

The Croucher Foundation Advanced Study Institute

Fundamental Biology of *Aging* and *Aging* Disorders

January 5-6, 2011

Lecturers

Antoine Danchin	AMAbiotics SAS
Jingdong Han	Chinese Academy of Sciences
Matt Kaeberlein	University of Washington
Brian Kennedy	Buck Institute for Aging Research
Sang Chul Park	Seoul National University
Yousin Suh	Albert Einstein School of Medicine
Randy Strong	Barshop Institute for Longevity and Aging Studies
Xianmin Zeng	Buck Institute for Aging Research

Venue

Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William MW Mong Block, Faculty of Medicine Building, 21 Sassoon Road, Hong Kong

Department of Biochemistry
Centre for Reproduction, Development and Growth
Research Centre of Heart, Brain, Hormone
and Healthy Aging
Li Ka Shing Faculty of Medicine
The University of Hong Kong



*For Further Information and Application, please
contact Irene Poon at <biochem@hkusua.hku.hk>*

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January 5-6th, 2011

Day I, Jan 5th, 2011 (Wednesday)

Venue: Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William Mong Block, Faculty of Medicine Building, 21 Sassoon Road, Hong Kong

09:00-09:45 Registration Opens

Morning Session: Chaired by Prof Kathy CHEAH, HKU

09:50-10:00 Opening Ceremony
Welcome Address by

***Paul Tam, Pro-Vice Chancellor
The University of Hong Kong***

***Sum-ping Lee, Dean
Faculty of Medicine***

10:00-11:00 Plenary Session: **Yeast and Nematodes as Model Systems for Aging-Related Research**
Matt Kaeberlein, University of Washington, USA

11:00-12:00 Plenary Session: **Functional Approaches to the Genetics of Human Aging**
Yousin Suh, Albert Einstein School of Medicine, USA

12:00-14:00 **Lunch Break (Faculty restaurant, 7/F William Mong Block)**

Afternoon Session: Chaired by Dr. Mai Har SHAM, HKU

14:00-15:00 Plenary Session: **The Nuclear Barrier Hypothesis of Aging as Mechanism for Tradeoff Growth to Survival**
Sang Chul Park, Seoul National University, Korea

15:00-15:30 Coffee break

15:30-16:30 Plenary Session: **Human Pluripotent Stem Cells and Their Therapeutic Potentials in the Treatment of Parkinson's Disease**
Xianmin Zeng, The Buck Institute for Age Research, USA

16:30-17:30 Plenary Session: **Synthetic Biology of Aging**
Antoine Danchin, CEO AMAbiotics SAS, France

Day II, Jan 6th, 2011 (Thursday)

Venue: Mrs Chen Yang Foo Oi Telemedicine Centre, 2/F, William Mong Block, Faculty of Medicine Building, 21 Sassoon Road, Hong Kong

Morning Session: Chaired by Prof George TSAO, HKU

- 09:30-10:30 Plenary Session: **Conserved Genetic Pathways Controlling Aging**
Brian Kennedy, The Buck Institute for Age Research, USA
- 10:30-11:00 Coffee break
- 11:00-12:00 Plenary Session: **Epigenetic Control of Accelerated Aging**
Zhongjun Zhou, The University of Hong Kong
- 12:00-14:00 **Lunch – Dragon Place, Cyberport**

Afternoon Session: Chaired by Dr. Dong Yan JIN, HKU

- 14:00-15:00 Plenary Session: **Pharmacological Intervention in the Aging Process**
Randy Strong, Barshop Institute for Longevity and Aging Studies, USA
- 15:00-15:30 Coffee break
- 15:30-16:30 Plenary Session: **System Biology of Aging**
Jingdong Han, Institute of Genetics and Developmental Biology, Chinese Academy of Sciences
- 16:30-17:00 **Wrap-up and End of ASI**
- 18:00 ASI Banquet – Chi Fu Maxim’s Restaurant**