DAY1　Monday, June 11

	Chairperson		Title
13:00 | 13:10		Opening	Introduction **Hideyuki Okano, Ph.D.** **Global COE Program Leader,** Professor and Chairman, Department of Physioligy
13:10 | 14:00	Hideyuki Okano	Lecture1	Neural Stem Cell lineages through the Ages: Improving the possibility of CNS repair **Sally Temple, Ph.D.** Scientific Director,　Neural Stem Cell Institute
14:00 | 14:05		BREAK	
14:05 | 14:35		Lecture2	Function of the Dbx1 transcription factor and Cajal-Retzius neurons in mammalian brain development and evolution **Yoko ARAI, Ph.D.** Post-doc, Genetics and Development of the Cerebral Cortex, INSTITUT JACQUES-MONOD, CNRS UMR 7592, Université Paris Diderot, France
14:35 | 14:40		BREAK	
14:40 | 15:30		Lecture3	Understanding the biological properties of human neural stem cells to bring regenerative medicine to the clinic **Nobuko Uchida Ph.D.** Vice President, Stem Cell Biology, StemCells Inc.
15:30 | 15:45		BREAK	
15:45 | 16:15	Hideo Ema	Presentation 1	An Epigenetic Component of Hematopoietic Stem Cell Aging Amenable to Reprogramming Into a Young State **David Bryder, Ph.D.** Associate Professor, Institution for Experimental Medical Research Section for Immunology, Medical Faculty, Lund University
16:15 | 16:45		Presentation 2	Regulation of Glycolysis by Pdk Functions as a Metabolic Checkpoint in Hematopoietic Stem Cells **Keiyo Takubo, Ph.D.** Assistant Professor, Department of Cell Differentiation, The Sakaguchi Laboratory of Developmental Biology, Keio University School of Medicine
16:45 | 17:15		Presentation 3	Predicting the transgene-induced differentiation of embryonic stem cells by microarray analysis **Yuhki Nakatake, Ph.D** Tenure track assistant professor, Department of Systems Medicine, Mitsunada Sakaguchi Laboratory, Keio University School of Medicine
17:15	Toshio Suda	Closing	**Day1　Closing**

DAY2　Tuesday, June 12

	Chairperson		Title
		Opening remarks	**Toshio Suda, Ph.D.** GCOE member, Keio-KANRINMARU Project coordinator, Professor, Department of cell differentiation, The Sakaguchi Laboratory of Developmental Biology
	Hideo Ema	**Collaboration workshop by Lund University & Keio University** Presentation 10min. ＋ Q&A 5min.	
10:00 | 10:15		**Presentation 4**	**Prostaglandin E2 regulates hematopoietic stem/progenitor cells directly through EP4 receptor and indirectly by mesenchymal progenitor cells** **Yoshiko Matsumoto** **PhD. Student, GCOE RA, Department of cell differentiation, The Sakaguchi Laboratory of Developmental Biology**
10:15 | 10:30		**Presentation 5**	**Gene targets of TGFβ signaling in hematopoietic stem/progenitor cells** **Matilda Nifelt Hägerström** **PhD student, Stefan Karlsson research group,** **Section for Molecular Medicine and Gene Therapy, Lund Stem Cell Center, Lund University**
10:30 | 10:45		**Presentation 6**	**Aspp1 (Apoptosis-stimulating protein of p53, 1) induces hematopoietic stem cell cycling and apoptosis in response to cellular stress.** **Masayuki Yamashita** **PhD. Student, GCOE RA, Department of cell differentiation, The Sakaguchi Laboratory of Developmental Biology**
10:45 | 11:00		**Presentation 7**	**Enforced expression of c-Ski results in a repopulative advantage and myeloid skewing of hematopoiesis independent of TGF-beta signaling inhibition** **Sofie Singbrant Söderberg** **Postdoctoral research fello,** **Department of Molecular Medicine and Gene Therapy, Lund University Sweden. Supervisor: Dr. Johan Flygare**
11:00 | 11:15		**Presentation 8**	**CD25+leukemia-initiating cells create their niche in chronic myeloid leukemia** **Chiharu I Kobayashi** **PhD. Student, Department of cell differentiation, The Sakaguchi Laboratory of Developmental Biology**
11:15 | 11:30		**Presentation 9**	**Pharmacological inhibition of the NFκB pathway enhances ex vivo culture of human hematopoieic stem cells** **Mehrnaz Safaee Talkhoncheh** **PhD Student,** **Lund Stem Cell Center, Lund University, Lund, Sweden**
11:30 | 11:45		**Presentation 10**	**Extracellular matrix protein Tenascin-C is required in the bone marrowmicroenvironment primed for hematopoietic regeneration** **Ayako Nakamura-Ishizu** **Post-doctorate researcher, Department of cell differentiation, The Sakaguchi Laboratory of Developmental Biology**
11:45 | 12:00		**Presentation 11**	**Characterization of hematopoietic lineage potential of iPS cells derived from two mesoderm cell lineages: implications for cell therapeutics** **Roksana Moraghebi** **PhD Student,** **Lund Strategic Center for Stem Cell Biology and Cell Therapy, Lund University**
		Lunch BREAK	
13:00 | 13:50	Toshio Suda	**Lecture4**	**Distinguished Roles of Non-canonical and Canonical Wnt Signaling in Maintaining and Regulating Hematopoietic Stem Cells** **Linheng Li, Ph.D.** **Investigator, Stowers Institute for Medical Research,** **Affiliate Professor, Dept of Pathology, University of Kansas Medical Center**
		BREAK	
13:55 | 14:45		**Lecture5**	**Targeting both Active and Quiescent Cancer Stem Cells (TAQCSC) Resulted in Efficient Control of Adenoma in Mice and Colon Cancer in Human** **Xi (CiCi) He, M.D.** **Research Scientist and Lab. Manager in Stem Cell Lab** **Stowers Institute for Medical Research**
14:45		**Closing remarks**	**Professor, Toshio Suda**