

A New Wave of Chemical Genomics

~From Biological Investigation to Drug Discovery~

Sponsored by Kinki University Antiaging Center,
Pharmaceutical Research and Technology Institute &
Ministry of Education, Culture, Sports, Science and Technology of Japan (to R.S.)

Date: 24 September, 2011,

Place: Multi-media room (10F) of the B building, Kinki University E campus

13:00-13:10 **Opening Remark** (Dr. Kakehi)

13:10-14:10 **Keynote Lecture: Dr. James Chen** Chaired by Dr. Tanaka
Department of Chemical and Systems Biology Stanford School of Medicine
**Spatiotemporal resolution of the embryonic transcriptome
using caged molecules**

14:10-14:20 **Tea break**

14:20-15:00 **Dr. Minoru Yoshida** Chaired by Dr. Sugiura
Chemical Genomics Research Group, RIKEN Advanced Science Institute
**Chemical genomics based on fission yeast collections expressing
yeast and human ORFeomes**

15:00-15:30 **Dr. Reiko Sugiura** Chaired by Dr. Yoshida
Laboratory of Molecular Pharmacogenomics, Kinki University
**A powerful genetic strategy to screen for inhibitors of
MAPK signaling and its application to genomic drug discovery**

15:30-15:40 **Tea break**

15:40-16:20 **Dr. Motonari Uesugi** Chaired by Dr. Nakanishi
Institute for Integrated Cell-Material Sciences, and
Institute for Chemical Research, Kyoto University
Small molecule tools for cell biology and cell therapy

16:20-16:25 **Concluding Remark** (Dr. Sugiura)

17:30-19:30 **Reception**