

## Schedule

May 28 (Tue), 2024						
Time	Exhibition Center 2					
	1F		3F			
	121-123	124-126	321	322	323	324-325 326
12:30-13:00	Registration (Exhibition Center 2, 1F)					
13:00-14:30	YSP 1	YSP 2				
14:30-14:40	Coffee / Tea Break		Satellite 1	Satellite 2	Satellite 3	Satellite 4 Satellite 5
14:40-15:00	Welcome Lecture					
15:00-15:30			Break			
15:30-15:40	Coffee / Tea Break					
15:40-17:10	YSP 3	YSP 4	Satellite 6	Satellite 7	Satellite 8	Satellite 9 Satellite 10
17:10-17:30	Closing Session					
18:00-	YSP Networking					

May 29 (Wed), 2024											
Time	Venue	Auditorium	Convention Hall						1F 103-105, 109-110 & Lobby 3F Grand Ballroom & Lobby	Exhibition Opening Time 09:00-16:00	Poster Posting & Viewing Time 09:00-16:00
			1F			2F					
			101-102	106-107	201-202	203-204	205	206			
08:00-09:00			Registration (Convention Hall 3F)						PI Networking		
09:00-11:00			S1	S2	S3	S4	S5				
11:00-11:15			Coffee / Tea Break								
11:15-12:05		PL1: Charles M. Rice									
12:05-12:35			Coffee / Tea Break								
12:35-13:00			Workshops						PI Networking		
13:00-14:30			Poster Session, Networking & Exhibition								
14:30-15:20		PL2: Chen Dong									
15:20-15:40			Coffee / Tea Break						PI Networking		
15:40-17:40			S6	S7	S8	S9	S10				
18:00-			KSBMB Presidential Reception (Invitation only)								

May 30 (Thu), 2024										
Time	Venue	Auditorium	Convention Hall					1F 103-105, 108-110 & Lobby 3F Grand Ballroom & Lobby		
			1F		2F					
			101-102	106-107	201-202	203-204	205	206		
08:00-09:00			Registration (Convention Hall 3F)					PI Networking		
09:00-11:00			S11	S12	S13	S14	S15			
11:00-11:20			Coffee / Tea Break							
11:20-12:20							Award Lecture General Assembly			
12:20-13:00			Poster Session, Networking & Exhibition					PI Networking	Exhibition Opening Time 09:00-16:00	Poster Posting & Viewing Time 09:00-16:00
13:00-14:30										
14:30-15:20		PL3: Randy Schekman								Presentation Time 13:00-14:00
15:20-15:30			Coffee / Tea Break							
15:30-16:20		PL4: Shelley Berger								
17:30-19:00			KSBMB Happy Hour (Ticketed Session)							

May 31 (Fri), 2024						
Venue	Convention Hall					
	1F		2F			
Time	101-102	106-107	201-202	203-204	205	206
09:00-09:50					PL5: Robert Lefkowitz (Online)	
09:50-10:00	Coffee / Tea Break					PI Networking
10:00-10:50					PL6: Ilchun PL	
10:50-11:00	Coffee / Tea Break					PI Networking
11:00-11:30	Workshops					
11:30-13:00	Lunch on your own					
13:00-15:00	S16	S17	S18	S19	S20	
15:00-15:30					Closing Ceremony & Best Poster Awards	

\*This program is subject to change.

## Important Dates

### Young Scientist Program (YSP) Application

Feb 13 (Tue) ~ Mar 8 (Fri), by 6 pm

### Abstract Submission

Feb 13 (Tue) ~ Mar 29 (Fri), by 6 pm

### Registration

Pre-registration: Feb 13 (Tue) ~ Mar 29 (Fri), by 6 pm

On-site Registration: May 28 (Tue) ~ May 31 (Fri), 2024

## General Information

### Registration Fee (KRW)

Type		Annual Membership Fee	Pre-Registration	On-site Registration
KSBMB Member	Regular	80,000	210,000	290,000
	Students	20,000	120,000	170,000
Non-member	General Participants	-	360,000	420,000
	Students	-	160,000	220,000

## Venue

Convention Hall, BEXCO, #55 APEC-ro, Haeundae-gu, Busan, Korea



### Busan Station to BEXCO

- By Taxi:** Distance 13.93km / Approx 30min
- By Bus:** Express Bus 1001, Busan Station → BEXCO Centum City / Approx 30min
- By Subway:** Busan Station (Line 1) → Seomyeon Station (Line 2)  
→ Centum City (BEXCO) Station : Exit No.1 / Approx 45min

## Conference Secretariat

T. +82 70. 7587. 0115

E. ksbmb2024.reg@gmail.com

# KSBMB INTERNATIONAL CONFERENCE 2024

**MAY 28<sup>TUE</sup> – 31<sup>FRI</sup>, 2024**  
**BEXCO, BUSAN, KOREA**

Driving  
**RE**search  
Innov**A**tion in  
Bio**M**edicine  
Togeth**ER**

Supported by



Hosted by



## Invitation

Dear Colleagues and Members of KSBMB,  
**Welcome to KSBMB International Conference 2024!**

I am Ho Jeong KWON as the President of KSBMB 2024. I am very much honored to share with you the latest scientific event under the theme of "Driving REsearch InnovAtion in BioMedicine TogethER (DREAMER)" on May 28-31, 2024 at BEXCO in Busan, Korea.

The top priority of our conference is to provide a high-quality scientific platform for knowledge sharing and collaborative networking for all the participants and colleagues, which will ultimately lead to a greater improvement in the scientific and educational activities of our time. I sincerely hope that all the participants will enjoy the conference in a warm and stimulating environment and get to know each other better for future collaborations.

KSBMB is the leading scientific society in the field of biochemistry and molecular biology in Korea with a proud history of 76 years. With approximately 19,000 members, KSBMB is actively engaged in various scientific activities, organizes international scientific conferences and three domestic scientific conferences, and opens training and education courses. In recognition of these achievements, the society has been awarded four Grand Prizes by the Korean Academy of Medical Sciences and won the Minister of Science and ICT Award in 2019, solidifying its image and reputation as a leading academic society representing the biological and life sciences in Korea.

Our society is the only international academic society in Korea that joined the International Union of Biochemistry and Molecular Biology (IUBMB) in 1982 and the Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB) in 1973, actively promoting international academic exchanges. We are also preparing to take another leap forward Asia's leading scientific society in biological and life sciences by hosting the FAOBMB 2025 Conference in Busan.

This year, we aim to strengthen the enthusiasm and passion of our members to address the need for further research across the spectrum of interests from basic life science to medical translation. This conference integrates different areas of expertise to enrich our knowledge in basic biochemistry and molecular biology. To complement our capacities we also promote the publication of our two excellent journals, EMM (Experimental & Molecular Medicine) and BMB Reports. In particular, the EMM has become the first journal in Korea to be ranked among the top world's top journals in molecular medicine, and the impact factor of BMB Reports is steadily increasing. With our dedication to cutting-edge research, we have developed EMM and BMB Reports into internationally renowned journals.

This year's plenary lectures will provide valuable insights from three world-renowned Nobel Laureates, Dr. Charles Rice (2020 Nobel Laureate in Physiology or Medicine), Dr. Randy Schekman (2013 Nobel Laureate in Physiology or Medicine), Dr. Robert Lefkowitz (2012 Nobel Laureate in Chemistry) and distinguished plenary speakers, Dr. Shelley Berger (Epigenetic Regulation), Dr. Chen Dong (Immunology), and Dr. Jae Chun CHOE (Behavioral Ecology). In addition, the conference will consist of 20 symposia, Young Scientist Program (YSP), Satellite sessions and poster presentations together with the bio-exhibition of cutting-edge technologies and instruments, aiming at sharing and discussing various ideas paving way for better researches post pandemic era. On behalf of the Organizing Committee of KSBMB International Conference 2024, I sincerely hope you all enjoy these exciting scientific contents and social networking including KSBMB Happy Hour. And for those visiting Korea, we hope you enjoy the beautiful Korean culture and warm hospitality of Busan city. I look forward to meeting you at the KSBMB international conference 2024.

**Ho Jeong KWON**

President  
Korean Society for Biochemistry and Molecular Biology 2024

## Plenary Lectures



**Dr. Charles M. Rice**  
The Rockefeller University, USA

TBA

PL1



**Dr. Chen Dong**  
Tsinghua University, China

Regulation of T cell-mediated immunity in cancer

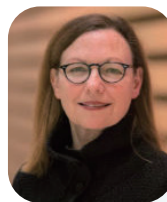
PL2



**Dr. Randy Schekman**  
University of California, Berkeley, USA

Exosomes and the Traffic of Proteins and RNA between Cells

PL3



**Dr. Shelly Berger**  
University of Pennsylvania, USA

Epigenetics of Learning and Memory in Aging

PL4



**Dr. Robert Lefkowitz**  
Duke University, USA

A Brief History of GPCRs and ACRs (Arrestin Coupled Receptors)

PL5

## Symposia Themes

### YSP1-4 Young Scientist Program 1-4

- |            |   |
|------------|---|
| <b>S1</b>  | Viral infection and immune responses                                |
| <b>S2</b>  | Metabolic disease   |
| <b>S3</b>  | AI in digital biology   |
| <b>S4</b>  | Ferroptosis: recent progress and new insights-KSMCB Joint symposium |
| <b>S5</b>  | Pluripotency, differentiation and reprogramming in stem cells       |
| <b>S6</b>  | T and B cell collaboration  |
| <b>S7</b>  | Recent breakthrough in osteobiology                                 |
| <b>S8</b>  | Membrane engineering toward protein secretion control               |
| <b>S9</b>  | New advances and multifaceted aspects of chemical biology           |
| <b>S10</b> | Epigenetics and chromatin structure                                 |
| <b>S11</b> | Protein structure & design  |
| <b>S12</b> | Microbiome  |
| <b>S13</b> | Tumor microenvironment  |
| <b>S14</b> | Innovative drug developments  |
| <b>S15</b> | Ubiquitin, autophagy, and diseases                                  |
| <b>S16</b> | Aging of organisms in chronic diseases                              |
| <b>S17</b> | Physiological roles and application of GPCRs                        |
| <b>S18</b> | Extracellular matrix (ECM), fibrosis                                |
| <b>S19</b> | Current new development of CRISPR-Cas9 technology                   |
| <b>S20</b> | Precision medicine  |

### ST1-10 Satellite Session 1-10

## Poster Sessions and Bio-Exhibition

- Poster Posting & Presentation Date: May 29 (Wed) - May 30 (Thu)
- Venue: 1F~3F, Convention Hall, BEXCO

\*Ilchun Award to be announced.