

## **Symposia of the 125<sup>th</sup> Annual Meeting of the Pharmaceutical Society of Japan**

### **S34 Bioinformatics for the Drug Discovery Research**

**S34-1 Development of the quantitative analysing system "Zucchini" for identification of drug target pathway**

Kappei Tsukahara (Laboratory of Seeds Finding Technology, Eisai Co., Ltd.)

**S34-2 The role of bioinformatics in topdown proteomics.**

Katsutoshi Takahashi (Computational Biology Research Center, AIST)

**S34-3 Plasma proteomics for early detection of pancreatic cancer**

Tesshi Yamada (Chemotherapy Division and Cancer Proteomics Project, National Cancer Center Research Institute)

**S34-4 A New Method for Metabolome Analysis and Application to Biosciences.**

Tomoyoshi Soga (Institute for Advanced Biosciences, Keio University, Human Metabolome Technologies Inc.)

**S34-5 Genome-wide association mapping to identify susceptible loci of common diseases for genome-based drug discovery**

Hidetoshi Inoko (Department of Molecular Life Science, Division of Molecular Medical Science and Molecular)

**S34-6 Methods of mass spectrometry and a search system for effective identification of lipid metabolites in lipidomics**

Ryo Taguchi (Department of Metabolome Graduate School of Medicine The University of Tokyo)

**S34-7 -Amyloid Enhances Glutamate Uptake Activity of Astrocytes**

Yuji Ikegaya (Laboratory of Chemical Pharmacology, Graduate School of Pharmaceutical Sciences, The University of Tokyo.)

**S34-8 Rotation mechanism for transmembrane signaling by theatrial natriuretic peptide receptor**

Haruo Ogawa (Department of Biochemistry and Molecular Biology, University of Nevada, Reno)