ERATO SESSION: "Communication between Vascular System and Organ Metabolism"
Sato Live Bio-Forecasting Project (ESATO)

on The Conference on Bioactive Peptides for Cell-Cell Communication 2014 - The 30th Anniversary of ANP (Atrial Natriuretic Peptide) Discovery -

The Conference on Bioactive Peptides for Cell-Cell Communication 2014
- The 30th Anniversary of ANP (Atrial Natriuretic Peptide) Discovery –

DATE : September 10 – 12, 2014   VENUE : Hotel Granvia Kyoto

URL : [http://confbiopepccc.com/](http://confbiopepccc.com/)

ERATO SESSION : "Communication between Vascular System and Organ Metabolism"

DATE & TIME : September 12, 2014   8:40 AM – 12:00 PM

■ Motohide Seya : Introduction of the ERATO
(Director, Department of Research Project, Japan Science and Technology Agency)

■ Thomas N. Sato, Ph.D.
(Director, ERATO Sato Live Bio-Forecasting Project (JST), Advanced Telecommunications Research Institute International)

Title : Mapping the multi-organ communication system by the vascular network system

■ Richard A. Lang, Ph.D.
(Professor, University of Cincinnati, Department of Pediatrics, Cincinnati Children's Hospital Medical Center)

Title : A light response pathway regulates mouse eye development

■ Bernhard Spengler, Ph.D.
(Professor, Institute of Inorganic and Analytical Chemistry, Jestus-Liebig-Universitat Giessen)

Title : High resolution MALDI mass spectrometry imaging for visualization and identification of metabolites in biological tissue

■ Cynthia Reinhart-King, Ph.D.
(Associate Professor, Department of Biomedical Engineering, Cornell University)

Title : Matrix mechanics in vascular structure, growth, and integrity

■ Ikuko Yao, Ph.D.
(Associate Professor, Medical Photonics Research Center, Hamamatsu University School of Medicine)

Title : Mass Spectrometry Application for Tissue Imaging

■ Yuki Sugiura, Ph.D.
(Researcher, PRESTO Japan Science and Technology Agency, Department of Biochemistry and Integrative Biology, Keio University)

Title : In vivo visualization and quantification of myocardial metabolic fluxes of glucose by mass spectrometry

Contact : Sato Project HQ (rtakahashi@atr.jp)