

Session 1 (Oct 24, AM) (Chair: Jonathon Pines)		
9:00	Paul Russell	Traffic Control at Double-Strand Breaks: Functional Relationships of MRN-Ctp1 and Ku Complexes
9:30	Yoshie Harada	Fluorescent nanodiamonds for cell function analysis
10:00	Peter McHugh	Regulation of DNA crosslink repair in the mammalian cell cycle
Coffee Break		
10:50	Simon Chan	Genome elimination induced by parental centromere differences
11:20	Stephen Kearsy	How coupling proteolysis to DNA synthesis helps maintain genome stability
11:50	Peter Carlton	Single-cell epigenome profiling with super-resolution microscopy
12:05	Takehiko Kobayashi	Maintenance of the ribosomal RNA gene repeat and its role in cellular senescence

Session 2 (Oct 24, PM) (Chair: Fuyuhiko Tamanoi)		
14:00	Atsushi Hirao	Roles of PI3K-AKT signaling in the maintenance of stem cell properties in normal hematopoiesis and leukemia
14:30	Keiko Nakayama	Cdt1 inhibitor, Geminin negatively regulates thrombopoiesis
15:00	Li-Lin Du	Global profiling of fission yeast mating genes reveals new autophagy factors
15:30	Paul Young	Ssp1 kinase in growth and stress response
Coffee Break		
16:30	Shigeaki Kato	Histone glycosylation is a histone code
17:00	Hiroki Ueda	System-level Understanding of Biological Timings
17:30	Joseph Takahashi	Clock Genes, Clock Cells and Clock Circuits in the Mammalian Circadian System

Session 3 (Oct 25, AM) (Chair: Jürg Bähler)		
9:00	Jonathon Pines	How the Spindle Assembly Checkpoint regulates Cell Division
9:30	Jeremy Thorner	Morphogenesis of Septin Structures and Cell Cycle Transitions
10:00	Takashi Takeuchi	How is the cell cycle arrest of cardiomyocytes regulated in mammals and newts?
10:30	Mathieu Bollen	PP1 and Aurora B at the mitotic exit: the power of balance.
Coffee Break		
11:20	Hiroshi Kondoh	Cellular life span and the Warburg effect
11:50	Hirofumi Aiba	Identification and characterization of determinants of chronological lifespan in fission yeast
12:05	Masashi Tanaka	Exome analysis of senescence-accelerated mice

Session 4 (Oct 25, PM) (Chair: Minoru Yoshida)		
14:00	Randy Poon	Exploiting mitotic exit for potential anti-cancer therapies
14:30	Fuyuhiko Tamanoi	mTOR signaling and human cancer
15:00	Kazuhiro Shiozaki	Fission yeast as a model system to study TOR complex 2 signaling
15:30	Claudio De Virgilio	The ins and outs of quiescence in yeast: PKA and TORC1 keep the beauty sleepless
Coffee Break		
16:30	Seiji Takashima	Microtubule mediated stress response for energy depletion
17:00	Toru Miyazaki	AIMing at Metabolic Syndrome—Towards development of novel therapies for modern metabolic diseases via AIM
17:30	Yoichi Nabeshima	α -Klotho regulates FGF23 activity via binding to O-linked glucuronide moiety

Session 5 (Oct 26, AM) (Chair: Yo-ichi Nabeshima)		
9:00	Mitsutoshi Setou	Mass Spectrometry Imaging of Cell Regulations
9:30	Meng-Qui Dong	An Integrated High-throughput Workflow for Identification of Crosslinked Peptides from Complex Samples
10:00	Keiichi Nakayama	Road to absolute quantification of all human proteins by large-scale targeted proteomics
Coffee Break		
10:50	Eric Greene	Visualizing Protein-DNA Interactions with DNA Curtains
11:20	Masaru Ueno	Dysfunctional telomere activates both DNA damage checkpoint and spindle checkpoint in fission yeast <i>S. pombe</i>

Session 6 (Oct 26, PM) (Chair: Paul Russell)		
17:00	Minoru Yoshida	A role of protein acetylation in glucose resistance and chronological lifespan in fission yeast
17:30	Valter D. Longo	Mechanisms of nutrients-dependent regulation of stress resistance and longevity in <i>S. cerevisiae</i>
18:00	Mitsuhiro Yanagida	Nutrient limitations alter cell division control and chromosome segregation through growth-related kinases and phosphatases
18:30	Jürg Bähler	Quantitative Analysis of Transcriptomes and Proteomes in Proliferating and Quiescent Fission Yeast Cells

Sun. Oct. 23		Mon. Oct. 24		Tue. Oct. 25		Wed. Oct. 26		Thr. Oct. 27	
		7:00-8:15	Breakfast	7:00-8:15	Breakfast	7:00-8:15	Breakfast	7:00-9:00	Breakfast
		8:15, 8:30	Shuttle Bus	8:15, 8:30	Shuttle Bus	8:15, 8:30	Shuttle Bus		
		8:50	Opening remarks					9:00	Departure Bus
		Session 1		Session 3		Session 5			
		9:00	Paul Russell	9:00	Jonathon Pines	9:00	Mitsutoshi Setou		
		9:30	Yoshie Harada	9:30	Jeremy Thorner	9:30	Meng-Qui Dong		
		10:00	Peter McHugh	10:00	Takashi Takeuchi	10:00	Keiichi Nakayama		
		10:30	Coffee Break	10:30	Mathieu Bollen	10:30	Coffee Break		
		10:50	Simon Chan	11:00	Coffee Break	10:50	Eric Greene		
		11:20	Stephen Kearsey	11:20	Hiroshi Kondoh	11:20	Masaru Ueno		
		11:50	Peter Carlton	11:50	Hirofumi Aiba	11:50			
		12:05	Takehiko Kobayashi	12:05	Masashi Tanaka	Excursion to Shurijo castle			
		12:35	Lunch	12:35	Lunch	Bus			
		Session 2		Session 4		SSH(12:00)-Shurijo(13:00)			
		14:00	Atsushi Hirao	14:00	Randy Poon	Shurijo(14:45)-Hotel/SSH(15:30)			
		14:30	Keiko Nakayama	14:30	Fuyuhiko Tamanoi	Hotel/SSH(16:30)-Main Campus			
		15:00	Li-Lin Du	15:00	Kazuhiro Shiozaki				
		15:30	Paul Young	15:30	Claudio De Virgilio	Session 6			
		16:00	Coffee Break	16:00	Coffee Break	17:00	Minoru Yoshida		
		16:30	Shigeaki Kato	16:30	Seiji Takashima	17:30	Valter D. Longo		
16:00	Shuttle Bus (Naha)	17:00	Hiroki Ueda	17:00	Toru Miyazaki	18:00	Mitsuhiro Yanagida		