KSMCB 2025

International Conference of the Korean Society for Molecular and Cellular Biology 2025

September 29 - October 2 / Jeju, Korea (ICC JEJU)

DAY 1 Monday, September 29

Time/Place	1F			3F		5F		
	Yeongju Hall	Baekrok Hall	Event Hall A	Halla Hall	Samda Hall	Tamna Hall A	Tamna Hall B/C	Ocean View
14:00-15:00	**Registration**							
14:00-18:00		**KSMCB Division Convergence Festival**						
		RNA Division & Epigenomics	**Molecular Virology & Mitochondria Metabolism & Stress and Chaperone**	**Cell Cycle and Genome Integrity & Research for Tumor Microenvironment**	**Biological Rhythm & Neurodevelopmental Biology & Ciliary Organelles**	**Plant Molecular Biology & Microbiome**		
15:00-17:00	**Kick-Off Meeting** (Yeongju Hall)							
17:00-17:40	**General Assembly** (Yeongju Hall)							

DAY 2 Tuesday, September 30

Time/Place	1F			3F		5F		
	Yeongju Hall	Baekrok Hall	Event Hall A	Halla Hall	Samda Hall	Tamna Hall A	Tamna Hall B/C	Ocean View
09:30-11:00	**Registration**							
11:00-13:00	**S1 Neurovascular Biology** Alteration of Blood Brain Barrier in Chronic Inflammation	**Special Session TBD** **Korean* **(Supported by GENINUS)**	**S2 Plant Cell Biology** Biomolecular Condensate Dynamics in Plants	**S3 Genome Medicine** Advances in Cell and Gene Therapy **(Supported by KMPC)**	**S4 Axonal Homeostasis** Molecular Guardians of Neuronal Health	**S5 Epigenetics in Human Disease** Chromosomal Dynamics and Therapeutic Implications	**Exhibition (10:00-17:00)**	**Women in Science Mentoring for Careers in Biology and Beyond (Supported by WISET)**
13:00-14:50	**Poster Session I**						**Poster Posting I (10:00-17:00)**	
14:50-15:00	**Opening Ceremony** (Tamna Hall A)							
15:00-15:50	**Plenary Lecture 1: Alan R. Saltiel, Ph.D. Adapting to Metabolic Stress** (Tamna Hall A)							
15:50-16:10	**Break**							
16:10`16:40	**Ilchun Memorial Lecture** (Tamna Hall A)						***Poster Presentation I (13:30-14:30)**	
16:40-17:00	**KSMCB Award for Women in Life Science Lecture** (Tamna Hall A)							
17:00-17:20								
17:20-19:20								**Welcome Reception (Award Ceremony) Ilchun Memorial Lecture/ KSMCB Award for Women in Life Science Lecture/ KSMCB Wunbong Academic Award Lecture/ KSMCB Life Science Award Lecture/ KSMCB M&C Award**

DAY 3 Wednesday, October 1

Time/Place	1F			3F		5F		
	Yeongju Hall	Baekrok Hall	Event Hall A	Halla Hall	Samda Hall	Tamna Hall A	Tamna Hall B/C	Ocean View
08:00-09:00	**Registration**							
09:00-11:00	**S6 Biotechnology** Recent Trends of Cell and Gene Engineering	**S7 Development & Physiology** Dynamic Control of Tissue Homeostasis	**S8 Plant Metabolic Engineering** Advancing the Functionality and Nutritional Value of Crops	**S9 Organelle Medicine** Interactome Studies in Mitochondria, Lysosomes, and the ER	**S10 AI-driven Computational Genomics** Transforming Biology Through AI-driven Computational Genomics	**S11 Cancer Metabolism** Unraveling Tumor Bioenergetics and Therapeutic Targets (Joint with KSBMB)	**Exhibition (09:00-17:00)**	
11:00-11:20	**Break**							
11:20-12:10	**Plenary Lecture 2: Anthony A. Hyman, Ph.D. Phase Separation in Cell Physiology and Disease** (Tamna Hall A)							
12:10-13:00 (Luncheon Symposia)	**Cell Safe (12:10~12:35) Bertis (12:35~13:00)**	**Young Investigator Session**	**Young Investigator Session**	**MERCK 350 Future Researcher Award Lectures**	**Special Session** Deeptech Bio-venture Beyond the Laboratory	**Luncheon Symposium**	**Poster Posting II (10:00-17:00)**	
13:00-14:50	**Poster Session II**						***Poster Presentation II (13:30-14:30)**	
14:50-16:50	**S12 Phase Separation** Biophysical Mechanisms in Cellular System	**Special Session Korea BioData Station (K-BDS)** From National Infrastructure to Research-Driven Applications **Korean* **(Supported by KOBIC/KISTI)**	**S13 Plant Stress Biology** Advancements in Plant Stress Biology for Tackling Climate Change	**S14 Neurobiology** Engram-Mediated Regulation of Emotional Memory	**S15 WBF** Innovative Young Investigators in Women's Bioscience Forum **(Supported by WBF)**	**S16 Immunology** Tissue-Resident Immune Cells in Health and Disease		
16:50-17:10	**Break**							
17:10-18:00	**Plenary Lecture 3: Nicolas H. Thomä, Ph.D. Transcription Factors in Oncology: How They Work and How to Target Them** (Tamna Hall A)							

DAY 4 Thursday, October 2

Time/Place	1F			3F		5F		
	Yeongju Hall	Baekrok Hall	Event Hall A	Halla Hall	Samda Hall	Tamna Hall A	Tamna Hall B/C	Ocean View
08:00-09:00	**Registration**							
09:00-11:00	**S17 Cancer Biology** Ferroptosis and Metabolic Stress in the Tumor Microenvironment	**S18 Structural Biology** Frontiers in Cryo-EM Techniques and Applications	**S19 Proteostasis** Revisiting Protein Metabolism and Disease	**S20 Autism** Genetic Insights and Molecular Pathways From Multi-Model Studies	**S21 Decoding Myokines** Perspectives and Implications for Medicine and Drug Development	**S22 Autophagy** Pioneering Pathways to Therapeutic Innovations		
11:00-11:20	**Break**							
11:20-12:10	**Plenary Lecture 4: Michael E. Greenberg, Ph.D. How Nature and Nurture Conspire to Control Brain Development and Function** (Tamna Hall A)						**Exhibition (09:00-15:00)**	
12:10-13:00 (Luncheon Symposia)	**Luncheon Symposium**	**Lee Se Yong Outstanding Ph.D. Thesis Award Lectures**	**Luncheon Symposium**	**Luncheon Symposium**	**Research Ethics Symposium** **Korean*	**Luncheon Symposium**		
13:00-13:20	**Break**							
13:20-13:40	**KSMCB Wunbong Academic Award Lecture** (Tamna Hall A)							
13:40-14:10	**KSMCB Life Science Award Lecture** (Tamna Hall A)							
14:10-14:40	**Closing Ceremony Hanmi TGA / Excellent Poster Award / YI Research Award / Lottery / Closing Remarks** (Tamna Hall A) **Korean*							