

# September 19 (Tue.) Day1

Building	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00	
Kumamoto Univ. Kurokami North Campus	General Education Bldg.	E107	Room A			1SAA Ta Panta rhei: Spatiotemporal dynamics of flow-related biological patterns Azusa Kage, Takayuki Torisawa 9:00-11:30		1LSA	
		B201	Room B			1SBA Bioinorganic Approaches for Understanding Reaction Mechanisms of Metalloproteins Sachiko Yanagisawa, Yasuhiro Funahashi 9:00-11:30	IMSBIO Co., Ltd. / Affinity Science Corporation / Kyoto Constella Technologies Co., Ltd. / Biomodeling Research Co., Ltd.	Award Seminar of Outstanding Biophysics and Physicobiology Paper 12:50-13:20	
		B202	Room C			1SCA Protista behaviors Seiji Sonobe, Masatoshi Ichikawa 9:00-11:30			
		E201	Room D			1SDA Analysis of Protein Dynamics in Solution Tadayuki Ogawa, Fumio Arisaka 9:00-11:30	1LSD Malvern Instruments A division of Spectris Co., Ltd.		
		E203	Room E						
		E205	Room F			1SFA Operating principles of membrane proteins at multiscale resolutions Kei-ichi Okazaki, Rikiya Watanabe 9:00-11:30	1LSF NIKON INSTECH CO., LTD.		
		C301	Room G			1SGA Next-generation in-silico drug discovery using high-performance computing Mitsugu Araki, Mitsunori Ikeguchi 9:00-11:30	1LSG MOLSIS Inc.		
		E303	Room H						
		E305	Room I			1SIA Advanced single cell analysis by fusion of nano-characterization technology and bioimaging Yasufumi Takahashi, Hiromu Kashida 9:00-11:30	1LSI HAMAMATSU PHOTONICS K.K.		
		C401	Room J					LS Luncheon Seminars 11:50-12:40	
	Faculty of Law Main Bldg.	Room A1	Room K			"Early Career Award in Biophysics" (ECAB) Candidate presentations			
		Room B1	Room L			1SLA Experimental and Computational Analysis on Protein-Protein Interaction in Cellular Environments Yuji Sugita, Kohei Tsumoto 9:00-11:30			
		Room B2	Room M			1SMA New trends for Structural Life Science Toshiyuki Shimizu, Genji Kurisu 9:00-11:30			
		Room B3	Room N			1SNA Novel approaches to elucidating the structure-function relationship of the active sites in biomolecular systems Ayana Sato, Tetsunari Kimura 9:00-11:30			
	C201 + 202	Poster							
	D201 + 202 + 203			Installation 8:30-9:30		Poster Display 9:30-16:30			
	D301 + 302 + 303								
	C101 + C102	Exhibition				Exhibition 9:30-18:30			

14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00
<b>1SAP</b> Dynamics Made of Ordering and Ordering Made from Dynamics Ryo Akiyama, Hirofumi Sato 13:20-15:50							
<b>1B</b> Muscle I, Molecular motor I 13:20-16:20							
<b>1C</b> Biological & Artificial membrane I, Bioengineering, Measurements I 13:20-16:20							
<b>1D</b> Bioimaging I 13:20-16:20							
<b>1E</b> Water & Hydration & Electrolyte, Proteins: Property, Engineering, Bioinformatics, Nucleic acid I 13:20-16:20							
<b>1F</b> Proteins: Structure, Structure-function relationship I, Measurement & Analysis 13:20-16:08							
<b>1G</b> Proteins: Function, Heme proteins I, Nucleic acid binding proteins 13:20-16:20							
<b>1H</b> Cell biology I 13:20-16:20							
<b>1I</b> Photobiology: Vision & Photoreception I, Photosynthesis I, Optogenetics & Optical Control I 13:20-16:20							
<b>1J</b> Nonequilibrium state & Biological rhythm, Mathematical biology I, Chemoreception, Neuroscience & Sensory systems 13:20-16:08							
<b>1SKP</b> Frontiers in Membrane Molecular Bioenergetics: from photon to supercomplex. Christoph Gerle, Kazuhiro Abe 13:20-15:50							
<b>1SLP</b> Molecular-Level Analysis of Environment Effect toward Tuning of Protein Structure and Function Shige H. Yoshimura, Nobuyuki Matubayasi 13:20-15:50							
<b>1SMP</b> Structural biology of proteins mediating stimulus- response Atsushi Nakagawa, Hideki Kandori 13:20-15:50							
<b>1SNP</b> International symposium on mechanobiology with its cutting edge and diversity Kumiko Hayashi, Satoshi Arai 13:20-15:50							
			Poster Presentation Odd num. 16:30-17:30	Poster Presentation Even num. 17:30-18:30	<b>Removal</b> <b>18:30 ~ 18:45</b>		

# September 20 (Wed.) Day2

Building	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00
General Education Bldg.	E107	Room A			2SAA Introduction about "Minority in life science" Takeharu Nagai, Hiroki Ueda 8:45-11:15		Experts Committee 11:30-12:20	
	B201	Room B			2SBA Biophysics on saccharides and lipids toward medicine Yoko Matsumoto, Misako Aida 8:45-11:15		General Assembly Symposium 12:20-13:40	
	B202	Room C			2SCA New approaches of integrated use of experimental and simulation methods for dynamic correlative structural analysis of biomolecules in the wide spatiotemporal scale Masaaki Sugiyama, Hiroshi Nakagawa 8:45-11:15			
	E201	Room D			2SDA Frontiers in self-replicating systems: Emergence and synthesis Yusuke T. Maeda, Shunsuke F. Shimobayashi 8:45-11:15		Gender Equality & Young Researchers Support Symposium	
	E203	Room E			2SEA Molecular, Structural, and Dynamic Origins of 24-hour Period in Circadian Clock Systems Shuji Akiyama, Kazuhiro Yagita 8:45-11:15			
	E205	Room F			2SFA Softness and functions of biological molecules under various environments Satoshi Takahashi, Ryota Iino 8:45-11:15		2LSF FEI Company, part of Thermo Fischer Scientific	
	C301	Room G			2SGA New detergents, liposomes, and nanodiscs as membrane-mimetic environments Daisuke Kohda, Tomoya Tsukazaki 8:45-11:15		2LSG OPTO-LINE, Inc.	
	E303	Room H						
	E305	Room I			2SIA Development of methodology to explore the mechanobiology Satoru Kidoaki, Masahiro Sokabe 8:45-11:15		2LSI PHOTRON LIMITED	
	C401	Room J					LS Luncheon Seminars 11:30-12:20	
Faculty of Law Main Bldg.	Room A1	Room K			2SKA Joint Symposium between Indian Biophysics Society and BSJ: Protein biophysics: from folding to drug discovery Akira R. Kinjo, Gautam Basu 8:45-11:15			
	Room B1	Room L			2SLA Happy Hacking imaging for biology by early carriers Shiori Toba, Yoshiyuki Arai 8:45-11:15			
	Room B2	Room M			2SMA High-resolution and High-precision Protein Crystallography by Combined Use of X-ray and Neutron Diffraction Kunio Miki, Taro Tamada 8:45-11:15			
	Room B3	Room N			2SNA Order from dynamic heterogeneity in multicellular systems Tatsuo Shibata, Fumio Matsuzaki 8:45-11:15			
	C201 + 202	Poster						
	D201 + 202 + 203				Installation 8:30-9:30		Poster Display 9:30-16:30	
	D301 + 302 + 303							
	C101 + C102	Exhibition						Exhibition 9:30-18:30

Kumamoto Univ. Kurokami North Campus

14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00
	<b>2SAP</b> Number in biology: deciphering how small number of molecules solve robustness of biological functions Tamiki Komatsuzaki, Shinya Kuroda 13:55-16:25					<b>Banquet</b>  (ANA Crowne Plaza Kumamoto New Sky) 19:30 - 21:30	
	<b>2B</b> Molecular motor II 13:55-16:25						
	<b>2C</b> Biological & Artificial membrane II, Origin of life & Evolution/Ecology & Environment 13:55-16:13						
	<b>2D</b> Bioimaging II 13:55-16:25						
	<b>2E</b> Measurements II, Mathematical biology II, Chemoreception, Behavior, Miscellaneous topics 13:55-16:01						
	<b>2F</b> Proteins: Structure, Structure-function relationship II 13:55-16:25						
	<b>2SGP</b> Macromolecular crowding shapes the world of cells Miho Yanagisawa, Isseki Yu 13:55-16:25						
	<b>2H</b> Photobiology: Photosynthesis II, Electronic state, Heme proteins II, Cell biology II, Muscle II 13:55-16:25						
	<b>2I</b> Photobiology: Vision & Photoreception II, Optogenetics & Optical Control II 13:55-16:25						
	<b>2J</b> Development & Differentiation, Nucleic acid II, Genome biology 13:55-16:01						
	<b>2SKP</b> Joint Symposium between Biophysical Society of R.O.C. and BSJ: Towards tomorrow's structural biology Masaki Yamamoto, Ping-Chiang Lyu 13:55-16:25						
	<b>2SLP</b> The Intersection between Temperature and Life Kohki Okabe, Yoshie Harada 13:55-16:25						
	<b>2SMP</b> Biophysics of molecular assembly and biological membrane Atsushi Shimada, Shiro Suetsugu 13:55-16:25						
	<b>2SNP</b> Data-driven science opens up a new field in biological measurements Takanori Kigawa, Tepei Ikeya 13:55-16:25						
					<b>Removal</b> <b>18:30 ~ 18:45</b>		
			Poster Presentation Odd num. 16:30-17:30	Poster Presentation Even num. 17:30-18:30			

# September 21 (Thu.) Day 3

Building	Venue	Room	8:00	9:00	10:00	11:00	12:00	13:00	
Kumamoto Univ. Kurokami North Campus	General Education Bldg.	E107	Room A			3SAA Biological information probed by optical microscopes using scattering and absorption Taro Ichimura, Katsumasa Fujita 9:00-11:30		3LSA Microsoft Japan Co., Ltd.	
		B201	Room B			3SBA Frontiers in radiation biophysics utilizing quantum beam technologies Masanori Tomita, Tetsuo Nakajima 9:00-11:30			
		B202	Room C			3SCA ATP energized biological machines: their structure, function and force generation mechanism coupled with ATPase Hiroaki Kato, Yuichiro Maeda 9:00-11:30			
		E201	Room D			3SDA Understanding genomic functions in multiscale from chromatin structure to intranuclear dynamics Kayo Hibino, Hiroshi Ochiai 9:00-11:30		3LSD Malvern Instruments A division of Spectris Co., Ltd.	
		E203	Room E						
		E205	Room F			3SFA Multiple aspects to understand mechanisms of membrane proteins as devices and novel approaches to dissect biomolecules Takayuki Nishizaka, Seiji Kojima 9:00-11:30		KAKENHI Guide Meeting	
		C301	Room G			3SGA Biophysics of genetic information molecules and systems : Integrated approach of experiments, simulations, and data science Shoji Takada, Masaki Sasai 9:00-11:30			
		E303	Room H						
		E305	Room I			3SIA Dialogue between in vitro evolution and biological evolution, both of which have created new functional biomolecules Naoto Nemoto, Satoshi Akanuma 9:00-11:30		3LSI Protein Data Bank Japan (PDBJ)	
		C401	Room J					LS Luncheon Seminars 11:45-12:35	
	Faculty of Law Main Bldg.	Room A1	Room K			3SKA Diversity of biological motility generated by mechanical communications Makoto Miyata, Katsumi Imada 9:00-11:30			
		Room B1	Room L			3SLA Biophysical approach on disease-related proteins toward application for medical and pharmaceutical sciences Daizo Hamada, Young-Ho Lee 9:00-11:30			
		Room B2	Room M			3SMA Tools in a new epoch for structural biology. ~ How to use them properly? ~ Kenji Iwasaki, Florence Tama 9:00-11:30			
		Room B3	Room N			3SNA Keto-enol tautomerism in biomolecules Tatsuya Iwata, Shota Ito 9:00-11:30			
		C201 + 202	Poster		Installation 8:30-9:30	Poster Display 9:30-12:45		Poster Presentation Odd num. 12:45-13:45	
		D201 + 202 + 203							
	D301 + 302 + 303								
	C101 + C102	Exhibition			Exhibition 9:30-14:45				

14:00

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21:00

Poster  
Presentation  
Even num.  
13:45-14:45

Removal  
14:45 ~ 15:00