應用科學研究中心
Research Center for Applied Sciences

9th Miniworkshop on Multiscale Simulations of Biological Systems

Date: Friday, 22nd of June 2018

Venue: B106 Auditorium, 1st Floor, Interdisciplinary Research Building for Science and Technology (IRBST)

TIME	ACTIVITIES
09:45 – 10:00	Registration
10:00 – 10:10	Opening Jung-Hsin Lin, AS and NTU, Taipei Wolfgang Fischer, NYMU, Taipei Hao-Jen Hsu, TCU, Hualien
10:10 – 10:30	Meng-Han Lin, National Yang-Ming University, Biophysical Chemistry Lab Investigating the electrostatic interactions of charged lipids in bilayers and vesicles.
10:30 – 10:50	Kingsley Theras Primus Dass, Tzu Chi University, Biophysics and Structural Bioinformatics Lab In Silico Study On the Activation Mechanism of Chemokine Receptor CXCR4 in Complex with Gαi protein.
10:50 – 11:10	Dhananjay Joshi, Academia Sinica, Pharmacoinformatics Lab Characterizing protein-protein interactions using a novel generalized curvilinear-path umbrella sampling approach.
11:10 – 11:30	Coffee Break
11:30 – 11:50	Ta-Chou Huang, National Yang-Ming University, Biophysical Chemistry Lab Probing an algorithm for viral membrane protein structure prediction.
11:50 – 12:10	Yi-Xian Chen, Academia Sinica, Polymer Physics and Complex Fluid Group Air gases affect mechanical properties of lipid bilayers.
12:10 – 12:30	Hong-Rui, National Tsing-Hua University, Bioinformatics Calibrating ENM into a molecular timer and sizer by fluctuation profile matching and time scale determination of anharmonic normal modes.
12:30 – 13:50	Lunch Break
13:50 – 14:10	Chia-Wen Wang, National Yang-Ming University, Biophysical Chemistry Lab Conformational destabilization of the transmembrane domain of HIV-1 gp41 induced by arginines.
14:10 – 14:30	Yu-Kie Lin, National Taiwan University, Biochemistry and Molecular Biology College of Medicine Biophysical characterization of EphA2 receptor upon activation of EphA2 agonist.
14:30 – 14:50	Henry Lou, National Taiwan University, Biochemistry and Molecular Biology College of Medicine Discovery of Potential Ligand Promotes EphA2 Signaling to Suppress Tumor Progression in Sorafenib-Resistant HCC Cell.
14:50 – 15:00	Closing remarks

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