

The 11th CDB Meeting
Asian/Oceanian Fish Meeting
Program

November 15th (Mon)

9:00- **Opening remarks: Masahiko Hibi**

9:10-10:10 **Session (1)**

Chair: Masahiko Hibi (RIKEN Center for Developmental Biology, Japan)

Vg1 regulates endoderm cell fate and cell movement during zebrafish gastrulation

Karuna Sampath (Temasek Life Sci. Lab., Singapore)

Spatial regulation of neurogenesis in zebrafish posterior neuroectoderm

Masahiko Hibi (RIKEN Center for Developmental Biology, Japan)

Coffee Break

10:30-12:00 **Session (2)**

Chair: Wataru Shoji (Tohoku University, Japan)

Mib and Miblike work cooperatively in DeltaC internalization and Notch signaling

Yun-Jin Jiang (Institute of Molecular and Cell Biology, Singapore)

Understanding axon guidance: how zebrafish can help

Suresh Jesuthasan (Temasek Life Sciences Laboratory, Singapore)

Zebrafish as a Model System to Study Neural Circuit Development for Motion and Emotion

Hitoshi Okamoto (RIKEN Brain Science Institute, Japan)

Lunch Time

13:30-15:00 **Session (3)**

Chair: Ichiro Masai (Masai Initiative Research Unit, RIKEN, Japan)

Robo-Slit signaling is required to maintain the structural integrity of the axon scaffold in the embryonic vertebrate forebrain

Brian Key (University of Queensland, Australia)

***BarH* homeobox genes are involved in forebrain patterning**

Cheol-Hee Kim (Chungnam National University, Korea)

A systematic genome-wide screen for mutations affecting organogenesis in Medaka, *Oryzias latipes*

Makoto Furutani-Seiki (ERATO &SORST, JST, Japan)

Coffee Break

15:20-16:50

Session (4)

Chair: Atsuo Kawahara (Kyoto University, Japan)

RUNX genes: understanding diverse biological functions

Philip S. Crosier (The University of Auckland, New Zealand)

A genetic screen for mutations affecting organogenesis and fin regeneration of the medaka

Akira Kudo (Tokyo Institute of Technology, Japan)

Genetic control of skeletal muscle formation in the zebrafish embryo

Peter Currie (The Victor Chang Cardiac Research Institute, Australia)

Coffee Break

17:10-18:20

Session (5)

Chair: Motoyuki Itoh (Nagoya University, Japan)

Multiple cell fates induced by U-boot activity in the zebrafish embryo

Sudipto Roy (Institute of Molecular and Cell Biology, Singapore)

Somite-segmentation clock: cellular mechanisms for coordinated oscillation (+Medaka Genome Project)

Hiroyuki Takeda/Kiyoshi Naruse (University Tokyo, Japan)

18:30

Regional community meeting, Hitoshi Okamoto

November 16th (Tue)

10:00-11:30 **Session (6)**

Chair: Kyo Yamasu (Saitama University, Japan)

Of fish and chips: Genome-wide expression profiling studies using a zebrafish DNA chip

Zhiyuan Gong (National University of Singapore, Singapore)

Mutant Screening and Chemical Genomics in Zebrafish

Tae-Lin Huh (Kyungpook National University, Korea)

New approaches to study late developmental mechanisms in zebrafish

Vladimir Korzh (Institute of Molecular and Cell Biology, Singapore)

Lunch Time

13:00-14:30 **Session (7)**

Chair: Kohei Hatta (RIKEN Center for Developmental Biology, Japan)

A transposon-mediated gene trap approach in zebrafish

Koichi Kawakami (National Institute of Genetics, Japan)

Function and Regulation of Zebrafish Nuclear Receptors NR5A

Bon-chu Chung (Institute of Molecular Biology, Academia Sinica, Taiwan)

Genetic Studies of Pancreatic Development in Zebrafish

Shuo Lin (University of California, Los Angeles, USA)

14:30- **Concluding remarks: Hiroyuki Takeda**