



International Summer School/Workshop on Integrative Biology of “Agriculture, Health and Ecology”

Sunday Afternoon, 9th Aug 2020

Online meeting, onsite participants: Hangzhou/Tongliao/Novosibirsk/London/Munich

Beijing Time	Topics	Speaker
14:20-14:30	Opening Remarks	Ming Chen Yuriy Orlov
14:30-15:00	Gene expression regulation analysis based on 3D genomics data and next-gen sequencing	Yuriy Orlov
15:00-15:30	ChIP-Hub: an Integrative Platform for Exploring Plant Regulome	Dijun Chen
15:30-16:00	Prediction of Adipose Browning Capacity by Systematic Integration of Transcriptional Profiles	Li Jiang
Coffee/Tea Break		
16:30~16:50	Membrane and Vesicle Modelling and Simulation with the MembraneEditorr	Bjoern Sommer
16:50~17:10	The Incorporation of Biological Materials into Product Designs	Nurul 'Ayn Ahmad Sayuti
17:10~17:30	Unravelling the likely association between individuals' ancestral make-up and the severity of COVID-19 manifestations	Ranjit Das
17:30~18:00	Data Science in Biological Data: bioinformatics application	Alexandre Paschoal
18:00~18:30	Discussion & Close	

Organizers:

Ming Chen, Zhejiang University; Inner Mongolian University for the Nationalities; ZJ Bioinformatics Society
Yuriy Orlov: Novosibirsk State University; Bjoern Sommer: Royal College of Art; Li Jiang: Munich University