

SEMINARS OF THE INSTITUTE FOR VIRUS RESEARCH

Thirty-four seminars were held at the Institute for Virus Research under auspices of the Institute in 2006. Twenty-five lecture were from abroad and Nine others were from Japan.

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| January 16 | Dr. Murray Stewart, MRC Laboratory of Molecular Biology, Cambridge, U.K. "Structural basis for the nuclear protein import cycle". |
| January 17 | Dr. Mitsutoshi Yoneyama, The Tokyo Metropolitan Institute of Medical Science, Japan. "Virus-induced Signaling for Activation of Antiviral Innate Immunity". |
| February 1 | Dr. Franck POLLEUX, University of North Carolina Neuroscience Center – Department of Pharmacology, U.S.A. "Transcriptional specification of neuronal migration properties and morphology in the developing cortex". |
| February 24 | Dr. Shizue Tani-ichi, Osaka University Graduate School of Medicine, Japan. "Role of lipid rafts in T cell signaling". |
| March 10 | Dr. Ma. Xenia Garcia Ilagan, Department of Molecular Biology and pharmacology Washington University Medical School, U.S.A. "Reporters for real-time monitoring of protein". |
| March 10 | Dr. Nathan Walter Goehring, Department of Microbiology and Molecular Genetics, Harvard Medical School, Boston, U.S.A. "In vivo approaches to dissect assembly of the bacterial cell division machinery". |
| March 22 | Dr. Azel ZINE, University of Montpellier I, France. "Development, Regeneration and Protection of Inner Ear Hair Cells". |
| April 7 | Dr. Makoto Senoo, Dept. of Cell Biology, Harvard Medical School, Boston, USA. "p63 is essential for the proliferative potential in epithelial stem cells". |
| April 20 | Dr. Anne Ephrussi, European Molecular Biology Laboratory, Heidelberg, Germany. "Assembly of an RNP Complex for Intracellular mRNA Transport and Translational Control". |
| May 1 | Dr. Dong-Sung An, Department of Medicine University of California Los Angeles, U.S.A. "Lentiviral vector mediated stable delivery of small interfering RNA against CCR5 in human primary T lymphocytes". |
| May 26 | Dr. Chris A. Kaiser, Massachusetts Institute of Technology, Cambridge, U.S.A. "Pathways for the regulation and formation of disulfide bonds in living cells". |
| June 8 | Dr. Tadahiro Imura, Stowers Institute for Medical Research Kansas City, Missouri, U.S.A. "Regulation of mesodermal fomatation by Hox genes". |
| June 20 | Dr. Wei Yang, LMB, NIDDK, NIH, U.S.A. "Lesion recognition in DNA synthesis and excision repair". |

- June 24 Dr. Julian Lewis, Cancer Research London Research Institute, UK. "Analysis of the zebrafish somite segmentation clock"
- July 4 Dr. Satoru Ishihara, National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health, U.S.A. "From closed structure to open structure: Induction of transcription of IL-2 by structural change of chromatin".
- July 24 Dr. Patrick Daniel Matthias, University of Basel, Switzerland. "Aiolos and OBF-1 control B cell development at multiple stages".
- September 1 Dr. Isaac P. Witz, Department of Cell Research and Immunology Tel Aviv University, Israel. "The Tumor Microenvironment. The involvement of E-Selectin and its Ligands in Tumor-Endothelium Interactions".
- September 19 Dr. Ronald Swanstrom, UNC Center For AIDS Research University of North Carolina at Chapel Hill, U.S.A. "Using HIV Genetic Diversity To Study HIV Biology".
- October 3 Dr. Kouich Nakajima, Department of Immunology, Osaka City University Graduate School of Medicine, Japan. "IL-6 signal transduction from its receptor to transcription factor- Spatio temporal regulation of c-Fos by ERK5 and the E3 ubiquitin ligase UBR1, and its biological role".
- October 3 Dr. Takeaki Dohda, Department of CMB, Karolinska Institute Stockholm, Sweden. "Notch signaling and Sel-10 in tumor development".
- October 5 Dr. JIN Ningyi, Changchun Institute of Genetic Engineering Pharmaceuticals, China. "Emerging infectious virus zoonosis".
- October 16 Dr. Jean-Jacques Muyembe-Tamfum, National Institute of Biomedical Research, Democratic Republic, Congo. "Ebola virus outbreaks in Africa: past and present".
- October 30 Dr. Masato Yonezawa, Research Institute of Molecular Pathology (IMP) The Vienna Biocenter, Austria. "Regulation of chromatin structure and function by novel histone lysine demethylases in *Drosophila* and mammals".
- November 7 Dr. Roberto Sitia, Cell and Molecular Biology Universita' Vita-Salute San Raffaele, Italy. "Plasma Cell Biogenesis and Death: the Making, Functioning and Dismantling of an Efficient Antibody Factory".
- November 8 Dr. Irina Stancheva, The Wellcome Trust Centre for Cell Biology University of Edinburgh, Scotland. "Transcriptional gene silencing by proteins that bind methylated DNA".
- November 22 Dr. Tohru Minamino, Graduate School of Frontier Biosciences, Osaka University Japan. "Function and structure of Salmonella FliI, an ATPase component of the type III flagellar protein export apparatus".
- November 27 Dr. Chi-chung Hui, Program in Developmental and Stem Cell Biology The Hospital for Sick Children, Canada. "Conservation and divergence of the mammalian Hedgehog pathway".

- November 28 Dr. Atsushi Koito, Division of Clinical Retrovirology and Infectious Disease, Center for AIDS Research, Kumamoto University, Japan. “Suppressive effect of rodent APOBEC molecule on HIV replication”.
- December 4 Dr. Tsukasa Seya, Graduate School of Hokkaido University of Medicine, Japan. “Molecular mechanisms of activation of acquired immunity triggered by TLR signaling of dendritic cells”.
- December 7 Dr. Heinrich Gottlinger, UMass Medical School, Worcester, MA, U.S.A. “Host Factors in HIV Budding”.
- December 11 Dr. Florence Tama, Department of Biochemistry and Molecular Biophysics University of Arizona, Tucson, U.S.A. “Multi-Scale Modeling from Multi-Resolution Data: Unveiling Functional Motions of Macromolecular Machines”
- December 15 Dr. Eiji Hara, Tokushima University, Japan. “Molecular mechanism of cell senescence and tumor suppression”
- December 25 Dr. Kazuhiro Iwai, Osaka City University, Japan. “Perspectives from the analysis of iron-dependent degradation of IRP2”
- December 25 Dr. Yoshinori Akiyama, Kyoto University, Japan. “Quality control and functional regulation of membrane proteins by membrane proteases; roles of proteolysis in dynamics of E. coli membrane proteins”.