

International Symposium  
Celebrating Dr. David S. Hogness,  
Recipient of the 23rd International Prize for Biology

November 21 (Wednesday) and 22 (Thursday) 2007  
Inamori Hall, Shiran-Kaikan, Kyoto University, Kyoto

**Supported by:**

Kyoto University  
Japan Society for the Promotion of Science (JSPS)

**Organizers:**

Fuyuki Ishikawa (Kyoto University),  
Noriyuki Satoh (Kyoto University),  
Kiyotaka Okada (National Institute for Basic Biology)  
Yasushi Hiromi (National Institute of Genetics)

**Symposium URL:**

<http://www.lif.kyoto-u.ac.jp/ip-biology>

## Schedule Outline

### November 21 (Wednesday)

8:15~8:45	Registration
9:00	Opening addresses
9:15-11:35	Session 1 - Vertebrate Models
13:00-14:45	Session 2 - Emerging Model Organisms
14:45-15:00	Break
15:00-15:35	Session 2 - Emerging Model Organisms
15:35-16:10	Session 3 - Plants
16:10-17:10	Poster presentation, served with drinks

### November 22 (Thursday)

9:30-11:15	Session 3 - Plants
11:15-11:30	Photo
12:50-14:25	Session 4 - <i>Drosophila</i>
14:25-14:45	Break
14:45-15:40	Session 4 - <i>Drosophila</i>
15:40-15:50	Celebrating Dr. David S. Hogness

## Program

### November 21 (Wednesday)

8:15~8:45            **Registration**

9:00                    **Opening addresses**

**Hiroshi Matsumoto** (Vice-President, Kyoto University)

**Eisuke Nishida** (Dean of Graduate School of Biostudies, Kyoto University)

9:15-11:35            **Session 1            Vertebrate Models**

**Chair: Toshihiko Shiroishi and Philip Beachy**

**Toshihiko Shiroishi** (National Institute of Genetics)

Functional Genomics of Complex Traits Based on Mouse Inter-Subspecific Differences

**Lilianna Solnica-Krezel** (Vanderbilt University)

Genetic Regulation of Gastrulation Movements in Zebrafish

**Shinichi Morishita** (University of Tokyo)

Vertebrate Genome Evolution Examined by Comparing the Human and Fish Genomes

**Philip Beachy** (Stanford University)

Hedgehog Signaling in Development and Disease

13:00-14:45            **Session 2            Emerging Model Organisms**

**Chair: Noriyuki Satoh and Alejandro Sánchez Alvarado**

**Alejandro Sánchez Alvarado** (University of Utah School of Medicine)

Molecular Genetics of a Non-Genetic Organism: Regeneration and the Planarian Schmidtea Mediterranea

**Thomas W. Holstein** (Heidelberger Institut für Zoologie)

The Cnidarian Organizer: The Ancient Metazoan Signaling Center?

**Noriyuki Satoh** (Kyoto University) and **Yasunori Sasakura** (Tsukuba University)

*Ciona intestinalis*: An Emerging Model for Developmental Genetics

14:45-15:00      Break

15:00-15:35

**Hideko Urushihara** (Tsukuba University)

Genome and Transcriptome Analyses of the Social Amoebae

15:35-16:10      **Session 3**      **Plants**

**Chair: Kiyotaka Okada and Steve Jacobsen**

**Xing-Wang Deng** (Yale University)

The Light Control of Plant Development: A Role of Proteolysis and COP Protein Complexes

16:10-17:10      **Poster presentation (drinks will be served)**

**November 22 (Thursday)**

9:30-11:15      **Session 3**      **Plants**

**Steve Jacobsen** (University of California, Los Angeles)

Genetics and Genomics of DNA Methylation in Arabidopsis

**Kiyotaka Okada** (National Institute for Basic Biology)

Axis-Dependent Development of Plant Lateral Organs

**Makoto Matsuoka** (Nagoya University)

QTL Controlling Rice Grain Number and QTL Pyramiding for Molecular Breeding

11:15-11:30      Photo

12:50-14:25      **Session 4**      ***Drosophila***

**Chair: Tadashi Uemura and Yasushi Hiromi**

**Howard D. Lipshitz\*** (University of Toronto)

Post-Transcriptional Regulation during Early *Drosophila* Development

**Elizabeth R. Gavis** (Princeton University)

Localized RNAs, Localized Translation, and Developmental Asymmetry

**Michael Bender\*** (University of Georgia)

Hormonal Control of Developmental Progression in *Drosophila*

**Kevin White\*** (University of Chicago)

*Drosophila* Genomics: Systems Level Studies of Development and Disease

14:25-14:45      Break

14:45-15:40

**Michelle Arbeitman\*** (University of Southern California)

The Sex Hierarchy and the Ecdysone Hierarchy Regulate *Drosophila* Male Courtship Behaviors

**Spyros Artavanis-Tsakonas** (Harvard University)

Notch Signalling and the Control of Metazoan Cell Fates

15:40-15:50

**Kenneth C. Burtis** (University of California, Davis)

A Personal Perspective on the Career of David S. Hogness

Talks without asterisks will be 30 min presentation + 5 min discussion, and those with asterisks will be 15 min presentation + 5 min discussion.