

Imaging Science Caf é for Biology and Medicine

Tuesday, September 29, 2015

18:05 – 19:50 p.m.

Tsukuba International Congress Center

Conference Room 406

Accelerating collaboration in research and education is one of the main purposes of the Campus-in-Campus Initiatives. Advances in the bio-molecular imaging field offers great potentials for CiC partners to leverage their strengths. In this session, University of Tsukuba and National Taiwan University, together with University of Bordeaux and University of California, Irvine, will host ‘Imaging Science Caf é’ to share and showcase the state of the art research and science of each institution in this exciting field for biology and medicine. Join us!

Introduction to Present Activities, chaired by Prof. Hsinyu Lee.

- 18:05 **Remarks from the Ph.D. Program in Human Biology**
Prof. Akira Shibuya, Program Coordinator, University of Tsukuba.
- 18:10 **In vivo Image Analysis Using iRFP Transgenic Mice**
Prof. Satoru Takahashi, Faculty of Medicine, University of Tsukuba.
- 18:25 **In vivo Leukocyte imaging with Multiphoton Fluorescence and Harmonic Generation Microscopy**
Prof. Tzu-Ming Liu, Molecular Imaging Center, National Taiwan University.
- 18:40 **Synthesis System for PET Radiopharmaceutical Dedicated to Boron Neutron Capture Therapy**
Prof. Kentaro Hatano, Faculty of Medicine, University of Tsukuba.
- 18:55 **Translational Research for the Understanding of Early Cognitive Impairment in Patients with Neuro-inflammatory Diseases**
Prof. Vincent Dousset, Vice President, University of Bordeaux.
- 19:10 **Volumetric Echocardiographic Particle Image Velocimetry**
Prof. Arash Kheradvar, Biomedical Engineering and Medicine, University of California,

Discussion for Future Collaborations, chaired by Prof. Tsai-Kun Li.

- 19:25 **The Present and Future of Bioimaging Technology
Towards Collaboration in Clinical Applications
Co-education to Seed the Grounds: GIP-TRIAD as an example**
- 19:50 **Closing Remarks**
Prof. Ryosuke Ohniwa, University of Tsukuba Taiwan Office.