



ICMRBS

Grand Ballroom
COEX
Seoul, Korea

The 30th International Conference on Magnetic Resonance in Biological Systems



ICMRBS 2024 will be an ideal platform where we can freely share and discuss the current status and future directions of scientific and technological achievements in magnetic resonance in biological systems.

In the ICMRBS 2024, we will cover state of art nuclear magnetic resonance fields which are protein structure and dynamics, new NMR methodologies, IDP and aggregation/phase separation, protein folding and misfolding, nucleic acid structure and dynamics, EPR and paramagnetic NMR, protein-protein interaction, metabolomics and biopharmaceutical NMR, multidisciplinary approach/hybrid methods. We will also explore the fast-emerging area

of AI NMR and the vast potential application of biological NMR which they could come to offer.

The venue of ICMRBS 2024 is located in Seoul, a fascinating city along the Han River of Korea, embracing the ancient culture and historical building with modern developments in a surprisingly harmonious manner. This well-balanced mix might be the way we should learn in our field as well, saving the old and braving the new.

We are very much sure that ICMRBS 2024 will be a great offline-based scientific meeting after a long online conference COVID-19 era. We are confident that ICMRBS 2024 will offer more to see, learn, and experience than ever before, and we invite all of you to create unforgettable memories here in Korea. We are looking forward to seeing you in August 2024!

Chairs, Local Organizing Committee of ICMRBS 2024



Weontae Lee
Yonsei University



Bong-Jin Lee
Seoul National University



Yangmee Kim
Konkuk University



Chaejoon Cheong
Korea Basic Science Institute

30 years of history



Important Dates

- | | |
|--|--------------------------|
| • Abstract Submission Open | February 1 st |
| • Registration Open | February 1 st |
| • Abstract Submission Deadline for Oral Presentation | April 12 th |
| • Application Deadline for Student Travel Awards | April 12 th |
| • Acceptance Notice for Oral Presentation | May 6 th |
| • Early Registration Close | May 31 st |
| • Preliminary Program Announcement | June 1 st |
| • Abstract Submission Deadline for Poster Presentation | May 31 st |
| • Final Program Announcement | July 1 st |

Scientific Program

For More Details



01. Protein structure & dynamics
02. Nucleic acid structure & dynamics
03. Protein-nucleic acid interaction
04. Membrane proteins
05. Macromolecular complex
06. IDP
07. Protein folding & misfolding
08. Dynamics and relaxation
09. Drug discovery
10. New methodologies
11. EPR
12. AI NMR
13. Metabolomics
14. Computation
15. In-cell NMR
16. Biopharmaceutical NMR
17. DNP & hyperpolarization
18. Multidisciplinary approach & hybrid methods



*Oral
Abstract
Submission*

**12
April**

**31
May** *Poster
Abstract
Submission*



Plenary Speakers



The Potential of Pressure Jumps in Biological NMR Spectroscopy

Adriaan (Ad) Bax
NIDDK, National Institutes of Health

DNP Enhanced Solid-State NMR.

Lyndon Emsley
EPFL

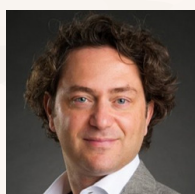


Integrative Structural Biology of Telomerase and 7SK RNPs

Juli Feigon
University of California, Los Angeles

Deconstructing Tau by Solid-State NMR

Mei Hong
Massachusetts Institute of Technology



The Conformational Landscape of Protein Kinases

Charalampos Babis Kalodimos
Dept of Structural Biology, St Jude Children's Research Hospital

The Essentiality of Modern Solution NMR Spectroscopy

Lewis E Kay
University of Toronto



Live Metabolomics with NMR: Real-Time Metabolic Monitoring

Sunghyouk Park
College of Pharmacy, Seoul National University

Faster NMR

Roland Riek
ETH Zurich



Dynamic Structure of Biomolecules

Ichio Shimada
RIKEN, Hiroshima University

Registration

Early-bird Deadline / May 31, 2024

Registration Fee

	Regular	Student	Accompanying	Banquet	Excursion
Early	USD 900	USD 500	Free	USD 100	USD 60
On-site	USD 1,000	USD 600	Free		

Registration Benefit

	Regular	Student	Accompanying
Fee Includes	Conference Kit, Technical Sessions, Welcome Reception, Bruker Night, Luncheon Seminar	Conference Kit, Technical Sessions, Welcome Reception, Bruker Night, Luncheon Seminar, Student Night	Free Registration, Welcome Reception

- | | | |
|--------|---|--|
| Remark | <ul style="list-style-type: none"> Please note that Bruker Night is available on first-come, first-served basis. Participants who register as a student must submit student ID during the registration process. | <ul style="list-style-type: none"> Accompanying person can apply Banquet and Excursion. Please note that Bruker Night or Student Night is not available for accompanying person. |
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Requirement of Presentation	All presenters are eligible to present only one paper.
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Venue



Coex is comprised of four stories above ground with 36,007m² of exhibition space and a floor area of 460,000m². Our four exhibition halls can be partitioned into 12 separate spaces, including a convention hall with space for up to 7,000 people. Our conference facilities boast 55 meeting rooms equipped with state-of-the-art equipment and operated by a cutting-edge building management system.





Seoul, a city full of novelty and tradition of 2,000 years Seoul used to be synonymous with rapid change and trendiness.

Reviving and recreating old things, it has seen the winds of urban change, regeneration and modernization making Hanok and Hanbok hot attractions in the city.

Tradition does not disappear but is born again in today's Seoul. Discover the amazing harmony of the old and the new.



Sponsorship & Exhibition



Advertise Your Product

- Exhibition
August 19-22, 2024
- 1 Standard Booth
3m (width) × 2m (depth) × 3m (height)
- Participation Fee
Program Sponsor: \$3,000 | Booth Only: \$4,000
- Costs and charges for exhibition space, standard booth package
- Logo banner on the homepage and program book
- Full conference registration 2 persons per 1 booth
- Additional booth for \$3,000 including a full registration for 1 person



Sponsor Us

As a conference sponsor, you will have a unique opportunity to increase your visibility. Over 600 participants are expected to attend this conference and, by becoming a sponsor, you will have extensive time for networking and promoting your work among policy makers, support organizations and experts from over 30 countries in the world.

Get in touch with the conference secretariat:
secretary@icmrbs2024.org

Contact Us

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