

Schedule

Arrangement				
Time (UK)	Time (China)	Name	Lab	Title of Topic
Session I Introduction				
08:30-10:00	15:30-17:00	Introduction to the two institutes with videos and slides		
Session II Genome Editing Chair: Hansong Ma				
10:00-10:20	17:00-17:20	Dawei Sun	University of Cambridge Emma Rawlins' lab	A Pair of SOXs in Human Lung Development: Combining Organoid and CRISPR technology to Study Human Biology
10:20-10:40	17:20-17:40	Xiaojie Ma	Zhejiang University Saiyong Zhu's lab	Small molecules promote CRISPR-Cpf1-mediated genome editing in human pluripotent stem cells
10:40-11:00	17:40-18:00	Domenic Pilger	University of Cambridge Steve Jackson's lab	Exploring the DNA damage response by phenotypic and functional CRISPR/Cas9 screens
11:00-12:00	18:00-19:00	Lunch / Dinner		
Session III Developmental Biology Chair: Qi Zhou				
12:00-12:20	19:00-19:20	Leia Judge	University of Cambridge Andrea Brand's lab	Investigating the role of a novel long non-coding RNA involved in Drosophila neural stem cell reactivation from quiescence
12:20-12:40	19:20-19:40	Wen Kang	Zhejiang University Qi Zhou's lab	Evolution of Avian Digits
12:40-13:00	19:40-20:00	Xingxing Dai	Zhejiang University Hengyu Fan's lab	The function and regulation of CCR4—NOT complex in spermatogenesis
13:00-13:15	20:00-20:15	Tea Break		
Session IV Cancer Biology Chair: Junfang Li				
13:15-13:35	20:15-20:35	Ragini Medhi	University of Cambridge Eric Miska's lab	Depletion of terminal RNA modifications negatively impacts tumour fitness
13:35-13:55	20:35-20:55	Fubo Ji	Zhejiang University Junfang Ji's lab	A Sex-related Member of the Cytochrome P450 Family Blocks Hepatocarcinogenesis
13:55-14:15	20:55-21:15	Qingzhe Wu	Zhejiang University Hai Song's lab	The role of Notch and Hippo signaling in pulmonary neuroendocrine cells during lung tumorigenesis

July,
24th

Arrangement				
Time (UK)	Time (China)	Name	Lab	Title of Topic
02:00-02:10	09:00-9:10	Introduction		
Session I Organelle and Organs				
02:10-02:30	09:10-09:30	Liuju Li	Peking University Liangyi Chen's lab	Super-resolution fluorescence-assisted diffraction computational tomography reveals dark-vacuole bodies and its role in coordinating the organelle interactome
02:30-02:50	09:30-09:50	Lingna Xu	Zhejiang University Chao Tong's lab	Miga mediated endoplasmic reticulum-mitochondria contact sites regulate neuronal homostasis
02:50-03:10	09:50-10:10	Yanzhu Yue	Peking University Weijian Zong's lab	Long-term live imaging reconstructs in toto cardiomyocyte behaviors underlying mammalian heart chamber formation
03:10-03:30	10:10-10:30	Huixia Ren	Peking University Liangyi Chen's Lab Chao Tang's lab	On the oscillation modes and cell type interaction of pancreatic islets
03:30-03:45	10:30-10:45	Tea break		
Session II Human Disease				
03:45-04:05	10:45-11:05	Ruicong Wang	Xiamen University Wei Mo's lab	Gut stem cell necroptosis by genome instability triggers bowel inflammation
04:05-04:25	11:05-11:25	Panfeng Tao	Zhejiang University Qing Zhou's lab	A dominant autoinflammatory disease caused by non-cleavable variants of RIPK1
04:25-04:45	11:25-11:45	Chun Gao	Zhejiang University Xinhua Feng's lab	HSPA13 Bifurcates TNFa-induced NF-kB and Death Responses
04:45-05:05	11:45-12:05	Fujie Yan	Zhejiang University Yongqun Zhu's lab	Threonine ADP-Ribosylation of Ubiquitin by a Bacterial Effector Family Blocks Host Ubiquitination
05:05-05:25	12:05-12:25	Keqi Fan	Zhejiang University Jin Jin's lab	The function and regulation mechanism of CD4+ T cells in the onset of anxiety
05:25-06:30	12:25-13:30	Lunch		
Session III Structure and Function of Biomolecules				
06:30-06:50	13:30-13:50	Yunlu Kang	Peking University Lei Chen's lab	Structural insights into the mechanism of human soluble guanylate cyclase

**July,
26th**

06:50-07:10	13:50-14:10	Luqian Zheng	Zhejiang University Aiming Ren's lab	Hatchet ribozyme structure and implications for cleavage mechanism
07:10-07:30	14:10-14:30	Bowen Rong	Fudan University Fei Lan's lab	Ribosome 18S m6A methyltransferase METTL5 promotes translation initiation and cell growth in human cells and impacts worm lifespan
07:30-07:50	14:30-14:50	Hongxia Zhao	Zhejiang University Shixian Lin's lab	Chimeric design of Pyrrolysyl-tRNA synthetase/tRNA pairs and canonical synthetase/tRNA pairs for genetic code expansion
07:50-08:05	14:50-15:05	Tea Break		
Session IV Molecular Cell Biology				
08:05-08:25	15:05-15:25	Liang Wang	Tsinghua University Pilog Li's lab	Phase-Separated Organizers of Chromatin Compartmentalization
08:25-08:45	15:25-15:45	Xu Wang	Xiamen University YuanJing's lab	A Protein Palmitoylation Cascade Regulates Microtubule Cytoskeleton integrity in Plasmoidum
08:45-09:05	15:45-16:05	Qinfu Chen	Zhejiang University Fangwei Wang's lab	Molecular mechanism linking heterochromatin to sister chromatid cohesion in mitosis
09:05-09:25	16:05-16:25	Jinyuan Duan	Zhejiang University Xing Guo's lab	A conserved, mitotic phosphorylation event that regulates 26S proteasome activity
09:25-09:40	16:25-16:40	Summary		