

DAY1 Monday, August 3			
Time	Chairperson		Title
9:30   9:45	Hideyuki Okano	Opening	Introduction and overall workshop objective Hideyuki Okano(Keio University)
			Opening address Olle Lindvall(Lund University)
			Introduction of Evaluation Committee members and guest speakers Hideyuki Okano(Keio University)
9:45   10:40		Lecture1	The advantages of hair follicle pluripotent stem (hfPS) cells over ES and iPS for regenerative medicine Robert M. Hoffman(AntiCancer,Inc. / University of California San Diego)
10:40   10:45	BREAK		
10:45   11:00	Yutaka Kawakami	Presentation 1 by GCOE RA	Role of internalin B, in the gastrointestinal infection with <i>Listeria monocytogenes</i> Sayuri Chiba(Keio University)
11:00   11:15		Presentation 2 by GCOE RA	The Survival mechanism of early neural stem/progenitor cells Seiji Ishii(Keio University)
11:15   11:30		Presentation 3 by GCOE RA	Induction, but not retention and extinction, requires intact parallel fiber - Purkinje cell synapses in cerebellar motor learning Kyoichi Emi(Keio University)
11:30   11:45		Presentation 4 by GCOE RA	Purified mesenchymal stem cells: An efficient cell source for the iPS cells induction Kunimichi Niibe(Keio University)
11:45   12:00		Presentation 5 by GCOE RA	Construction of human monoclonal single-chain Fv antibodies against small-cell lung cancer by phage display libraries derived from cell-immunized SCID mice engrafted with human peripheral blood lymphocytes Junya Douguchi(Keio University)
12:00   12:15		Presentation 6 by Lund Univ. PhD.	Functional defect of Hematopoietic Stem Cells with Abrogated hypoxia induced expression of vascular endothelial growth factor Matilda Rehn(Lund University)
12:15   13:15	LUNCH		
13:15   14:10	Hideyuki Okano	Lecture2	Neurodegenerative disease and endogenous stem cells Olle Lindvall(Lund University)
14:10   14:15	Toshio Suda	Introduction	Introduction of KANRINMARU Project Toshio Suda(Keio University)
14:15   14:30		Presentation 7 by KANRINMARU Lecturer	Translational research for the development of CNS remyelination medicine Jin Nakahara(Keio University)
14:30   14:45		Presentation 8 by KANRINMARU Lecturer	How do neurons die or proliferate after cell cycle re-entering? "The role of epigenetic modifier during retinal development" Itsuki Ajioka(Keio University)
14:45   15:00		Presentation 9 by KANRINMARU Lecturer	The analysis of human pluripotent stem cell-derived neural stem/progenitor cells. Yohei Okada(Keio University)
15:00   15:20	BREAK		
15:20   15:35	Michisuke Yuzaki	Presentation 10 by Lund Univ. PhD.	A novel strategy to avoid tumor formation following ESC transplantation Rohit Sachdeva(Lund University)
15:35   16:30		Lecture3	Molecular mechanisms of dendritic spine plasticity and pathology Peter Penzes(Northwestern University)
16:30   17:10	Hideyuki Okano	Lecture4	Migration and specification of neural crest cells are controlled by chemokine and BMP signals during the formation of sympathetic ganglia and adrenal gland Yoshiko Takahashi(Nara Institute of Science and Technology))
17:10   17:40	Hideyuki Saya	POSTER SESSION(Entrance Hall, Center for Integrated Medical Research)	
17:50   19:20		RECEPTION(Lounge,Center for Integrated Medical Research)	

DAY2 Tuesday, August 4			
begin	Chairperson		Title
9:30   9:35	Hideyuki Okano	Opening	Introduction of Evaluation Committee members Introduction of Best poster/oral presentation Award Hideyuki Okano(Keio University)
9:35   10:30		Lecture 5	More than a decade after her birth, what has Dolly done for biomedical research? Alan Colman(King's College / A*STAR Institute of Medical Biology)
10:30   10:45	Koichi Matsuo	Presentation 11 by GCOE RA	Identification of a novel gene encoding a high mobility group box protein and its specific expression and essential role during preimplantation development Mitsutoshi Yamada(Keio University)
10:45   11:00		Presentation 12 by GCOE RA	Investigating the roles of purinergic signaling in adult neurogenesis Satoshi Suyama(Keio University)
11:00   11:45		Lecture 6	RNA silencing: small RNAs as regulators of gene expression Haruhiko Siomi(Keio University)
11:45   12:00		Presentation 13 by GCOE RA	Hematopoietic analysis on cell cycle regulator cdh1 Jo Ishizawa(Keio University)
12:00   12:15		Presentation 14 by GCOE RA	Cell-cell communication through ephrinA2-EphA2 interaction regulates bone homeostasis Naoko Irie(Keio University)
12:15   13:15	LUNCH		
13:15   14:00	Hideyuki Saya	Lecture 7	Evaluation of tumorigenicity of iPS cells-derived neural progenitor cells and cell therapy for injured spinal cord Hideyuki Okano(Keio University)
14:00   14:15		Presentation 15 by GCOE RA	Construction of the targeting vector for anti-desmoglein 3 immunoglobulin knock-in mouse Naoko Wada(Keio University)
14:15   14:30		Presentation 16 by GCOE RA	Expression of Endothelial Protein C Receptor Defines Hematopoietic Stem Cell in Murine Fetal Liver Hiroko Iwasaki(Keio University)
14:30   14:55	BREAK(Polls Close)		
14:55   15:10	Keiichi Fukuda	Presentation 17 by KANRINMARU Lecturer	Granulocyte colony-stimulating factor regulates skeletal muscle development and regeneration through myoblast specific expressed G-CSF receptor Shinsuke Yuasa(Keio University)
15:10   15:25		Presentation 18 by KANRINMARU Lecturer	A novel regulator of basal autophagy in mammalian cells Giichi Takaesu(Keio University)
15:25   15:40		Presentation 19 by KANRINMARU Lecturer	M-CSF inhibition selectively targets pathological angiogenesis and lymphangiogenesis Yoshiaki Kubota(Keio University)
15:40   16:05		Presentation 20 by KANRINMARU Associate Professor	Versican regulates ventricular development and outflow tract formation in Medaka heart Shinji Makino(Keio University)
16:05   16:55	Masato Yasui	Lecture8	Homeostatic regulation of AMPA receptor trafficking at single synapses Hengye Man(Boston University)
16:55   17:35	Hideyuki Okano	Lecture9	Transcriptional control of normal and malignant hematopoiesis Hideaki Nakajima(Keio University)
17:35   18:00		Closing	Award ceremony Comments from Evaluation Committee Closing remarks Hideyuki Okano(Keio University)

**DAY3-5    Wednesday, August 5 - Friday, 7**

<b>All day</b>	<b>Lab. Visit</b>	<b>Matilda Rehn</b>	<b>Dr.Suda's lab.</b>
		<b>Rohit Sachdeva</b>	<b>Dr.Okano's lab.</b>

## Poseter Session : Entrance Hall, Center for Integrated Medical Research

Poster No.	Presenter	Title
1	Yuka Nakamura	Identification and characterization of osteoblastic niche cells that regulate hematopoietic stem cells
2	Kathryn Effendi	Functional Analysis of HCC Biomarker-CAP2 Using Zebrafish and HCC Cell Lines
3	Kei Haga	Involvement of apoptotic cell death in progerin-induced biological consequence in human normal fibroblasts
4	Takuro Kojima	Regenerated young neurons migrate along the blood vessel scaffold in the striatum after ischemic injury
5	Masahiro Omoto	The use of human mesenchymal stem cell-derived feeder cells for the cultivation of transplantable epithelial sheets
6	Takehiko Takagi	Diffusion tensor tractography of peripheral nerve after contusive injury
7	Akihiro Hakozaiki	TNF $\alpha$ converting enzyme regulates proteolytic cleavage of receptor activator of NF $\kappa$ -B
8	Pengfei Gao	Maternal stress resulted in pup growth retardation as pituitary malfunction decreased Pit1mRNA and Pitx2 mRNA expression
9	Hiroshi Kawasaki	Filaggrin Knockout Mice as a Tool for Understanding the Pathogenesis of Atopic Dermatitis
10	Shunsuke Kubota	Resveratrol Suppresses Ocular Inflammation in Endotoxin-Induced Uveitis
11	Satoshi Kawase	Analysis of transcriptional regulation of musashi1 gene in neural stem cells
12	Takeo Kosaka	Analysis of Reprogramming Process
13	Ai Ikejiri	The role of hypoxia-inducible factor 1 alpha in intestinal intraepithelial lymphocytes
14	Naoshi Kawamura	STK24 is a signaling molecule for cancer induced immuno suppression through IL-10 and TGF- $\beta$ production
15	Yoshiko Matsumoto	Strategic Drug Library Screening towards Ex Vivo Expansion of Hematopoietic Stem Cells
16	Jun-ichi Furusawa	The mechanism of cytokine productions in the natural helper cell, a novel lymphocyte exists in mesentery.
17	Hirotsugu Ishizu	A possible link between RNA silencing and the regulation of heat shock gene expression
18	Kohji Yamada	CD26, a cell surface ectopeptidase, translocates to the nucleus.
19	Miyazaki Junichiro	Role of PARG1 in cell proliferation and invasion of renal cell carcinoma and its clinicopathological characteristics
20	Rohit Sachdeva	A novel strategy to avoid tumor formation following ESC transplantation
21	Matilda Rehn	Functional defect of hematopoietic stem cells with abrogated hypoxia induced expression of vascular endothelial growth factor

	Presentation by Lund Univ. PhD.
	Presentation by GCOE RA