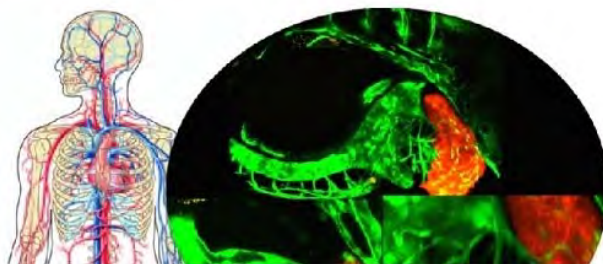


ERATO

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/>

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, Justus-Liebig-Universität 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)