

CDCB 2010 PROGRAMME

November 18 ~ 22, 2010, Hefei, Anhui, China

Conference web: <http://cdc.ustc.edu.cn>

Conference coordinator: zhenguo@ustc.edu.cn

PRELIMINARY PROGRAMME

MEETING VENUE

Life Science Building Auditorium
443 Huangshan Road, Hefei 230027

ACCOMMODATION FOR SPEAKERS

7+1 Hotel
438 Huangshan Road, Hefei 230027

Thursday, November 18, 2010

13:00 - 18:00 Registration
18:30 - 20:30 Reception for Speakers

Friday, November 19, 2010

08:30 - 08:45 Welcome

Plenary Lecture (Chair: Xuebiao YAO)

08:45 - 09:30 Don Cleveland, Ludwig Institute for Cancer Research-UCSD, USA

Chromosomal instability, Aneuploidy and Tumorigenesis

09:45 - 10:00 Group Photo & Tea Break

Session 1 CELL CYCLE & CIRCADIAN RHYTHM (Chair: Gianluca TOSINI)

10:00 - 10:40 Gianluca Tosini, Morehouse School of Medicine, USA

Cell cycle and Circadian Rhythm

10:50 - 11:20 Joseph Takahashi, UT Southwestern Medical Center, USA

Genetic and Molecular Analysis of Circadian Clocks in Mammals

11:30 - 12:00 Carla Green, UT Southwestern Medical Center, USA

Loss of Nocturnin, a Circadian Deadenylase, Confers Resistance to Diet-Induced Obesity

12:10 - 13:30 Lunch and Poster Session

Session 2 CELL DIVISION & GENOMIC STABILITY (Chair: Ariane ABRIEU)

13:30- 14:00* Xuebiao Yao, Anhui Key Laboratory for Chemical Biology, China

Chemical Biology of Mitotic Spindle Checkpoint

14:05 - 14:35 Tianhua Zhou, Zhejiang University, China

NudC Family as a Novel Regulator of Cell Division

14:40 - 15:10 Zhen Dou, Hefei National Laboratory for Physical Sciences at Microscale, China

SKAP Constitutes the Dynamics Interface between Kinetochores and Microtubules

15:15 - 15:45 Ariane Abrieu, Universités Montpellier, France

Tight Regulation of Mps1 Activity

15:50 - 16:20*	Jingde Zhu, Shanghai Cancer Institute, China <i>DNA methylation Perspective of Cancer Biology</i>
16:25 - 16:40	Coffee & Tea Break
Session 3	<u>TRAVEL AWARD & PRESELECTED ABSTRACTS (Chair: Don CLEVELAND)</u>
16:40 - 17:00	Tarsha Ward, Morehouse School of Medicine, USA (TRAVEL AWARDEE) <i>TIP150 Is Essential for Chromosome Movements in Mitosis</i> <u>PRESELECTED ABSTRACT PRESENTATION</u>
17:05 - 17:20	Youjun Chu, University of Science & Technology, China <i>Priming Aurora B by PLK1-mediated Phosphorylation of Survivin</i>
17:25 - 17:40	Shasha Hua, Hefei National Laboratory for Physical Sciences, China <i>CENP-U Cooperates with Hec1 to Regulate Spindle Plasticity</i>
17:45 - 18:00	Liangyu Zhang, Anhui Key Laboratory for Cellular Dynamics, China <i>Phosphorylation of MCAK by PLK1 Orchestrates Mitotic Spindle Plasticity</i>
Evening	Speaker Dinner at Top Stage (Bus leaves at 6:10 pm at the Gate)

Saturday, November 20, 2010

<u>Plenary Lecture 2</u>	(Chair: Guowei FANG)
08:30 - 09:15	Mitsuhiro Yanagida, Kyoto University, Japan <i>Cell Division and Metabolism</i>
Session 4	<u>EPIGENETIC & GENOMIC STABILITY (Chair: Yunyu SHI)</u>
09:30 - 10:00	Jinke Cheng, Shanghai Jiaotong University, China <i>SUMO-Specific Protease 2 Controls Polycomb Repression</i>
10:05 - 10:35*	Erwei Song, SunYat-Sen University, China <i>CCL18 Promotes EMT and Metastasis of Breast Cancer Cells</i>
10:40 - 10:55	Coffee & Tea Break
10:55 - 11:25*	Musheng Zeng, SunYat-Sen University Cancer Center, China <i>Viral and Cellular Oncogenes Induces an EMT and Cancer Stem Cell Phenotypes in Nasopharyngeal Carcinoma</i>
11:30 - 12:00	Yunyu Shi, University of Science & Technology of China, China <i>Histone chaperone and Heterochromatin Remodelling</i>
12:10 - 13:30	Lunch
Session 5	<u>CHEMICAL BIOLOGY OF ENZYME (Chair: Zhongyin ZHANG)</u>
13:30 - 14:00	David Lawrence, University of North Carolina, USA

Organic Chemistry at the Edge of Biology: Taming Cell Behavior with Light Responsive Molecules

14:05 - 14:35 Hualiang Jiang, Shanghai Institute of Materia Medica, China

Computation-aided Target Identification

14:40 - 15:10 Guowei Fang, Genetech Inc, USA

Ras and Beyond: The Biology and Therapy for Ras-Driven Tumors

15:15 - 15:45 ZhongYin Zhang, Indiana University, USA

Drugging the Undruggable: Targeting Protein Tyrosine Phosphatases for Therapeutic Development

15:50 - 16:05 Coffee & Tea Break

Session 6 **NEW TECHNOLOGIES (Chair: Jose RIZO)**

16:05 - 16:35 Hanfa Zou, Dalian Institute of Physical Chemistry, China

Development of Technology and Methods for Phosphoproteome Analysis

16:40 - 17:10 Kunio Takeyasu, Kyoto University, Japan

Atomic Force Microscopy in Nano-biology

17:15 - 17:45 Ping Xu, Beijing Institute of Proteomics, China

Dissecting the Structure of Ubiquitinated Proteins and Poly-Ub Linkages by Mass Spectrometry

17:50 - 18:20 Jose Rizo, UT Southwestern Medical Center, USA

Opening Syntaxin with Munc13: from Molecules to Thinking?

Evening Speaker Dinner at Shi Fu (walk to the restaurant)

Sunday, November 21, 2010

Session 7 **CELL PLASTICITY & HOMEOSTASIS (Chair: Shiyuan CHENG)**

08:30 - 09:00 Zhengjun Chen, Shanghai Institute of Biochemistry & Cell Biology, China

Regulation of Tight Junction Proteins in Cell Directional Migration

09:05 - 09:35* Zhiyong Wang, Hefei National Laboratory for Physical Sciences, China

Structural and Chemical Analyses of PCAF Bromodomain Function

09:40 - 10:10 Wei Liu, Zhejiang University, China

The Role of the Golgi Complex in Autophagy

10:15 - 10:30 Coffee & Tea Break

10:35 - 11:05 Shiyuan Cheng, University of Pittsburgh Cancer Center, USA

Dock180-ELMO1 and Human Glioma Invasion

11:10 - 11:20 Meeting Wrap-up