**Schedule**

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| **July, 24th** | **Arrangement** |
| **Time****(UK)** | **Time (China)** | **Name** | **Lab** | **Title of Topic** |
| **Session I** |
| 08:30-10:00 | 15:30-17:00 | Introduction |
| **Session II Genome Editing** |
| 10:00-10:20 | 17:00-17:20 | Dawei Sun | University of CambridgeEmma 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 UniversitySaiyong 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 CambridgeSteve 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** |
| 12:00-12:20 | 19:00-19:20 | Leia Judge | University of CambridgeAndrea 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 UniversityQi Zhou’s Lab | Evolution of Avian Digits |
| 12:40-13:00 | 19:40-20:00 | Xingxing Dai | Zhejiang UniversityHengyu 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** |
| 13:15-13:35 | 20:15-20:35 | Ragini Medhi | University of CambridgeEric Miska’s Lab | Depletion of terminal RNA modifications negatively impacts tumour fitness |
| 13:35-13:55 | 20:35-20:55 | Fubo Ji | Zhejiang UniversityJunfang 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 |

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| **July, 26th** | **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 UniversityLiangyi 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 UniversityChao Tong’Lab | Miga mediated endoplasmic reticulum-mitochondria contact sites regulate neuronal homostasis |
| 02:50-03:10 | 09:50-10:10 | Yanzhu Yue | Peking UniversityWeijian 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 UniversityLiangyi 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 UniversityWei Mo’s Lab | Gut stem cell necroptosis by genome instability triggers bowel inflammation |
| 04:05-04:25 | 11:05-11:25 | Panfeng Tao | Zhejiang UniversityQing 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 UniversityJin 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 UniversityLei Chen’s Lab, | Structural insights into the mechanism of human soluble guanylate cyclase |
| 06:50-07:10 | 13:50-14:10 | Luqian Zheng | Zhejiang University Aiming Ren’sLab | Hatchet ribozyme structure and implications for cleavage mechanism |
| 07:10-07:30 | 14:10-14:30 | Bowen Rong | Fudan UniversityFei 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 | TsinghuaUniversityPilong Li’s Lab | Phase-Separated Organizers of Chromatin Compartmentalization |
| 08:25-08:45 | 15:25-15:45 | Xu Wang | Xiamen UniversityYuanJing’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 UniversityXing Guo’s Lab | A conserved, mitotic phosphorylation event that regulates 26S proteasome activity |
| 09:25-09:40 | 16:25-16:40 | Summary |