List of Poster Presentation

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)
Kyoto University Graduate School of Biostudies, Initiatives for Attractive Education in Graduate Schools (JSPS) "Career Development in Biostudies"

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

Table of Contents

P8 **GENE ORGANIZATION OF THE LIVERWORT Y CHROMOSOME REVEALS DISTINCT SEX CHROMOSOME EVOLUTION IN A HAPLOID SYSTEM**

Katsuyuki T. Yamato, Kimitsune Ishizaki, Masaki Fujisawa, Sachiko Okada, Shigeki Nakayama, Mariko Fujishita, Hiroki Bando, Kohei Yodoya, Kiwako Hayashi, Tomoyuki Bando, Akiko Hasumi, Tomohisa Nishio, Ryoko Sakata, Masayuki Yamamoto, Arata Yamaki, Masataka Kajikawa, Takashi Yamano, Taku Nishide, Seung-Hyuk Choi, Yuu Shimizu-Ueda, Tsutomu Hanajiri, Megumi Sakaida, Kaoru Kono, Mizuki Takenaka, Shohei Yamaoka, Chiaki Kuriyama, Yoshito Kohzu, Hiroyuki Nishida, Axel Brennicke, Tadasu Shin-i, Yuji Kohara, Takayuki Kohchi, Hideya Fukuzawa, and Kanji Ohyama
(Grad. Sch. of Biostudies, Kyoto Univ.)

P9 **GPCR KINASE ENSURES SPATIO-TEMPORAL PATTERN OF CELL MOVEMENTS IN *DROSOPHILA* GASTRULATION**

Naoyuki Fuse and Susumu Hirose
(Dept. of Developmental Genetics, National Institute of Genetics)

P10 **MOLECULAR MECHANISM TO DETERMINE PUPATION TIMING IN *DROSOPHILA MELANOGASTER***

Kazutaka Akagi, Moustafa Sarhan, Masayoshi Takai, Yasuo Agawa, Susumu Hirose and Hitoshi Ueda
(Grad. Sch. of Natural Science and Technology, Okayama Univ.)

P11 **INTRA-AXONAL PATTERNING OF AXON GUIDANCE RECEPTORS IN *DROSOPHILA***

Rajshri Joshi, Takeo Katsuki, Tony De Falco, Masaki Hiramoto and Yasushi Hiromi
(Dept. of Developmental Genetics, National Institute of Genetics)

P12 **THREE TRANSCRIPTION FACTORS PROVIDE "DEVELOPMENTAL CONTEXT" FOR A NOTCH-DEPENDENT GENE REGULATION IN *DROSOPHILA***

Yoshihiro Yuasa and Yasushi Hiromi
(Dept. of Developmental Genetics, National Institute of Genetics)

P13 **SELECTIVE EXPRESSION OF KNOT/COLLIER, A TRANSCRIPTIONAL REGULATOR OF THE EBF/OLF-1 FAMILY, ENDOWS THE *DROSOPHILA* SENSORY SYSTEM WITH NEURONAL CLASS-SPECIFIC ELABORATED DENDRITIC PATTERNS**

Yukako Hattori, Kaoru Sugimura, Daisuke Satoh and Tadashi Uemura
(Grad. Sch. of Biostudies, Kyoto Univ.)

P14 **MITOCHONDRIAL PROTEIN PRELI-LIKE REGULATES DEVELOPMENT AND MAINTENANCE OF DENDRITIC TREES OF DROSOPHILA SENSORY NEURONS**

Asako Tsubouchi, Taiichi Tsuyama, Toshiro Aigaki and Tadashi Uemura
(Grad. Sch. of Biostudies, Kyoto Univ.)

P15 **SELF-ORGANIZING MECHANISM FOR DEVELOPMENT OF SPACE-FILLING NEURONAL DENDRITES**

Kaoru Sugimura, Kohei Shimono, Tadashi Uemura and Atsushi Mochizuki
(Dept. of Science, Kyoto Univ.)