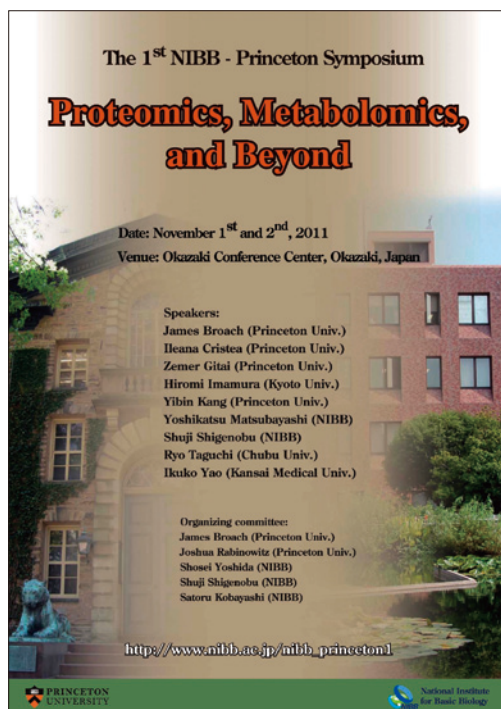


The 1st NIBB - Princeton Symposium Proteomics, Metabolomics, and Beyond

Organizers: James Broach, Joshua Rabinowitz, Shosei Yoshida, Shuji Shigenobu, Satoru Kobayashi
November 1 (Tue) - 2 (Wed), 2011

The 1st NIBB-Princeton Symposium, “Proteomics, Metabolomics, and Beyond” was held on November 1st and 2nd, 2011 at the Okazaki Conference Center. This was the inaugural symposium of the academic exchange program between the National Institutes of Natural Sciences and Princeton University, which aims to increase scientific interaction between these institutions, with NIBB and Princeton’s Department of Molecular Biology playing central roles. This symposium was originally scheduled for July 2011, but was forced to be postponed due to the hardships following the earthquake in March. This symposium gathered researchers performing unique biological investigations taking advantages of “-omics” approaches such as proteomics and metabolomics. Cutting edge research such as the interplay between extracellular nutrient and intracellular metabolism in yeast, the structural basis of metabolic enzyme localization and origin of the cytoskeleton in bacteria, comprehensive analyses of spatial distribution of lipid and protein molecules (i.e., imaging mass-spectrometry), identification of plant hormones with unique protein modifications, and real-time imaging of ATP in living

cells, have made us realize that biology is changing dramatically at this very moment. NIBB’s ongoing research was also introduced by sort talks and poster presentations, which stimulated intensive discussions. The participants came to an understanding of each other’s ideas and interests, which we hope will ignite future communications and scientific interactions. After the symposium, participants from Princeton University and invitees from outside NIBB deepened their communications by touring around the labs and core facilities of NIBB. On behalf of the organizers, we thank all the participants, the staff of the Office of International Cooperation, and the organizers’ lab members, who have worked hard to conduct this symposium successfully. (Shosei Yoshida, Satoru Kobayashi, and Shuji Shigenobu)



Speakers

Broach, James (Princeton Univ.), Cristea, Ileana (Princeton Univ.), Gitai, Zemer (Princeton Univ.), Imamura, Hiromi (Kyoto Univ.), Cui, Songkui (NIBB), Kitadate, Yu (NIBB), Matsubayashi, Yoshikatsu (NIBB), Sato, Masanao (NIBB), Shigenobu, Shuji (NIBB), Taguchi, Ryo (Chubu Univ.), Tanaka, Minoru (NIBB), Yao, Ikuko (Kansai Medical Univ.)