



Tohoku University Global COE
for conquest of Signal Transduction Diseases with “Network Medicine”

Network Medicine Winter Camp of GCOE

~Challenge to Advanced Research through Interdisciplinary Exchange~

Date: February 4, 2012 (Sat.) 20:00-21:00 Group Discussion
21:00-22:00 Free Discussion

Group No.	No.	presenter	title
A	P-1	Seiji Nakano (Cell Proliferation, Grad. Sch. of Med.)	Geminin deletion in hematopoietic stem cells promotes differentiation of megakaryocytes and platelets
	P-2	Masanobu Morita (Medical Biochemistry, Grad. Sch. of Med.)	When you need a transgenic mouse: Introduction of GCOE transgenic animal platform
	P-3	Tsuyoshi Shirai (Hematology and Rheumatology, Grad. Sch. of Med.)	Identification of novel autoantigens expressed on the endothelial cell surface using retroviral vector system
	P-4	Wataru Obuchi (Membrane Transport and Drug Targeting, Grad. Sch. of Pharm. Sci.)	Quantitative targeted absolute proteomics of membrane proteins in malignant brain tumor for personalized molecular-targeted chemotherapy
	P-5	Na Li (Dermatology, Grad. Sch. of Med.)	Interleukin (IL)-36 γ is induced by CAMP and increased in epidermis of psoriasis
B	P-6	Hideaki Suzuki (Cardiovascular Med., Grad. Sch. of Med.)	From the heart to the brain: Brain activation in response to cardiac electrical stimulation in rats and humans with EEG and fMRI
	P-7	Yohei Kera (Biochemistry, Grad. Sch. of Med.)	Methionine adenosyltransferase (MATII) –dependent writing of histone H3K9 methylation of Cox2 gene
	P-8	Makiko Suzuki (Microbiology and Immunology, Grad. Sch. of Med.)	Roles of NOTCH1 in controlling differentiation of human hematopoietic stem cells
	P-9	Yasuo Uchida (Membrane Transport and Drug Targeting, Grad. Sch. of Pharm. Sci.)	Quantitative targeted absolute proteomics (QTAP) based reconstruction of drug resistance mechanism at blood-brain barrier in epileptic model
	P-10	Masaru Ushijima (Screening for Molecular Target of Cancer, Grad. Sch. of Med.)	Detection of cancer specific variations from exome sequence data
C	P-11	Keiko Taguchi (Medical Biochemistry, Grad. Sch. of Med.)	Crosstalk between Keap1-Nrf2 system and Pten-PI3K-Akt signaling regulates cellular proliferation and differentiation in liver
	P-12	Jie Li (Biochemistry, Grad. Sch. of Med.)	Transcription-independent role of Bach1 in mitosis through a nuclear exporter Crm1-dependent mechanism
	P-13	Ryo Funayama (Cell Proliferation, Grad. Sch. of Med.)	Exome sequencing of patients with autophagic vacuolar myopathies
	P-14	Atsuhiko Ichimura (Molecular Medicine and Therapy, Grad. Sch. of Med.)	Inhibition of the plasminogen activator inhibitor (PAI)-1; a novel target for the anti-inflammatory disease
	P-15	Kentaro Mochizuki (Cell Resource Center for Biomedical Research, IDAC)	Selective epigenetic gene regulation in primordial germ cells.

D	P-16	Norio Suzuki (Medical Biochemistry, Grad. Sch. of Med.)	Rearrangement of nucleosome organization in hypoxia-responsive gene promoters
	P-17	Masaki Hosogane (Cell Proliferation, Grad. Sch. of Med.)	Change of trimethylation of H3K27 occurs after Ras-mediated transcriptional regulation
	P-18	Miki Watanabe-Matsui (Biochemistry, Grad. Sch. of Med.)	The structure and the function of heme-regulated transcriptional repressor Bach2
	P-19	Kunihiko Moriya (Microbiology and Immunology, Grad. Sch. of Med.)	Development of a two hit model of MLL fusion oncogene-related leukemia using humanized mice
	P-20	Kohji Kitaguchi (Experimental Immunology, IDAC)	Regulation of class switch recombination by immune-inhibitory receptors on B cells
E	P-21	Eri Kobayashi (Medical Biochemistry, Grad. Sch. of Med.)	Roles of GATA1/Rb interaction in control of megakaryocyte proliferation
	P-22	Shinji Nakajima (Hematology and Rheumatology, Grad. Sch. of Med.)	Identification of signals for formation of tumor niche in B cell malignancies
	P-23	Kanae Kitatani (Biomolecular Sciences, Grad. Sch. of Life Sci.)	Identification of Rho-GEFs involved in ECM stiffness-induced transformation of mammary epithelial cells
	P-24	Wayo Matsushima (Cell Proliferation, Sch. of Med.)	Comprehensive analysis of alternative splicing by next-generation sequencer
	P-25	Ichiko Nishijima (Environment and Genome Research Center, Grad. Sch. of Med.)	The role of small Maf transcriptional factors against neurodegeneration