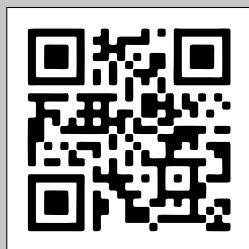


Symposium Website



Special Symposium on

# CLINICAL APPLICATIONS OF NMR/MRI

and

29<sup>th</sup> Annual Meeting of  
National Magnetic  
Resonance Society  
(India)

February 2-5, 2024

Lucknow, India



Centre of BioMedical Research

## Special Symposium on Clinical Applications of NMR/MRI

### and 29<sup>th</sup> National Magnetic Resonance Society (India) Meeting

The Department of Advanced Spectroscopy & Imaging, CBMR, Lucknow in association with Department of Radiodiagnosis, SGPGIMS, Lucknow, & ERA's Lucknow Medical College and Hospital, ERA University, Lucknow, under the aegis of NMRS, India, is organizing a Special Symposium on Clinical Applications of NMR/MRI and 29<sup>th</sup> National Magnetic Resonance Society Meeting (NMRS 2024) during February 2-5, 2024. Scientists, clinicians, academicians, industry experts and students will participate in this event to exchange and disseminate scientific information and ideas. The conference will provide a platform to deliberate the advancements in areas of NMR & MRI. Applications of these techniques in chemistry, biology, medicine, clinical and preclinical research will also be discussed.

### Thrust areas of NMRS meeting

- ◆ NMR based metabolomics and biomarker discovery
- ◆ Solid State NMR methods and applications
- ◆ Solid State NMR of Biomaterials
- ◆ Dynamic Nuclear Polarizations (DNP)
- ◆ Nucleic -acid NMR
- ◆ Small molecules NMR
- ◆ Chemical and synthetic application of NMR
- ◆ Protein NMR
- ◆ NMR application in material science/ polymer
- ◆ In-cell NMR
- ◆ Quantum Information Processing by NMR
- ◆ Micro-imaging NMR
- ◆ NMR in food science and nutraceuticals
- ◆ Emerging techniques and new methods
- ◆ Plant metabolomics
- ◆ NMR hardware developments
- ◆ Low Field NMR
- ◆ NMR software developments
- ◆ EPR imaging
- ◆ Drug discovery and developments
- ◆ NMR applications in biologics

### Scientific Sessions of Special Symposium on Clinical Application of NMR/MRI

- ◆ Clinical NMR and MRI
- ◆ Pre-Clinical NMR and MRI
- ◆ Cardiac MRI
- ◆ Functional MRI
- ◆ Advance diffusion MRI
- ◆ Pediatric MRI
- ◆ Breast MRI
- ◆ Advance MRS
- ◆ Multiparametric MRI
- ◆ Perfusion MRI
- ◆ Liver, Kidney & Prostate MRI
- ◆ Musculoskeletal MRI
- ◆ Dynamic-contrast MRI
- ◆ Relaxometry & Volumetric MRI

**National Magnetic Resonance Society of India (NMRS-India)** was established in the year 1995, with the aim of bringing together scientists working in areas such as nuclear magnetic resonance, electron spin resonance, nuclear quadrupole resonance and related fields.

**CBMR**, a center for multidisciplinary research with extraordinarily talented scientists working at the frontiers of the interface of chemical, biological, medical sciences, and NMR spectroscopy. The center endeavors to develop future medicine, molecular diagnostics, and therapies. It is engaged in developing efficient ways to deliver drugs to their targets, probe cellular reactions in intact biological systems with small molecules, developing new diagnostics, synthesis of structurally diverse structures and their bio-screening.

The Department of Radiodiagnosis, SGPGIMS has state-of Art facilities to provide a range of diagnostic and image-guided therapies, spanning all modalities from X-ray based services to Ultrasound, Color-Doppler, Real-time Elastography, Mammography & Digital Breast Tomosynthesis, CT, MRI, DSA and Interventional labs to meet all clinical situations. The Department carries out Advanced Neuroimaging studies including Functional MRI, Diffusion Tensor Imaging and Perfusion MRI. The Department also carries out Cardiac MRI studies, Dynamic contrast MRI studies, Multiparametric MRI for prostatic and renal imaging, BOLD MRI, and Musculoskeletal MRI.

**ERA Medical University**, the Department of Radiology at Era's Lucknow Medical College & Hospital (ELMC&H) stands as a premier Radiodiagnosis and Imaging facility in North India. Recently, they acquired a cutting-edge MRI machine known for its high resolution and precise diagnostic capabilities, particularly in CNS and musculoskeletal disease diagnosis.

## Registration

Category	Registration fee (INR)	Accommodation charges for 4 days (INR)
PhD / Post doc / MD / MS / Mch / DM student	* 9,000/- 10,000/-	6000/- (Sharing Guest house / 3 Star Hotel)
Academic researchers / faculty	*12,000/- 15,000/-	8,000/- (Single Guest house / 3 Star Hotel)
Industrial participants	25,000/-	10000/- (Single 3 Star Hotel)

*\*Early bird registration till 30th November 2023*

## Sponsorship

<p><b>Platinum</b> Rs 20 Lakh</p> <ul style="list-style-type: none"> <li>❖ One 30 min lecture time slot</li> <li>❖ Acknowledgement in the abstract book</li> <li>❖ Booth in the conference venue</li> </ul>	<p><b>Gold</b> Rs 10 Lakh</p> <ul style="list-style-type: none"> <li>❖ One 20 min lecture time slot</li> <li>❖ Acknowledgement in the abstract book</li> <li>❖ Booth in the conference venue</li> </ul>
<p><b>Silver</b> Rs 8 Lakh</p> <ul style="list-style-type: none"> <li>❖ One 15 min lecture time slot</li> <li>❖ Acknowledgement in the abstract book</li> <li>❖ Booth in the conference venue</li> </ul>	<p><b>Bronze</b> Rs 5 Lakh</p> <ul style="list-style-type: none"> <li>❖ Complimentary Registration for 2 delegates</li> <li>❖ Acknowledgement in the abstract book</li> <li>❖ Booth in the conference venue</li> </ul>

## VENUE:

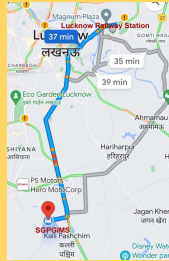
Location



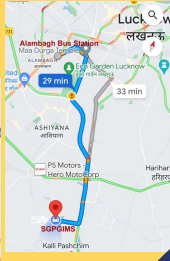
**CV Raman Auditorium  
Sanjay Gandhi Postgraduate Institute  
of Medical Sciences  
Raebareli Road, Lucknow-226014, UP, India**

## How to Reach:

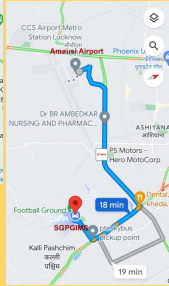
from Lucknow  
Railway Station



from Lucknow  
Alambagh Bus Station



From CCS Airport  
Lucknow



### Convenor:

**Professor Neeraj Sinha**

Email: [organizernmrs2024@gmail.com](mailto:organizernmrs2024@gmail.com)

### Co-Convenor:

**Professor Archana Gupta**

Email: [organizernmrscllc@gmail.com](mailto:organizernmrscllc@gmail.com)

## Payment of Registration fee and Sponsorship :

Banker cheque / Draft in favour of  
"NMR and MRI workshop and conference at CBMR"  
OR

by Bank Transfer to:  
State Bank of India,  
SGPGI Lucknow Branch  
Account No- 42273390653;  
IFS Code: SBIN0007789;  
Swift Code- SBININBB500

Online payees  
should email the UTR and date of transaction

Email: [organizernmrs2024@gmail.com](mailto:organizernmrs2024@gmail.com)



## Centre of BioMedical Research

Autonomous Centre of the Government of Uttar Pradesh  
SGPGIMS Campus, Raebareli Road, Lucknow-226014, U.P., India

Email: [organizernmrs2024@gmail.com](mailto:organizernmrs2024@gmail.com)

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## Registration form

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**Name**

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**Gender**

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**Email ID**

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**Mobile**

---

**Name of University/  
Institute/  
College/  
Organization/  
Industry**

---

**Designation**

---

**Full Address**

---

If Ph.D. student / post doc / MD/MS/MCH  
Name of Supervisor / Guide / Advisor / Mentor

---

Will you be submitting abstract for presentation ? (Yes / No)

---

Invited Speaker (Yes / No)

---

The format of the abstract is available on the conference  
**website:** <https://sites.google.com/view/nmrs-2024/home> and can be  
submitted to the **email:** [abstractNMRS2024@gmail.com](mailto:abstractNMRS2024@gmail.com)

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Are you from a Industry? (Yes / No)

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If you need accommodation ? (Yes / No)

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Please transfer the total amount corresponding to Registration Fee & Accommodation Charges	Transaction ID/UTR
	Check-in Date:
	Check-out Date:
	Number of days:

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Reference number of electronic  
transfer/ NEFT/ RTGS/ wire-transfer  
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