

Okazaki Conference

The 67th Okazaki Conference Molecular Science and Chemical Biology of Biomolecular Function

Organizers: Y. Mizutani (*Osaka Univ.*), S. Aono (*IMS, Okazaki Inst. Integ. Biosci.*), M. Fujii (*Tokyo Tech.*), K. Ishimori (*Hokkaido Univ.*), M. Saito (*Tohoku Univ.*), H. Sekiya (*Kyushu Univ.*), T. Tahara (*RIKEN*)

Invited Overseas Speakers: P. M. Champion (*Northeastern Univ.*), D. P. Giedroc (*Indiana Univ.*), M. T. Green (*Penn State Univ.*), B. H. Huynh (*Emory Univ.*), M. Lim (*Pusan National Univ.*), R. Walker (*Univ. Maryland*), R. Weinkauff (*Heinrich-Heine Univ. Düsseldorf*)

The 67th Okazaki Conference was held on Nov. 10–12, 2007 in Okazaki Conference Center, in which we had about 120 of attendees including 31 invited speakers and 53 poster presenters. The following five sessions were arranged for the invited talks in the conference: (1) Hydrogen bonding network

and proton transfer, (2) Properties and dynamics of soft interface, (3) Protein structure and dynamics: spectroscopy and crystallography, (4) Design of active sites of proteins and model complexes, and (5) Biomolecular function: from molecules to cells.

Molecular science is an interdisciplinary research field between chemistry and physics, and a frontier of which is the research on the elucidation and regulation of molecular system in biological function. Chemical biology is also an interdisciplinary research field between chemistry and biology. Both research fields have the same goal to understand the biological function in molecular level. In this conference, the researchers in the field of molecular science and chemical biology discussed their recent results and exchanged views with one another.

