

Program - 14th & 15th

Sunday 14th November 2010		Location
16:00-19:00	Registration	Entrance Hall
	Get Together	Rm 1/2
Monday 15th November 2010		Location
08:45-09:00	Opening Remarks Makoto Asashima (Univ. of Tokyo, Japan)	Noh Theater
Session 1 Cell adhesion and cell behavior		Noh Theater
09:00-09:30	<i>Chair: Thomas Lecuit</i> O1 Darren Gilmour (EMBL, Germany) Crowd control: modulating cell motility within migrating collectives	
09:30-10:00	O2 Angela Nieto (Inst. de Neurociencias CSIC-UMH, Spain) The antagonism between Sox3 and Snail control cell movements to define the ectodermal/mesendodermal boundary in vertebrates	
10:00-10:30	O3 Yoshiko Takahashi (Nara Inst. of Science and Technology, Japan) Secondary neurulation: Another type of neurulation by mesenchymal-to-epithelial transition	
10:30-11:00	*abcam Coffee Break *	Lobby
11:00-11:30	<i>Chair: Yoshiko Takahashi</i> O4 Masatoshi Takeichi (RIKEN Center for Developmental Biology, Japan) Remodeling of cell-cell contacts through the interactions of cadherin and cytoskeleton	
11:30-12:00	O5 Thomas Lecuit (IBDML, France) The subcellular mechanics of tissue morphogenesis	
12:00-13:00	* Lunch Break *	Recptn Hall, Rm 1/2
Poster Viewing I		Rm 3
13:00-15:00	Odd numbers	Gallery Recptn Hall
Session 2 Growth factor signaling in cell differentiation and development		Noh Theater
15:00-15:30	<i>Chair: Tetsuya Taga</i> O6 Philip W. Ingham (A*STAR Inst. of Molecular and Cell Biology, Singapore) Cell fate specification in the zebrafish myotome: a paradigm for cross-talk between the Hedgehog and BMP signalling pathways	
15:30-16:00	O7 Christof Niehrs (DKFZ-ZMBH, Germany) Regulation of Wnt/Lrp6 signalling	
16:00-16:30	O8 Azad Bonni (Harvard Medical School, USA) Regulation of Neuronal Connectivity in the Brain by Ubiquitin Signaling	
16:30-16:50	*abcam Coffee Break *	Lobby
16:50-17:20	<i>Chair: Hugh R. Woodland</i> O9 Tetsuya Taga (Tokyo Medical and Dental Univ., Japan) Cross-talk between growth and differentiation pathways in cell fate determination in the developing brain	
17:20-17:50	O10 Kiyokazu Agata (Kyoto Univ., Japan) How is differentiation of pluripotent stem cells regulated during planarian regeneration?	
Anne McLaren Memorial Lecture		Noh Theater
18:00-19:00	<i>Chair: Naoto Ueno</i> Mikiko C. Siomi (Keio Univ. School of Medicine, Japan) Small RNA-mediated gene silencing pathways in <i>Drosophila</i>	

16th

Tuesday 16th November 2010		Location
Session 3 Epigenetics		Noh Theater
09:00-09:30	<i>Chair: Stephen Cohen</i> O11 Geneviève Almouzni (Inst. Curie, France) Variation on the theme of chromatin assembly	
09:30-10:00	O12 Haruhiko Koseki (RIKEN Research Center for Allergy and Immunology, Japan) Polycomb-dependent regulation for differentiation programs of stem cells and progenitors <i>Chair: Haruhiko Koseki</i>	
10:00-10:30	O13 Hiroyuki Sasaki (Medical Inst. of Bioregulation, Kyushu Univ., Japan) Genomic imprinting and small RNAs in mammalian germ cells	
10:30-11:00	O14 Stephen Cohen (Inst. of Molecular and Cell Biology, Singapore) MicroRNA functions: Insights from Drosophila Genetics	
11:00-11:30	*abcam Coffee Break *	Lobby
Session 4 Stem cells (Basic)		Noh Theater
11:30-12:00	<i>Chair: Fiona M. Watt</i> O15 Patrick P. L. Tam (Univ. of Sydney, Australia) <i>Rhou</i> function and the differentiation of endoderm progenitors	
12:00-12:30	O16 Derek van der Kooy (Univ. of Toronto, Canada) Pancreatic Stem Cells	
12:30-13:30	* Lunch Break *	Recptn Hall, Rm 1/2
13:30-14:00	<i>Chair: Colin Stewart</i> O17 Martin F. Pera (Univ. of Southern California, USA) A novel marker for endodermal progenitor cells in tissue repair and transformation	
14:00-14:30	O18 Fiona M. Watt (Cambridge Univ., UK) Stem cells in adult mammalian epidermis	
14:30-15:00	O19 Shosei Yoshida (National Inst. for Basic Biology, Japan) Stem Cell Functionality in the Mouse Spermatogenesis	
15:00-15:30	O20 Miranda Grounds (Univ. of Western Australia, Australia) The Role of Muscle Stem Cells and Denervation in Sarcopenia	
15:30-16:00	*abcam Coffee Break *	Lobby
Jean Brachet Memorial Lecture		Noh Theater
16:00-17:00	<i>Chair: Yoshiko Takahashi</i> Marianne Bronner-Fraser (California Inst. of Technology, USA) Formation of the neural crest from a gene regulatory perspective	
17:30-18:00	Attraction "Gagaku" Japanese ancient court music	Noh Theater
Poster Viewing II		Rm 3
18:00-20:00	Even numbers	Gallery Recptn Hall

Program - 17th

Wednesday 17th November 2010		Location
Session 5 Stem cells in cancer and regeneration		Noh Theater
09:00-09:30	<i>Chair: Hideyuki Okano</i> O21 Tannishtha Reya (Duke Univ. Medical Center, USA) Developmental Mechanisms in Stem Cells and Cancer	
09:30-10:00	O22 Christine Mummery (Leiden Univ. Medical Centre, The Netherlands) Cardiovascular derivatives of embryonic stem cells in cardiac repair and drug discovery	
10:00-10:30	O23 Nadia Rosenthal (EMBL-Monterotondo, Italy; Imperial College London, UK; Monash Univ., Australia) Enhancing mammalian regeneration	
10:30-11:00	* abcam Coffee Break *	Lobby
11:00-11:30	<i>Chair: Nadia Rosenthal</i> O24 Yann Barrandon (Centre Hospitalier Univ. Vaudois, Switzerland) Role of the microenvironment on epithelial stem cell fate	
11:30-12:00	O25 Hideyuki Okano (Keio Univ. School of Medicine, Japan) iPS based cell therapy for the damaged CNS	
12:00-13:00	* Lunch Break *	Recptn Hall, Rm 1/2
Students' Session		Noh Theater
13:00-13:15	<i>Chair: John Coleman</i> P02 Taiji Yasue (Nara Inst. of Science and Technology, Japan) Migration of human fibrosarcoma cells toward the blood vessel when transplanted into chicken embryo	
13:15-13:30	P07 Ryo Hatori (Tokyo Univ. of Science, Japan) Functions of a helix-loop-helix transcription factor, Extramacrochaetae, in development of left-right asymmetry in the <i>Drosophila</i> embryonic hindgut	
13:30-13:45	P27 Renata Prunskaitė-Hyyryläinen (Univ. of Oulu and Biocenter Oulu, Finland) WNT-4 signalling regulates development of the ovarian follicle and is essential for integrity of the adult kidney	
13:45-14:00	P28 Elizabeth Thomas (The Univ. of Western Australia, Australia) Primary mammary epithelial cells from the lactating epithelium have distinct growth and differentiation capacity	
14:00-14:15	P31 Shinya Matsuda (Inst. of Biotechnology, Univ. of Helsinki, Finland) Directional transport of Dpp/BMP draws diversified wing vein patterns in insects	
14:15-14:30	P85 Alessandro Amici (Ecole Polytechnique Fédérale de Lausanne, Switzerland) The role of LEKTI in fate determination of keratinocyte stem cells	
14:30-15:00	*abcam Coffee Break *	Lobby
Session 6 Organogenesis		Noh Theater
15:00-15:30	<i>Chair: Ryuichi Nishinakamura</i> O26 Jon Clarke (King's College London, UK) Role of cell division during neural tube formation in the zebrafish	
15:30-16:00	O27 Claudio D. Stern (Univ. College London, UK) Somite formation without a clock	
16:00-16:30	O28 Frank Costantini (Columbia Univ. Medical Center, USA) Control of branching morphogenesis during kidney development	
16:30-16:50	*Break *	Lobby
16:50-17:20	<i>Chair: Eero Lehtonen</i> O29 Ryuichi Nishinakamura (IMEG, Kumamoto Univ., Japan) Nephron progenitors in the embryonic kidney	
17:20-17:50	O30 Didier Stainier (UCSF Biochemistry, USA) Hepatopancreatic development and function in zebrafish	
17:50-18:30	ISD Business Meeting	Noh Theater
19:30-21:00	Banquet at the Hotel Nikko Nara	Hotel Nikko Nara 4F "Hiten"

18th

Thursday 18th November 2010		Location
Session 7 Growth factor signaling in cancer		Noh Theater
09:00-09:30	<i>Chair: Michael M. Shen</i> O31 Randy L. Johnson (Univ. of Texas, USA) Genetic analysis of Hippo signaling in mammalian organ size regulation and tumorigenesis.	
09:30-10:00	O32 Akira Kikuchi (Osaka Univ., Japan) Wnt5a: Its Signaling, Cellular Functions, and Diseases	
10:00-10:30	O33 Alan O. Perantoni (National Cancer Inst., Frederick, USA) STAT signaling in renal progenitor differentiation and tumorigenesis.	
10:30-11:00	*abcam Coffee Break *	Lobby
11:00-11:30	<i>Chair: Gerald R. Cunha</i> O34 Kohei Miyazono (Univ. of Tokyo, Japan) TGF β - signaling maintains tumorigenicity of glioma-initiating cells through the Sox4-Sox2 axis	
11:30-12:00	O35 Michael M. Shen (Columbia Univ. Medical Center, USA) Stem cells and the origin of prostate cancer	
12:00-12:15	Closing Remarks Naoto Ueno (President of ISD, National Inst. for Basic Biology, Japan)	
12:15	Departure	