

Symposia & Workshops at a Glance

Bldg	Floor	room		Day 1 (Dec. 9, Wed)		Day 2 (Dec. 10, Thu)	
				9:00~11:30	13:15~15:45	9:00~11:30	13:15~15:45
Conference Center	1F	Room 1	Main Hall	1S1 Molecular and cellular biology of pluripotent stem cells Hitoshi Niwa, Norio Nakatsuji	1W1 Metabolics: A new approach to elucidating biology Tomoyoshi Soga, Hiroyasu Esumi	2S1 Emerging power of epigenomics in life science Hiroyuki Sasaki, Yong-Joon Kim	
	3F	Room 2	301	1S2 New phase of proteomics to uncover cellular functions Yasushi Ishihama, Jesper V Olsen	1W2 New paradigm for tumor suppressor p53 Tomoaki Tanaka, Tohru Minamino	2S2 Novel carbohydrate functions and disease mechanisms elucidated by gene-manipulated animals Koichi Furukawa, Shinobu Kitadume	2W2 Diverse roles of ubiquitin in regulating cellular functions Kazuhiro Iwai, Kazuhisa Nakayama
		Room 3	302	1S3 Recent progress in the nuclear receptor biology Shigeaki Kato	1W3 Integrative approaches towards evolutionary studies Shigeru Kuratani, Kiyokazu Agata	2S3 Autophagy and the proteasome: intracellular proteolysis saves life Tamotsu Yoshimori	2W3 Approaches for understanding the physicochemical field for genetic activities Akatsuki Kimura, Chikashi Obuse
		Room 4	303	1S4 Towards experimental systems biology at the organism level Hiroki Ueda, Ko Kobayakawa	1W4 Molecular pathology of genetic instability disorders Kaoru Sugawara, Masayuki Seki	2S4 Recent progress on concepts of nuclear architecture and the control of genome function Masahiko Harata, Susan Gasser	2W4 Novel insights into the roles for the spatial organization of chromosome territories and nuclear domains Satoshi Tashiro, Kei-ishi Shibahara
		Room 5	304	1S5 New horizons of chromosome dynamics study Hiroyuki Araki, David Gilbert	1W5 Molecular dynamics of chromosome doubling apparatus Toshiki Tsurimoto, Hisao Masukata	2S5 Integrated regulation of biological cycles Hisao Masai, Hajime Tei	2W5 What every wet-lab scientist should know about bioinformatics and databases Yasukazu Nakamura, Shoko Kawamoto
		Room 6	Lounge		1W6 Diversity achieved by RNA program Kunio Inoue, Toshifumi Inada		2W6 Genomic stability under environmental stress Mutsuo Sekiguchi, Hisaji Maki
		Room 7	311+312		1W7 New frontier of functional regulation in the nucleoid with high-ordering structure Kaneyoshi Yamamoto, Taku Oshima		2W7 Chromosome segregation and cell cycle progression Takashi Ushimaru, Ayumu Yamamoto
		Room 8	313+314		1W8 Signalosome-mediated basic principles common to plants and animals Jun-ya Kato, Minami Matsui		2W8 Molecular and cellular mechanisms of mechanosensing Takeshi Nikawa, Shin'ichi Takeda
		Room 9	411+412		1W9 Nanobiology as a foundation of basic biology Nobuo Shimamoto, Kunio Takeyasu		2W9 Emerging therapeutic modalities for neuromuscular disorders Kinji Ohno, Shoichi Ishiura
	4F	Room 10	413		1W10 Structural and molecular evolution of the machinery of cytokinesis in eukaryotic cells Hiroshi Hosoya, Takashi Murata		2W10 Diversity and evolution of insects and related species Shigeo Hayashi, Toshiro Aigaki
		Room 11	414+415		1W11 Lymphostromal crosstalks in immune system development Taishin Akiyama, Yousuke Takahama		2W11 Multiple control of cytokine regulators in homeostasis and host defense Atsuko Masumi, Tomohiko Tamura
		Room 12	416+417		1W12 Leading-edge research on NF- κ B, a mediator of inflammation and cancer development Jun-ichiro Inoue, Shoji Yamaoka		2W12 Fertilization and allogeneic authentication mechanisms in animals and plants Megumi Iwano, Hitoshi Sawada
	5F	Room 13	501	1S13 Frontiers of medical researches based on comprehensive genome analysis Shoji Tsuji, Daniela S. Gerhard	1W13 Frontier medical research using model animals Norio Ishida, Sumihare Noji	2S13 The mechanism of stem-cell maintenance and differentiation during plant reproductive development Ken-Ichi Nonomura, Takashi Araki	2W13 Glycan in stem cells Shoko Nishihara, Seiji Hitoshi
		Room 14	502	1S14 The front lines of research into RNA silencing mechanisms Mikiko C. Shiomi, Jun-ichi Nakayama	1W14 Dissecting mechanisms of "sharp tricks" in symbiosis and parasitism Masahiro Yamamoto, Hirota Kanaka	2S14 Molecular and genetic approaches toward understanding behavior Tsuyoshi Koide, Abraham Palmer	2W14 Notch signaling: new regulatory mechanisms revealed by cell biological studies Motoo Kitagawa, Kenji Matsuno
		Room 15	503	1S15 Systems molecular neuroethology based on neural circuits Yuichi Iino, William R. Schafer	1W15 Universal and unique features of heart development: insights into the mechanisms of general organogenesis Naoyuki Miura, Hiroki Kurihara	2S15 Evolution of new-generation molecular biology driven by ultra-large-scale DNA sequencing Asao Fujiyama, Sumio Sugano	2W15 Forefront of structural biology into cell regulation mechanisms by post-translational protein modification and degradation Toshio Hakoshima, Shuya Fukai

<How to read the session numbers>

Date + Symposium (S) + Room
(ex.)3S13: The 3rd day / Symposimu / Room 13

<Session Language>

J: Japanese **E**: English

J/E: Japanese or English (depends on speakers)

Bldg	Floor	room		Day 3 (Dec. 11, Fri)		Day 4 (Dec. 12, Sat)
				9:00~11:30	13:15~15:45	9:00~11:30
Conference Center	1F	Room 1	Main Hall	3S1 New insights in omics research using next generation sequencers Yoshihide Hayashizaki, Harukazu Suzuki		
	3F	Room 2	301	3S2 Systems biology of cellular signaling Shinya Kuroda, Michael Stumpf	3W2 Genome network analysis opening the world of new biology and medical care. Etsuko Miyamoto-Sato, Hiroshi Yanagawa	4W2 Mechanism underlying directional cell migration Kozo Kaibuchi, Akira Kikuchi
		Room 3	302	3S3 Molecular biology of asymmetrical cell division Takehiko Kobayashi	3W3 Cell cycle and chromatin regulation Masatoshi Kitagawa, Keiichi Nakayama	4W3 Current progress in TOR research Tatsuya Maeda, Masahiro Uritani
		Room 4	303	3S4 Molecular dynamism of protein traffic and organelle biogenesis Yukio Fujiki, Ari Helenius	3W4 Transcriptional regulation by intrinsically disordered proteins Yoshifumi Nishimura, Kenji Sugase	4W4 Vasculodiversity in health and disease Tetsuro Watabe, Jun Yamashita
		Room 5	304	3S5 A new developments of evolutionary genomics Takashi Gojobori, Norihiro Okada	3W5 Biology of TGF-β: a key regulator in a diverse array of biological phenomena Keiji Miyazawa, Susumu Itoh	4W5 Molecular mechanisms of meiosis Yoshinori Watanabe, Akira Shinohara
		Room 6	Lounge		3W6 Mechanisms for reproductive isolation and their relation to genome evolution Nori Kurata, Tetsuya Higashiyama	4W6 Contribution of molecular biology to prevent global warming - Functional analysis of cellulosome super-complex for complete degradation of biomass Mitsuyoshi Ueda, Yutaka Tamaru
		Room 7	311+312		3W7 Frontier of Bacterial Cell Duplication Naotake Ogasawara, Hironori Niki	4W7 In vivo molecular biology Takeshi Imamura, Tomomi Nemoto
		Room 8	313+314		3W8 New aspects of homologous recombination research Takashi Hishida, Hiroshi Iwasaki	4W8 Clock genes to emerge as key molecules for etiology of cancer and metabolic disease Masaaki Ikeda, Shigeki Shimba
		Room 9	411+412		3W9 Chronic inflammation: molecular basis of lifestyle-related disease and cancer Yoshihiro Ogawa, Yuichi Oike	4W9 Recent progress in molecular research of tetraspanin: its novel function from an etiologic standpoint Tohru Nakanishi, Kenji Miyado
	4F	Room 10	413	3W10 What determines host-parasite or tissue/cell specificities: Molecular mechanisms for parasitic adaptation? Shin-ichiro Kawazu, Tomoyoshi Nozaki	4W10 Developmental timing: Molecular mechanisms for the temporal control of development and evolution of life histories Ryusuke Niwa, Akira Ogawa	
		Room 11	414+415	3W11 Cilia: Assembly mechanisms and diverse biological functions Takahiko Yokoyama, Masafumi Hirono	4W11 Bioinformatics for phytochemical genomics Kazuki Saito, Shigehiko Kanaya	
		Room 12	416+417	3W12 Biological functions mediated by post-translational modifications in ER and Golgi apparatus Tetsuya Okajima, Chihiro Sato	4W12 New insights into mitochondrial function in metabolic adaptation and failure Kazuto Nakada, Naotada Ishihara	
	5F	Room 13	501	3S13 Centromeres and kinetochore-microtubule interactions Tatsuo Fukagawa, Iain M. Cheeseman	3W13 A new era of genetic studies on vertebrate organogenesis Koichi Kawakami, Masahiko Hibi	4W13 Functions of post-translational modification systems in suppressing genome aberration Mitsuko Masutani, Hideo Nishitani
		Room 14	502	3S14 Molecular basis for development and plasticity in the nervous system Kazuo Emoto, Kang Shen	3W14 Bio-image processing: quantification and what is next Shuichi Onami, Shinichi Morishita	4W14 The nuclear envelope as a cell barrier for regulating gene expression Tokuko Haraguchi, Keita Ohsumi
		Room 15	503	3S15 Biological clocks, the inputs and outputs Yumiko Saga, Hitoshi Okamura	3W15 Frontiers in RNA and intron evolution Akio Kanai, Yoh-ichi Watanabe	4W15 Hierarchy in chromatin structure and function Masami Horikoshi, Takashi Ohyama

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