



應用科學研究中心

Research Center for Applied Sciences

10th Miniworkshop on Multiscale Simulations of Biological Systems

Date: Friday, 24th of May 2019

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	Dhananjay Joshi , Academia Sinica, Pharmacoinformatics Lab <i>Analyzing the role of evolving hydrogen-bonded chains of interfacial waters in protein-protein recognition process: a MD simulation study of barnase-barstar complex.</i>
10:30 – 10:50	Chia Wen Wang , National Yang-Ming University, Biophysical Chemistry Lab <i>Effects of charged residues within the transmembrane domain of viral proteins.</i>
10:50 – 11:10	Boris Touzeau , Academia Sinica, Pharmacoinformatics Lab <i>Predicting protein-ligand binding free energy with recent deep learning approaches.</i>
11:10 – 11:30	Coffee Break
11:30 – 11:50	Pei-Ying Chu , Academia Sinica, Pharmacoinformatics Lab <i>Modeling the interactions between the spider toxins and the human calcium channels.</i>
11:50 – 12:10	Ya-Tzu Li , Tzu Chi University, Biophysics and Structural Bioinformatics Lab <i>In silico study on the intracellular signaling of dopamine receptor D3R in complex with G protein.</i>
12:30 – 13:50	Closing remarks and Lunch Break