

# Hardware and Software of the Frontier in Vivo Imaging: — Hardware: Microscopy and Software: Fluorescent Probes—

Date: Nov.9th,2011 Wed 10am -5pm

Place: IFRc Research Building 2F Meeting Room1

10-10:20 Brief introduction by Kodama

10:20-11:20 Lecture1

◆Fluorescent Probes opened windows on the Molecular Imaging Technologies by Professor Kazuya Kikuchi

11:20-11:30 short break

11:30-12:20 Lecture 2

◆Advances in optical microscopy: Nonlinearity and high resolution imaging by Dr. Nicholas Isaac Smith

12:20-14:00 Lunch Break

14:00-15:00 Lecture 3

◆Flourescent Protein Revolution Towards in Vivo Imaging by Prof. Kikuchi

15:00-15:30 Lecture 4

◆Laser irradiation as a tool to highlight details in cell imaging by Dr. **Nicholas Isaac Smith**

15:30-16:00 Biophotonics Lab Tour

16:00-17:00 MRI Site Visit