# Schedule

		May 10 (Wed) Convention Hall	
Venue		2F	
Time	201 & 202	203 & 204	205
16:00-17:00		Registration	
17:00-18:00			General Assembly

May 11 (Thu)									
Convention Hall									
Venue		1	F			2F		1~3F Lobby &	
Time	101~103	104~105	106~108	109~110	201 & 202	203 & 204	205	3F Grand	Ballroom
08:00-				-	Registratio				
09:00-10:40		ST1			ST2	ST3	S1		
10:40-11:00				Break					
11:00-12:00		Visi	it the Exhib	ition and P	oster View	/ing			
12:00-13:00		Lunche	on Works	hop and N	leet the Sp	eakers			
13:00-13:50							PL1 Dr. Fred H. Gage	Exhibition Opening	Poster Posting &
13:50-14:00	Break					Time 09:00-16:00	Poster Viewing		
14:00-15:40	S2	S3	S4	S5	S6	S7	S8	03.00-10.00	Time
15:40-16:00	Break					Opening	09:00-16:00		
							PL2	Ceremony	Presentation
16:00-16:50							Dr. Roel	10.40-11.00	Time
							Verhaak		11:00-12:00
16:50-17:10	Break								
							PL3		
17:10-18:00							Dr. Andrea		
40.00.00.00					10 0	0 5 14	Ballabio		
18:00-20:00	Pres	idential Av	vard Lectu	re & Awar	d Reception	n (Invited (	Jnly)		

May 12 (Fri)										
Convention Hall										
Venue		1	F			2F			obby &	
Time	101~103	104~105	106~108	109~110	201 & 202	203 & 204	205	3F Grand Ballroom		
08:00-					Registration	ı				
09:00-10:40	S9	S10	S11	S12	S13	S14	S15			
10:40-11:00				Break						
11:00-11:50							PL4 Dr. Soman N. Abraham	Exhibition	Poster	
11:50-12:00	Break							Opening	Poster Posting &	
12:00-13:00		Luncheon Workshop and Meet the Speakers						Time	Poster	
13:00-14:00		Visit the	Exhibition	and Poster	l Poster Viewing Lecture T				Viewing Time 09:00-15:00	
14:00-14:50							PL5 Ilchun PL		Presentation	
14:50-15:00	Break							Time		
15:00-16:40	S16	S17	S18	S19	S20	S21	S22		13:00-14:00	
16:40-16:50				Break						
16:50-17:40							PL6 Dr. Kaspar Locher			

May 13 (Sat)									
	Convention Hall								
Venue		1F 2F							
Time	101~103	104~105	106~108	109~110	201 & 202	203 & 204	205		
09:30-10:20	9:30-10:20			Registration					
10:20-12:00	YSP1	ST4	YSP2		YSP3	YSP4			
12:00-13:00	Award Ceremony & Closing Remarks								

# **Important Dates**

Young Scientist Program Submission
 Feb 1(Wed) - Mar 17(Fri), 2023 - by 6pm

- Abstract Submission Feb 13(Mon) - Mar 31(Fri), 2023 - by 6pm

- Registration

Pre-registration: Feb 13(Mon) - Mar 31(Fri), 2023 - by 6pm On-site Registration: May 10(Wed) - 12(Fri), 2023

# **General Information**

## - Registration Fee

		Туре	Annual Membership	Pre- Registration	On-Site Registration
	Member	Regular Member	₩80,000	₩200,000	₩270,000
	Member	Student	₩20,000	₩110,000	₩150,000
	Non- Member	General Participant	-	₩350,000	₩400,000
		Student	-	₩150,000	₩200,000

\* The pre-registration to the KSBMB International Conference 2023 is possible only at https://conf.ksbmb.or.kr.

### - Venue

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



### Busan Station to Bexco

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

# **Conference Secretariat**

T. +82-2-508-7439 E. ksbmb2023@gmail.com

# **KSBMB** INTERNATIONAL CONFERENCE 2023 BIOMEDICA SCIENCE MAY 10WED-13SAT 2023 BEXCO, BUSAN, KOREA









# **Invitation**

### Dear Esteemed Members of KSBMB,

I am Young-Joon Kim as a president of KSBMB 2023. I am pleased to have the opportunity to leave the difficulties behind and have a new start together, but I feel a lot of responsibility at the same time. We have held successful academic conferences and conducted education and publishing projects every year thanks to the effort by the former presidents and the committee members. In consequences, KSBMB developed into a representative society in the life science field. Furthermore, we played a leading role in producing the next president at FAOBMB. Since the successful hosting of the IUBMB congress, it has been recognized both at home and abroad as a major cooperative partner in the field of life science. In particular, for the first time in Korea, the EMM of this journal has become a top journal in molecular medicine around the world, and the BMB report also stands out in academic terms, surpassing the impact factor of five points.

In order to take advantage of this opportunity to become a more advanced biochemical molecular biology society, we will focus on the following projects in 2023. First, I would like to strengthen the members' participation in academic activities and support projects by focusing on the original role of the society. We would like to support more projects for academic activity exchange, such as academic presentations and meetings with researchers. Second, we will provide various educational programs to promote the spread of new technologies and interest in the life sciences of society. Third, we would like to strengthen the Industry-Academic Committee so that we can create opportunities for mutual cooperation and development by expanding the field of exchange between academia and industry. Fourth, we will create a channel of communication so that members can easily know the direction of national policy and the opinions of many members can be actively reflected in national policy. Finally, we will further strengthen support for academic journals published by the association to expand opportunities for members to be highly recognized for their excellent research results without difficulty. In order to successfully carry out the above five key projects, all committee members, the secretariat and I promise to work harder in 2023, and I earnestly ask for the interest and help of the members of the society and industry-academic cooperation institutions. Just as we have overcome the COVID-19 world that we have never experienced. I think we will wisely overcome the economic crisis. I hope that everyone who loves and supports KSBMB will enjoy the joy of a new start together. Thank you.

Young-Joon Kim
President
Korean Society for Biochemistry and Molecular Biology 2023

# **Plenary Lectures**



Neuroscience

Dr. **Fred H. Gage** Salk Institute, USA

Insights into human age-related neurodegenerative disease

### **Cancer Genomics**

Dr. **Roel Verhaak**The Jackson Laboratory, USA

Extrachromosomal DNA amplifications in cancer



### **Genetics**

Dr. **Andrea Ballabio**Telethon Institute of Genetics and Medicine, Italy

Lysosomal signaling in metabolic adaptation and tumorigenesis

# Immunology

Dr. **Soman N. Abraham**Duke University Medical Center, USA

The Mast Cell as an Effector of Cell Death





### **Structural Biology**

Dr. **Kaspar Locher** ETH Zurich, Switzerland

Structural basis of protein glycosylation in the endoplasmic reticulum

\*Ilchun Award to be announced.

# **Symposia Themes**

	YSP1-4	Young Scientist	Program	1-4
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S1 Cancer Cell Atlas

\$2 Epigenetic Gene Regulation

S3 ECM Microenvironment in Human Diseases

\$4 Advances in Precision Medicine

S5 Host-Microbiota Interaction

\$6 Biosensors, and Trends in Neuromodulation

S7 Autophagy Mechanism, Regulation, and Functions

S8 Cellular Plasticity in the Tumor Microenvironment

S9 Nuclear Envelope Instability in Cancer and Aging

\$10 NASH and ASH in the Liver

\$11 FAOBMB Session

S12 New Drug Developments from KSBMB Drug
Development Consortium Chapter

\$13 Translational Research Targeting to Mitochondria for Homo Hundred

S14 New Horizons in Structural Biology: Cryo-EM, AI & Supercomputing (KSMCB Joint Symposium)

S15 Immune Responses in the Barrier and Metabolic
Tissues

\$16 Mechanisms of Brain Dysfunctions

S17 Exploring Therapeutic Targets for Metabolic Diseases

\$18 Stem Cells in Tissue Regeneration and Disease

\$19 Viral Infection and Immune Responses

\$20 Academy-Driven Drug Discovery & Development

S21 Non-coding RNA and Diseases

S22 Computational Design of Functional Proteins

ST1-4 Satellite Session 1-4

# **Poster Sessions and Bio-Exhibition**

Approximately 1,000 scientific posters and over 100 exhibit booths will be displayed on the first to third floor Lobby & Grand Ballroom, and guaranteeing that the exhibit booths will be easily accessible to the participants. Share your excitement in learning on the latest technologies from the exhibits showcasing fine services, equipment, and supplies.

Date : May 11(Thu) - May 12(Fri)

Venue: 1~3F Lobby & 3F Grand Ballroom, Convention Hall, BEXCO