

"Research Support Program for Combined Research Fields"

(September 15, 2010 at Taniguchi Memorial Hall)

No.	Speakers	Title	Chair
	Opening Remarks by Director Shizuo Akira Evaluation Form Instructions by Takao Kodama		
1	Eiji Umemoto	"Novel regulation of lymphocyte trafficking into lymphoid tissues by autotoxin/lysophosphatidic acid-axis: Real-time imaging analysis by two-photon and nanoscopic methods"	Masaru Ishii & Kazuya Kikuchi
2	Yutaka Komai	"Visualization of T cell dependent autoimmune disease with multiphoton microscopy"	
3	Fumihiko Fujii	"Elucidating the phagocytic responses by using engineered nanomaterials as artificial pathogens"	
	Break		
4	Yutaro Kumagai	"Revealing protein-RNA interactions controlling RNA dynamics and gene expression through structural systems biology"	Kiyoshi Takeda & Diego Miranda-Saavedra
5	Masahiro Yamamoto	"Elucidation of the molecular interaction between a eukaryotic pathogenic parasite and host immunity"	
6	Daron M. Standley	"Protein-protein assemblies involved store-operated entry in immune cells: Modeling the STIM1-Orai1 complex"	
	Break		
7	Masahito Morita	"Visualization of spatial and temporal dynamics of biomarkers related to cancer metastasis and inflammation processes using multimodal non-invasive imaging system combined MRI/MRS with acoustic-optical tomography"	Takao Kodama & Kazuya Kikuchi
8	Tomonobu Watanabe	"Simultaneous observation of virus, cytokine, hepatocyte and immune-cells in hepatitis"	
9	Nicholas Isaac Smith	"Raman imaging of live immune cell responses with nanoparticle field enhancement"	
	Closing remarks		
	Reception		