



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

The 1st International Symposium ~ Challenge to Medical Innovation ~

Date: Dec.7th (Mon.),2009 15:15-16:20
Dec.8th (Tue.),2009 14:00-15:00

No.	presenter	title
P-1	Masahiro Usui	The role of ATF6 α in insulin secretion and insulin resistance
P-2	Ryu Tominaga	The JNK pathway modulates expression and phosphorylation of the translational suppressor 4E-BP1 in MIN6 pancreatic β cells under oxidative stress conditions
P-3	Fumiki Katsuoka	Pivotal roles of small Maf proteins in the regulation of stress response genes
P-4	Mariko Takayama	NF-E2 p45 N-terminal region is essential for transactivation mediating thrombogenesis
P-5	Hisayoshi Daito	Development of a Mouse Model for Hot Tub Lung
P-6	Miki Watanabe-Matsui	Heme is involved in immune response of B-cells
P-7	Hiromu Tanaka	HDAC3 and TBL1X repress Blimp-1 gene expression in B cells through the deacetylation of histone H3 K9
P-8	Saori Kagatani	Oxidation of cell surface thiol groups by contact sensitizers triggers the maturation of dendritic cells
P-9	Shuko Okada	Bach1-dependent and -independent regulation of heme oxygenase-1 in keratinocytes
P-10	Takashi Nakamichi	Pyridoxamine ameliorates glomerular injury in rat experimental chronic glomerulonephritis
P-11	Tomokazu Souma	Luminal alkalization attenuates superoxide production induced by fatty acid-bound albumin in renal proximal tubular cells through Pyk2-dependent pathways
P-12	Chunyan Hu	Blockade of T-type calcium channel with R(-) efonidipine ameliorates the renal ischemia induced by angiotensin II in Sprague-Dawley rats
P-13	Shimpei Maeda	Discovery proteomics using formalin-fixed paraffin-embedded tissues of cholangiocarcinoma
P-14	Makoto Nakano	Important role of erythropoietin receptor to promote VEGF expression and angiogenesis in peripheral ischemia in mice
P-15	Junko Ohashi	Molecular mechanisms for the different functions of endothelial nitric oxide synthases system in mice
P-16	Maki Hosoya	Combination therapy with an angiotensin receptor blocker and a calcium channel blocker improves EDHF-mediated responses in diabetic Apolipoprotein E-deficient mice.
P-17	Atsuko Asao	OX40-mediated susceptibility to Leishmania infection is dependent on IL-13
P-18	Miki Kikuchi	Isolation and characterization of the multipotent neural crest-derived cells in the adult mouse iris stroma
P-19	Seiji Nakano	Defect of T-cell differentiation and proliferation in Geminin gene-deleted mouse
P-20	Satoru Aoyama	Ubiquitin ligase SCFFbxw7 regulates differentiation of B lymphocytes through Notch protein degradation.
P-21	Yasumasa Kuroda	Notch signaling in MSC during differentiation into neuronal and skeletal muscle cells

P-22	Thomas Duncan	Functional Manipulation of Molecular Assembly in Light Transmissive Aligned Collagen Hydrogels applicable for use as corneal stromal equivalents
P-23	Yumi Tajima	Angiotensin II receptor expression on human lymphocytes in autoimmune diseases
P-24	Yuji Tanaka	Light Transmissive Aligned Collagen Hydrogels with Anisotropic Birefringence and Mechanics applicable for use as corneal stromal equivalents
P-25	Xiaoni Yue	Steroid and Xenobiotic Receptor (SXR) as a Possible Prognostic Marker in Epithelial Ovarian Cancer
P-26	Tze Fang Wong	Keap1 and Nrf2 genetic alterations in endometrioid endometrial carcinoma: The role of antioxidant response genes
P-27	Toshinobu Suzuki	Interleukin-6 enhances glucose-stimulated insulin secretion from pancreatic β -Cells through the PLC-dependent pathway
P-28	Tokuo Saito	Importance of the endothelium in vascular remodeling and aortic aneurysm formation through NF- κ B pathway
P-29	Tomo Funaki	SMAP2, one of the ArfGAP, is localized at the trans-Golgi-network
P-30	Yoshifumi Takahashi	Vasohibin-2 expressed in tumors accelerates tumor growth by promoting angiogenesis
P-31	Kohji Kitaguchi	A molecular mechanism for suppression of TLR9 signal by PIR-B, an inhibitory immunoreceptor for MHC class I
P-32	Michiyo Imada	Ectopically expressed PIR-B on T cells constitutively binds to MHC class I and attenuates T helper type 1 responses
P-33	Yuki Katsukura	Protein expression profile of membrane transporters in the capillaries of normal human brain by LC-MS/MS based quantification
P-34	Yasuo Uchida	Alteration of transporter protein expressions and in vitro-to-in vivo re-construction of P-glycoprotein function at the blood-brain barrier in mouse model of epilepsy and phenytoin therapy
P-35	Ken Ohmine	Targeted proteomic analysis to clarify transporters and enzymes involved in gemcitabine sensitivity in pancreatic cancers
P-36	Katsuaki Ito	Developmental expression profile of membrane protein amounts in cynomolgus monkey blood brain barrier based on target absolute proteomics
P-37	Hiroataka Kawakami	Development of highly sensitive and simultaneous protein quantification by LC-MS/MS: Protein expression profile of human liver transporter
P-38	Takuji Tsuji	Identification of Rho-GEFs that mediate RhoA activation and neurite retraction in the Wnt-PCP pathway
P-39	Kanae Kitatani	Critical roles of cofilin/ADF, Slingshot and LIM-kinase in invadopodium formation and invasion of tumor cells