Program

2nd International Symposium on Computational Materials and Biological Sciences

September 1 - September 2, 2015, Nagoya University, Japan

Tuesday, Sep. 1	
13:30-13:40	Opening: Kenji Yasuoka (*Keio University*)
Session I (Chair: Kholmirzo Kholmurodov)	
13:40-14:10 **Invited #1**	Roman Efremov (Institute of Bioorganic Chemistry, Moscow) Cell Membranes as Stochastic Dynamic Systems: a Computational View.
14:10-14:40 **Invited #2**	Takao Yoda (*Nagahama Institute of Bio-Science and Technology*) Simulation Study on Conformations of Antimicrobial Peptide Cryptdin 4 and its Mutants
14:40-15:40	Poster Previews (Chair: Donguk Suh)
15:40-18:40	Poster Presentations
19:00-21:00	Banquet
Wednesday, Sep. 2	
Session II (Chair: Takao Yoda)	
9:00-9:30 **Invited #3**	Anton Polyansky (*Institute of Bioorganic Chemistry, Moscow*) Single-Point Mutations in PDGFRA Transmembrane Domain Induce Repopulation of an Ensemble of its Homodimer States and Modulate Basal Activity of the Receptor
9:30-10:00 **Invited #4**	Satoshi Ohmura (*Hiroshima Institute of Technology*) Charge Dynamics in Light-Harvesting Organic Supermolecule
10:00-10:30 **Invited #5**	Vladimir Palyulin (*Moscow State University, Moscow*) Molecular Dynamics Simulation and QSAR Studies of Ligand-Receptor Interactions in Ionotropic Glutamate Receptors
10:30-11:00	Coffee Break
Session III (Chair: Satoshi Ohmura)	
11:00-11:30 **Invited #6**	Yoshimichi Andoh (*Nagoya University*) Large-Scale All-Atom Molecular Dynamics (MD) Simulations of Biomolecular Systems Using a General Purpose MD Simulation Program, MODYLAS
11:30-12:00 **Invited #7**	Noriyoshi Arai (*Kinki University*) Self- Assembly of Diblock and Triblock Janus Nanoparticles in Nanotubes
12:00-12:20 Oral #1	Donguk Suh (*Keio University*) Molecular Dynamics Simulation of Condensation on Elongated Nanocuboids and Nanotubes
12:20-12:30	Closing: Tomoyuki Yamamoto (*Waseda University*)