

International Symposium From Genomics to Chemical Genomics: 10th Anniversary of KEGG



December 15-16, 2005 PALULU Plaza, Kyoto, Japan

Thursday, December 15

- 10:30 – 11:00 Opening
- 11:00 – 12:00 **David Lipman** (NCBI)
Computing Discoveries in Biology
- 13:30 – 14:30 **Janet Thornton** (EBI)
From Proteins and Metabolites to Interactions, Reactions and Pathways
- 14:30 – 15:30 **James Paulson** (Scripps Research Institute)
Functional Glycomics
- 16:00 – 16:40 **Reinhart Heinrich** (Humboldt University Berlin)
Metabolic Networks: Structure, Dynamics and Evolutionary Design
- 16:40 – 17:20 **Richard Cammack** (King's College London)
Biochemical Nomenclature
- 17:20 – 18:00 **Minoru Kanehisa** (Kyoto University)
Towards Reconstruction of the Biological World Through Chemical Genomics

Friday, December 16

- 10:00 – 10:40 **Daisuke Kihara** (Purdue University)
Protein Function Prediction in the Structural Genomics Era
- 10:40 – 11:20 **Tatsuo Omata** (Nagoya University)
A New Hypothesis for the Origin of the Ancestral Plant Cell
- 11:20 – 12:00 **Hiroyuki Ogata** (CNRS Marseille)
Lessons from Genomics of *Rickettsia* and *Tropheryma*
- 13:30 – 14:30 iKeg product demonstration
- 14:30 – 15:10 **Susumu Goto** (Kyoto University)
Probing the *Plasmodium falciparum* Genome
- 15:10 – 15:50 **Takashi Owa** (Eisai Co., Ltd.)
Exploring Druggable Chemical Space Using Transcriptomic and Quantitative Proteomic Analyses
- 15:50 – 16:30 **Gozoh Tsujimoto** (Kyoto University)
Genomic Drug Discovery Based on Genomic Information
- 16:30 – 16:40 Closing



Organized by
Kyoto University 21st Century COE Program "Genome Science"
<http://www.bic.kyoto-u.ac.jp/COE/>



More details in
<http://www.genome.jp/kegg/anniversary/>