

Scientific Program at a Glance (Dec. 8th, 9th)

Room		Wed., Dec. 8th			Thu., Dec. 9th	
		Morning (9:00 ~ 11:00)	Afternoon (15:15 ~ 18:00)	Evening (18:15 ~ 19:15)	Morning (9:00 ~ 11:00)	Afternoon (15:15 ~ 18:00)
Kobe International Exhibition Hall	Room A		W1A Infrastructure making proteins functional in the cell			W2A Mitochondrial DNA: mutations, aging, and cancer
	Room B		W1B Role of DNA methylation and histone methylation in gene regulation control.			W2B Success or failure? --- Protein quality control in the cells
International Conference Center Kobe	Room C	S1C Recent topics in RNA biology	W1C Molecular mechanisms and physiological roles of cell death		S2C Recent topics of DNA transaction network	W2C Molecular regulation of embryonic and somatic stem cells
	Room D		W1D Crosstalks between chromatin and gene expression in the nucleus			W2D New approaches of embryology
	Room E		W1E Structure and cellular functions of AAA+ superfamily proteins			NBRP Symposium
	Room F		W1F Understanding the SUMO modification pathway			W2F Molecular recognitions of immune cell surface receptors
	Room G		W1G Frontier science of schizophrenia; molecular /cellular modeling and genomic linkage studies			W2G Structural biology of proteins related to DNA and chromatin
	Room H		W1H Recent progress of study of TOR signaling			W2H Rational approach to the development of new proteinaceous pharmaceuticals
Kobe Portopia Hotel	Room I		W1I Integrated biology of the centromere		S2I Localization and quality control of proteins	W2I Novel frontier world by applied molecular biology: development of molecular tools based on fusion of different fields of sciences
	Room J	S1I Spatio-temporal control of immune response	W1J Chromosome dynamics during meiosis			W2J Bioinformatics for the investigation of interaction
	Room K		W1K Immune-regulation by co-signal			W2K Molecular biology of the nervous system that controls animal behavior
	Room L		W1L A new era of glycoworld			W2L Chemical genetics: exploring new molecular biology with chemistry
	Room M	S1M Mechanisms of chromosome segregation		Special Lecture Sydney Brenner, 60 min. Molecular Biology in the Last Quarter of a Century	S2M Cells as morphogenetic units	
	Room N		W1N The molecular dynamics of signal transduction		S2N Bioinformatics in the post-genome era	W2N Replicative communication systems: links with cell division and cell cycle regulation
	Room O	S1N Signal transduction in regulation of cell fate and cell function	W1O RNA-protein complex			W2O Regulation of recombination: basic science and application
	Room P		W1P RNA Biotechnology			W2P How do cells respond to DNA damages?
Kobe Chamber of Commerce and Industry Hall	Room Q		W1Q Molecular mechanism of development and differentiation of immune cells			W2Q Development and cell growth
	Room R		W1R Bioinformatics of morphological information : From quantitative image analysis to large scale phenotype screening			W2R Discovery and application of gene resources from extreme environment

Mark denotes that the language at the session is English.

Scientific Program at a Glance (Dec. 10th, 11th)

Room		Fri., Dec. 10th		Sat., Dec. 11th	
		Morning (9:00 ~ 11:00)	Afternoon (15:15 ~ 18:00)	Morning (9:15 ~ 12:00)	Afternoon (13:15 ~ 15:30)
Kobe International Exhibition Hall	Room A		W3A Hierarchy of epigenetic regulation	W4A Protein dynamics and signaling pathways in cytokinesis	
	Room B		W3B Advances in mechano-biology	W4B Molecular dissection of genomes and chromatin: unraveling 'the second genetic code'	
International Conference Center Kobe	Room C	S3C Frontier of structural biology	W3C Activity-dependent control of gene expression, protein translation and signaling network in neuronal systems	W4C Recent advance in nuclear receptor	Special Symposium Beyond sex and species
	Room D		W3D Chromosome dynamics and genome integrity	W4D Development of the therapeutic drugs for virus infections and of the vectors for hereditary diseases based on the virus replication	
	Room E		W3E Strategies of organisms to generate diversified proteins		Workshop on Public Interests & Demands 1
	Room F		W3F Dynamics of organelle membranes assembly and regulation	W4F Molecular mechanisms for parasitic adaptation in protists	Workshop on Public Interests & Demands 2
	Room G		W3G Progress of metabolome research	W4G Molecular biology and neuronal network in odorant and pheromone perception: from Drosophila to Mammals	Workshop on Public Interests & Demands 3
	Room H		W3H Molecular mechanisms of DNA replication fork blockage and its recovery	W4H All about myosin-V (Class V myosin) as a processive molecular motor for organelle transport	Workshop on Public Interests & Demands 4
Kobe Portopia Hotel	Room I		W3I Molecular and cellular mechanisms underlying neuronal polarization	W4I Structural proteomics and structural bioinformatics	
	Room J	S3I Cell to cell signal communication and plant organization	W3J Molecular mechanism of plant immunity	W4J Genetics and genomics of Medaka and zebrafish - emerging model systems for organogenesis and diseases	
	Room K		W3K Recent progress on the research of molecular mechanism of plant development	W4K Functional genomics of microorganisms: "laboratory models v.s. environmental examples"	
	Room L		Mitsubishi Chemical Award & Lecture	W4L Cell cycle checkpoints and initial responses to DNA damage	
	Room M	S3M Molecular biology in brain research			
	Room N		W3N Front line researches of Wnt signaling	W4N Cis regulatory sequences and animal evolution	
	Room O	S3N Key players of carcinogenesis	W3O The missing link between infectious diseases and carcinogenesis	W4O Does a massive amount of further veiled information exist in human genome? -- Approaching a mystery of human genome to perform complex functions with "small number" of genes --	
	Room P		W3P New frontier of aging research	W4P The merits and demerits of nucleotide modifications in evolution	
Kobe Chamber of Commerce and Industry Hall	Room Q		W3Q Technical frontier of structural biology	W4Q Notch signaling- from developmental regulation to clinical applications	
	Room R		W3R Crosstalk between ECM environment and cells, the basis of animal development and diseases	W4R Molecular basis for adaptive phenomena in insects	