prediction which was successful in reconstructing loops in known GPCR 3D structures. I also presented a poster about my work "Effects of the lipid bilayer phase state on the water membrane interface". I had an opportunity to listen to the top scientists in the field. It gave me a lot of insight into the most exciting work being done. I heard about the newest methods developed that could be applied in my work. I had an opportunity to exchange with other scientists, which inspired some ideas about my own research and created prospects for future cooperation. I want to thank ISB and MGMS for financial support which enabled me to participate in this wonderful event..

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