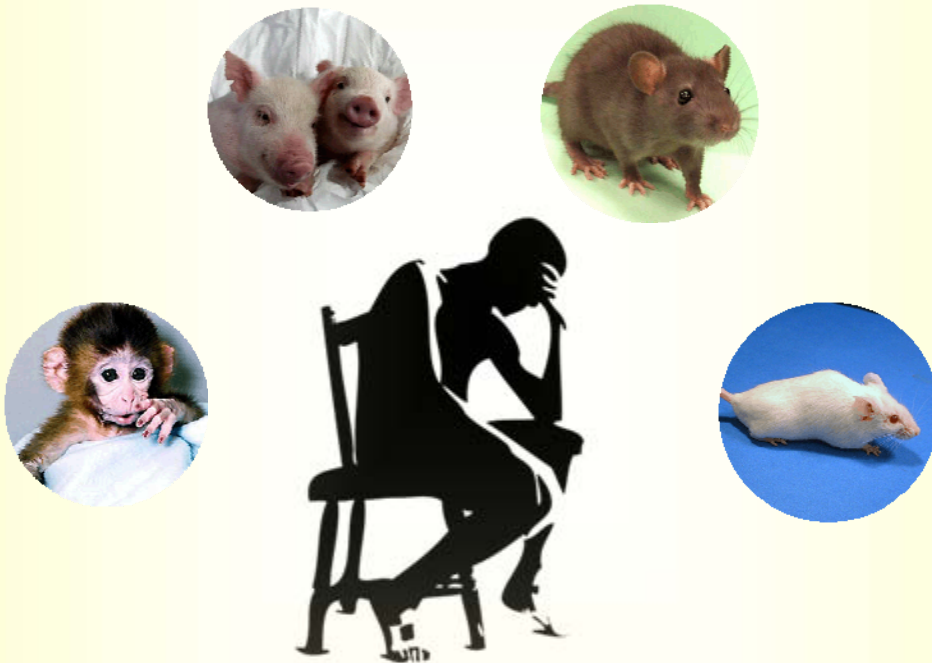


CAS International Symposium on Animal Models of Diseases

May 11-13, 2011

Beijing, China



Organized by

The Key Laboratory of Molecular and Developmental Biology, CAS

Institute of Genetics and Developmental Biology, CAS

**CAS International Symposium on
Animal Models of Diseases**

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The Key Laboratory of Molecular and Developmental Biology, IGDB, CAS

May 10, Tuesday

10:00–22:00 **Arrival and Check-in**
19:00 **Dinner and Welcome Reception at Fragrant Hill Hotel**
 Sponsored By Carl Zeiss Far East Co., Ltd.

May 11, Wednesday

7:30–8:30 **Breakfast**

8:30–9:00 Chair: **Weicai Yang**, IGDB, China
 Welcome remarks: **Yongbiao Xue**, IGDB, China

9:00–12:00 **Session I, Monkey Models**
 Chairs: **Xiao-Jiang Li**, Emory University, USA
 Weizhi Ji, Kunming Institute of Zoology, CAS

9:00–9:30 **Weizhi Ji**, Kunming Institute of Zoology, CAS
 Primate animal used in study of biomedicine

9:30–10:00 **Erika Sasaki**, Central Institute for Experimental Animals, Japan
 Establishment of non human primate preclinical study system for
 regenerative medicine

10:00–10:20 **Coffee/Tea break**

10:20–10:50 **Anthony Chan**, Emory University, USA
 Transgenic monkey model of Huntington's disease

10:50–11:30 **Olaf Riess and Huu Phuc Nguyen**, University of Tuebingen,
 Germany
 Transgenic rodent models of neurological disorders

11:30–12:00 **Xiao-Jiang Li**, Emory University, USA
 Huntington disease pathology in transgenic large animal models

12:00–14:00 **Lunch and Free Time**

14:00–18:00 **Session II, Mouse Models**
 Chairs: **Tian Xu**, Yale University, USA
 Chuxia Deng, National Institutes of Health, USA

14:00–14:30 **Xiang Gao**, Nanjing University, China
 A mouse model for studying fetal liver erythropoiesis

14:30–15:00 **Xiao Yang**, Institute of Biotechnology, Beijing, China
 Smad knockout mice with vascular disease

- 15:00–15:30 **Qi Zhou**, Institute of Zoology, CAS
TBA
- 15:30–16:00 **Chuxia Deng**, National Institutes of Health, USA
Knockout mouse models for sirtuins: Genome integrity, metabolism, and cancer
- 16:00–16:20 **Coffee/Tea break**
- 16:20–16:50 **Tian Xu**, Yale University, USA
TBA
- 16:50–17:20 **Zhugang Wang**, Shanghai Research Center for Model Organisms
TBA
- 17:20–17:45 **Wei Li**, IGDB, CAS
Mouse models of albinism: Insights into defects in development and trafficking
- 18:00 – 22:30 **Dinner and Poster Session**

May 12, Thursday

- 7:30–8:30 **Breakfast**
- 8:30–12:00 **Session III, Pig & Rat Models**
Chairs: **Howard J. Jacob**, Medical College of Wisconsin, USA
Ning Li, China Agriculture University, China
- 8:30– 9:00 **Lars Bolund**, Aarhus University, Denmark
Genetic design of pigs as models for dysregulatory disease processes
- 9:00– 9:30 **Liangxue Lai**, Guangzhou Institutes of Biomedicine and Health, CAS
Genetic modification of pigs for human disease
- 9:30–10:00 **Ning Li**, Chinese Agriculture University, China
A porcine model for hereditary sensorineural hearing loss
- 10:00–10:20 **Coffee/Tea Break**
- 10:20–10:50 **Howard J. Jacob**, Medical College of Wisconsin, USA
Building better models of human disease using ZFNs
- 10:50–11:20 **Qilong Ying**, University of Southern California, USA
Generating new rat models using ES cell-based gene-targeting technologies
- 11:20–11:50 **Chenjian Li**, Mount Sinai School of Medicine, USA
BAC transgenic rat models for neurodegenerative diseases
- 12:00– 14:00 **Lunch & Free Time**

14:00–18:00 Session IV. Mouse & Other Models

Chairs: **Zhuohua Zhang**, Central South University, China
Chonglin Yang, IGDB, CAS

14:00–14:30 **Zhuohua Zhang**, Central South University, China
TBA

14:30–14:55 **Xun Huang**, IGDB, CAS
Drosophila models of lipid storage disorders

14:55–15:20 **Liguo Zhang**, Institute of Biophysics, CAS
Humanized mice in biomedical research

15:20–15:45 **Yongqing Zhang**, IGDB, CAS
Synaptic mechanism of mental retardation

15:45–16:10 Coffee/Tea break

16:10–16:35 **Chonglin Yang**, IGDB, CAS
Identification of novel factors antagonizing endocytic organelle fusion
in *C. elegans*

16:35–17:00 **Zhiheng Xu**, IGDB, CAS
The involvement of a new JNK pathway protein complex in brain
development

17:00–17:25 **Bingyu Mao**, Kunming Institute of Zoology, CAS
Folate metabolism and neural development in *Xenopus*

17:25–17:50 **Mei Ding**, IGDB, CAS
Wnt and beyond: axon outgrowth in *C. elegans*

18:00 Dinner & Free Discussion of Interested Groups

May 13, Friday

7:30–8:30 Breakfast

8:30–12:00 Sightseeing in Great Walls or Forbidden City

(Attention to the delegates who is interested in the sightseeing should be registered and ready for the shuttle bus in the lobby at 13:30.)

14:00 Departure

(Attention to the delegates who is leaving should be registered and ready for the shuttle bus to the Airport in the lobby at 14:00.)

Note: For each talk, please allow for 5 min discussion.