

THE 2010 BIOLS/CAS-MED/UT JOINT RESEARCH SYMPOSIUM

B105, Institute of Zoology, CAS

Tuesday March 9, 2010

Opening remarks (08:30-08:50)

Session I: Neural Development and Neural Diseases (08:50-12:30)

Speaker: **Sabine Cordes (08:50-09:15)**

Title: Epigenetic mechanisms in mammalian neural development

Speaker: **Zhongsheng Sun (09:15-09:40)**

Title: Developing approach of 5^mC mapping in the functional regions based on high-throughput sequencing technology

Speaker: **Freda Miller (09:40-10:05)**

Title: Neural stem cells - from genes to cognition

Speaker: **Mei Ding (10:05-10:30)**

Title: How far shall I go: the axon outgrowth in *C. elegans*

Tea break, group photo (10:30-10:50)

Speaker: **Mei Zhen (10:50-11:15)**

Title: Development and coordination of the *C. elegans* motor circuitry

Speaker: **Shigang He (11:15-11:40)**

Title: Activity independent development of a retinal neurocircuitry coding motion directions

Speaker: **Gabrielle Boulianne (11:40-12:05)**

Title: Role of Presenilins in Notch signaling and Alzheimer's disease

Speaker: **Hongxing Lei (12:05-12:30)**

Title: Deciphering the interaction and regulatory network of Alzheimer's disease

Session II: Cell Biology, Development and Cancer (14:00-17:15)

Speaker: **Howard Lipshitz (14:00-14:25)**

Title: Post-transcriptional gene regulation during early development

Speaker: **Xin Ye (14:25-14:50)**

Title: Functional analysis of cyclinE/Cdk2 substrate Ankrd17



Speaker: **Brenda Andrews (14:50-15:15)**

Title: Mapping biological pathways using yeast functional genomics

Speaker: **Zhiheng Xu (15:15-15:40)**

Title: Involvement of a novel JNK pathway complex in brain development and tumorigenesis

Tea Break (15:40-16:00)

Speaker: **Chi-Chung Hui (16:00-16:25)**

Title: Hedgehog signaling in development and cancer

Speaker: **Guangbiao Zhou (16:25-16:50)**

Title: Targeted therapy for cancer: from protein modification and degradation to medication

Speaker: **Lori Frappier (16:50-17:15)**

Title: Direct contribution of Epstein-Barr Nuclear Antigen 1 (EBNA1) to nasopharyngeal carcinoma

Wednesday March 10, 2010

Session III: Pathogenic Microbiology (08:30-11:00)

Speaker: **Alan Cochrane (08:30-08:55)**

Title: Interfering with HIV-1 RNA Processing

Speaker: **Wenjun Liu (08:55-09:20)**

Title: New strategy for inhibiting virus replication of influenza virus by cyclophilins as restriction factors

Speaker: **Scott Gray-Owen (09:20-09:45)**

Title: The pathogenic Neisseria: dancing with humans

Speaker: **Lixin Zhang (09:45-10:10)**

Title: Bioprospecting anti-infective compounds from microbial natural products

Speaker: **Jun Liu (10:10-10:35)**

Title: Global gene regulation in Mycobacterium tuberculosis

Speaker: **Bin Gao (10:35-11:00)**

Title: TBA

