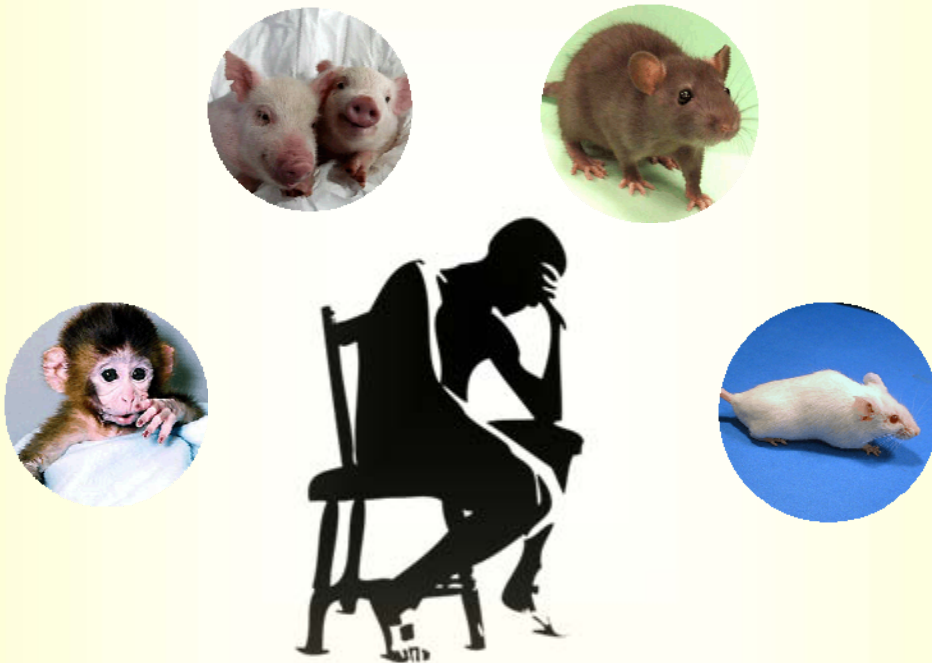


CAS International Symposium on Animal Models of Diseases

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 **Chenjia 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
TBA

15:45–16:10 **Coffee/Tea break**

16:10–16:35 **Chonglin Yang**, IGDB, CAS
TBA

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.