



July 2024

Message from the President



Dear Friends,

At the outset, I express my gratitude to the founders of the Indian Academy of Neurosciences (IAN) and all my predecessors who have nurtured the Academy with high esteem. I thank the members of IAN for electing me as President. At the same time, I realize that this position brings significant responsibilities.

The incidence of neurological and psychiatric diseases has significantly increased worldwide, including in India. While several factors contribute to the etiology of these diseases, longevity, changing lifestyles, and a growing population have largely been attributed to the increased prevalence. The report that brain and mental disorders, along with substance abuse, have greater morbidity and mortality compared to cancers and heart diseases is a further cause for concern.

While technological advances have helped us to understand some aspects of brain functions, many complexities remain to be unraveled. Although the involvement of neurotransmitters in the etiology of neuropsychiatric diseases is well established, the process of integration of these molecules in signaling for synaptic transmission is only partly understood. Understanding changes in select brain regions concerning neuropsychiatric diseases and the vulnerability of specific cell types therein is a major issue to be resolved. There is a strong drive to understand the complex and well-orchestrated processes and principles of computation. The development of 2D/3D neuronal systems has given us a lot of hope for progress. Yet, reconstructing a whole brain model remains a great challenge.

The increase in the annual membership of IAN reflects the interest of young researchers in the field of neuroscience. It also indicates that the visibility of the Academy has increased. The country is proud of its premier research institutions and has high expectations from scientists pursuing various aspects of neuroscience. It is high time to engage young researchers and fellows and train them appropriately to take up research in challenging areas.

The shift to virtual workshops and schools during and after the COVID-19 pandemic was necessary. However, now is the time to organize more workshops and hands-on training courses to make up for the loss of precious time. While local chapters have been quite active in conducting some programs, their proactive role in organizing such workshops, symposia, and programs to strengthen the capabilities of young researchers is solicited. Additionally, it is a sincere appeal for established institutions/centers to come forward to help, train, and benefit young researchers.

The editor's efforts to maintain high standards of our journal, *Annals of Neurosciences*, through SAGE, are much appreciated. I earnestly appeal to members to contribute original research papers and reviews. This will showcase the quality neuroscience research being carried out in the country. With the help of the dynamic secretaries, we are working to strengthen and enhance the activities of the Academy. I am sure we will continue to have your support and guidance to meet these expectations.

I look forward to meeting you, along with your colleagues, research collaborators, and students, at the National Institute of Mental Health and Neurosciences, Bengaluru, during the XLII annual meeting of IAN from November 12-14, 2024.

Vinay Kumar Khanna

Report



Dr Pankaj Seth



Dr Subhas C. Biswas

Dear Colleagues,

Thank you for your continued association and support for the Indian Academy of Neurosciences, the 3rd largest neuroscience society of the Asia. As we navigate through the dynamic landscape of neuroscience, it is inspiring to witness the rapid advancements and breakthroughs occurring globally in neurosciences. The past few years have been particularly remarkable, marked by significant discoveries and innovations that helped in redefining our understanding of the complex structure and function of human brain.

Globally, neuroscientists have made unprecedented strides in various domains of brain research. One of the most notable developments has been in the realm of neuroimaging. Advanced techniques such as functional MRI (fMRI), diffusion tensor imaging (DTI), and magnetoencephalography (MEG) are allowing researchers to explore brain function and connectivity with unprecedented precision. These technologies not only facilitate the mapping of neural networks but also offer novel insights into how different brain regions interact and communicate in health and disease. Fortunately, such technologies are available in India as well; the National Brain Research Centre (NBRC), in Manesar has all these facilities under one roof on its campus. Indian neuroscientists across the nation are carrying out pioneering work in understanding brain in healthy and diseased conditions. One such example is to use MEG to determine the foci of epileptic seizures which enable the neurosurgeons to perform their surgeries with minimal damage to other parts of the brain and making the patients seizure free. Current times are exciting as prestigious institutions like National Brain Research Centre (NBRC), Manesar, Indian Institute of Technology (IIT)-Jodhpur, IIT-Delhi, IIT-Gandhinagar, National Institute of Mental Health and Neurosciences (NIMHANS) Bangalore, Centre for Neurosciences (CNS) and Center for Brain Research (CBR) in IISc Bangalore, National Institute of Advanced Studies (NIAS), Bangalore and Tata Institute of Fundamental Research (TIFR) Mumbai are deeply engaged in neurosciences research. Neuroscientists are exploring brain through 2D and 3D culture system, in that context the ability to develop human brain organoids offers new dimensions to study neuron glia interactions and better understand neurodevelopmental disorders and neurodegeneration by various causes.

Going forward, the Indian Academy of Neurosciences is poised to play a pivotal role in advancing brain research in our region. India boasts a rich tradition of neuroscience research, with pioneering contributions in areas such as neurology, neurosurgery, and cognitive neuroscience. By fostering collaboration among researchers, clinicians, and policymakers, we can harness our collective expertise to tackle pressing health challenges and improve outcomes for patients with neurological disorders. As we embark on this journey, it is essential to prioritize education and training in neuroscience, nurturing the next generation of researchers and clinicians who will drive future innovations. Equally important is advocacy for increased funding and resources to support cutting-edge research initiatives and infrastructure development.

In conclusion, the field of neuroscience stands at a transformative juncture, fueled by unprecedented technological advancements and collaborative efforts on a global scale. By embracing innovation, fostering collaboration, and prioritizing research excellence, we can unravel the mysteries of the brain and translate discoveries into tangible benefits for society.

Pankaj Seth

Subhas C. Biswas

BK Bachhawat Memorial Lifetime Achievement Award - 2023



Dr U.K. Mishra
 Director of Neurology
 Apollomedics Super Specialty Hospitals, Lucknow &
 Senior Consultant Neurology
 Vivekanand Polyclinic and Institute of Medical Sciences
 Lucknow, India; Email: drukmisra@gmail.com

Title of Talk:
*Epidemic of misdiagnosis vitamin B12 deficiency -
 time to act*

Orations - 2023

KT Shetty Memorial Oration



Dr Suman Jain
 Professor
 Department of Physiology
 All India Institute of Medical Sciences
 New Delhi - 110 029, India; Email: sumanjain10@gmail.com

Title of Oration:
*Novel neuromodulatory approaches for functional
 recovery in spinal cord injury*

SS Parmar Oration



Dr Raghu Vemuganti
 Endowed Professor of Cerebrovascular Research
 Vice Chair for Basic Research
 Department of Neurological Surgery
 University of Wisconsin-Madison, USA; Email: vemuganti@neurosurgery.wisc.edu

Title of Oration:
*Targeting Epigenetics and Epitranscriptomics in
 StrokeTherapy*

PN Tandon Oration



Dr P. Sarat Chandra
 Senior Professor
 Department of Neurosurgery
 All India Institute of Medical Sciences
 New Delhi - 110 029, India; Email: saratpchandra3@gmail.com

Title of Oration:
*Situational Awareness to create a platform for
 translational research for Neurosciences*

Elected Fellows - 2023



Dr (Ms). Bindu M. Kutty
 Senior Professor
 Department of Neurophysiology
 Dean, Basic Sciences
 National Institute of Mental Health & Neurosciences
 Hosur Road, Bengaluru - 560 029, India
 Email: bindu.nimhans@gmail.com



Dr (Ms). Sheffali Gulati
 Professor
 Chief, Child Neurology Division
 Department of Pediatrics,
 All India Institute of Medical Sciences
 New Delhi - 110029, India
 Email: sheffallgulati@gmail.com



Professor Krishanu Ray
 Director
 National Brain Research Centre
 Manesar, Haryana - 122052, India
 Email: krishanu64@gmail.com



Dr SP Arun
 Professor & Chair
 Centre for Neuroscience
 Indian Institute of Science
 Bengaluru - 560 012, India
 Email: sparun@iisc.ac.in



Dr Sajikumar Sreedharan
 Associate Professor & Research Director
 Department of Physiology and Healthy Longevity
 Translational Research Programme
 National University of Singapore, Singapore
 Email: phssks@nus.edu.sg



Dr Amit Mishra
Professor
Department of Bioscience & Bioengineering
Indian Institute of Technology Jodhpur, Near
Karwar NIFT, Jodhpur – 342037, India
Email: amit@iitj.ac.in

*XLI Annual Meeting of Indian
Academy of Neurosciences –
IAN 2023 Awardees*

Tulsabai Somani Educational Trust Award –

2023

Gunjan Sharma, Department of Physiology, All India Institute of Medical Sciences, Ansari Nagar, New Delhi; **Email:**gs50389@gmail.com

Reviving Mobility: Investigating the Therapeutic Potential of Intermittent Theta Burst Stimulation (iTBS) in Spinal Cord Injured Rats

DM Kar Prize – 2023

Apoorva B. Shivakumar, Department of Cell and Molecular Biology, Manipal School of Life Sciences, Manipal Academy of Higher Education, Manipal, Karnataka; **Email:** apoorvabs18@gmail.com

Medial-Septal GABAergic neurons are essential for social memory in mice

Jyotsnamoyee-Raghunath Bhattacharya Prize – 2023

Urmilla John, School of Studies in Neuroscience, Jiwaji University, Gwalior;
Email: waniurmi666@gmail.com

Astrogliosis and associated CSPG upregulation adversely affect dendritogenesis, spinogenesis and synaptic activity in the cerebellum of a double-hit rat model of protein malnutrition (PMN) and lipopolysaccharide (LPS) induced bacterial infection; Journal of Chemical Neuroanatomy, 131 2023, <https://doi.org/10.1016/j.jchemneu.2023.102286>

Professor SS Parmar Research Foundation (USA) Award – 2023

Akash M Waghade, Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra; **Email:** akashwaghade86@gmail.com

The neuronal NOS activates SC-VTA circuitry during reversal learning behaviour impaired in schizophrenic like condition in rats

Sana Sarkar, Systems Toxicology & Health Risk Assessment Group, CSIR - Indian Institute of Toxicology Research, Vishvigyan Bhavan, 31, Mahatma Gandhi Marg, Lucknow; **Email:** sana.sarkar13@gmail.com

Metabolic rewiring during neuronal differentiation and its interplay with toxicant induced epigenetic alterations

Suttee Nag Prize – 2023

Dipak Keshav Sahare, Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra; **Email:** saharedipak555@gmail.com

Role of central amygdalar dopaminergic system in the generation of anger-like responses in rats

Jhilik Dey, Cell Biology and Physiology Division, CSIR-Indian Institute of Chemical Biology, Jadavpur, Kolkata; **Email:** jhilik9692dey@gmail.com

Targeting adult neurogenesis for hippocampal regeneration following neurodegeneration by recruitment of endogenous neural progenitors

SfN Bangalore Chapter – 2023

Devika Mahimkar, CSIR-Centre for Cellular and Molecular Biology, Hyderabad; **Email:** devika.mahimkar@ccmb.res.in

Delineating the sex-specific role of Fork head family proteins in anxiety-like phenotype using the prenatal stress mouse model

Sharavi Kulkarni, Department of Biotechnology, Savitribai Phule Pune University, Pune; **Email:**

raavi.k29@gmail.com

Orexine expressing cells in cerebellum are involved in goal-directed behaviour to seek reward

Best Paper Award from the Organizers – 2023

Anisha S. Menon, Laboratory of Axon Growth and Regeneration, Centre for Cellular and Molecular Biology, Hyderabad, Hyderabad; **Email:** anisha@ccmb.res.in

Stripe Factors for targeted epigenetic remodeling for nervous system regeneration

Devanshu Kaushik, Division of Neuroscience & Ageing Biology, CSIR- Central Drug Research Institute, Lucknow; **Email:** kaushik.devanshu42@gmail.com

Role of TGR5 in Neural Stem Cell Homeostasis

Harshini J. Anand,Jiwaji University, Gwalior; **Email:** harshini.neuro@gmail.com

Decoding Sanskrit Effect – Impact of Chanting on the Working Memory of Children

Irshikaa Sharma, Department of Life Sciences, Sophia College (Autonomous), Bhulabhai Desai Road, Mumbai; **Email:** irshikaasharma126@gmail.com

Diving into anxiety

Priya Gagansingh Thakur, CSIR-Institute of Genomics & Integrative Biology, Mathura Road, New Delhi; **Email:** pt14395@gmail.com

Development and validation of high throughput screening platform using genetic cell line model for Parkinson's disease and Gaucher Disease

Shweta, Biochemistry and Molecular Biology Laboratory, Department of Zoology, Faculty of Science, University of Delhi, Delhi; **Email:** shwetasurehag1001@gmail.com

Analysis of Tmem119 for its possible involvement in microglia functions

Vishal RL, Neuroscience Unit, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru; **Email:** vishal@jncasr.ac.in

Loss of NF1 results in cortical malformations, hydrocephalus, and motor deficits in mouse mode

IAN- 2023 Travel Awardees

IAN Travel Award

- Anurag Thapliyal**, University of Delhi, Delhi
- Himanshi Yadav**, University of Delhi, Delhi
- Jyoti Chaurasia**, University of Lucknow, Lucknow
- Nishad Keethedeth**, IUCBR&SSH, Kottayam, Kerala
- Raj Katariya**, RTMNU, Nagpur
- Arpita Soreng**, Ravenshaw University, Odisha
- Ozasvi R. Shanker**, ACBR, University of Delhi, New Delhi
- Vaishnavi Borade**, SavitribaiPhule Pune University, Pune

Ravindra and LalitaNath Travel Fellowship

- Hemant S Kanhere**, RTMNU, Nagpur
- Neha Dhiman**, Panjab University, Chandigarh
- Prekshi Garg**, Amity University, Lucknow
- Soumita Goswami**, CSIR-IICB, Kolkata
- Vishal Rajesh Lolam**, JNCASR, Bengaluru
- Rekha Koravadi Narasimhamurthy**, MAHE, Manipal
- Akash M.Waghade**, RTMNU, Nagpur Nagpur
- Akanksha Singh**, AIIMS, New Delhi

*XLII Annual Meeting of Indian Academy of Neurosciences
at National Institute of Mental Health and Neurosciences, Bengaluru, India
Awards for Young Neuroscientists*



XLII Annual Conference of Indian Academy of Neurosciences

November 11-14, 2024

Dear Colleagues,

We are pleased to invite you to the National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru, India, for the XLII Annual Meeting of Indian Academy of Neurosciences (IAN) and the International Conference on Advances In Mechanisms and Approaches to Neuro-Therapeutics (AIM-AT) aimed at discussing the rapid advances in the field of therapeutics for neuropsychiatric disorders. As a part of the scientific program, several International and National scientists have consented to deliver Plenary talks, Symposia lectures, and Invited talks on various interesting aspects of Neurosciences. There will be Orations and Young Scientist Award-Talks too! We assure you of three days of exciting scientific events!

Seize this great opportunity along with your colleagues and students to delve into cutting-edge Neuroscience and Networking!

*Welcome to Bengaluru, the Scientific and Technological hub of India!
Conference Venue: NIMHANS Convention Centre, Bengaluru - 560029.*

Organizing Secretary - Dr (Ms). Phalguni Anand Alladi, Senior Scientific Officer (Scientist 'F'), Department of Clinical Psychopharmacology and Neurotoxicology, National Institute of Mental Health and Neurosciences, Hosur Road, Bengaluru - 560 029, Karnataka, India; Email: alladiphalguni@yahoo.com

Scientific Programme

- Pre-conference workshops
- Plenary sessions
- Symposia
- Panel discussion
- Invited talks and Special lectures
- Young scientist sessions
- Poster sessions



For more detail visit - <https://sites.google.com/view/ian-24/home>

Awards for Young Neuroscientists

To encourage and recognize the contributions of young researchers working in the area of neurosciences, the Indian Academy of Neurosciences has instituted following awards /prizes -

Tulsabai Somani Educational Trust Award

For best oral presentation by the young neuroscientist below 40 years of age at the time of annual conference.

DM Kar Prize

For best oral presentation by the young neuroscientist below 35 years of age at the time of annual conference.

Jyotsnamoyee - Raghunath Bhattacharya Prize

For best published research paper in the field of neurosciences. Paper should have been published during the year of the conference or last one year of the conference.

SS Parmar Research Foundation (USA) Award

For best paper presentation in the Poster Session by young neuroscientist below 35 years of age at the time of annual conference.

Suttee Nag Prize

For best paper presentation in the Poster Session by young neuroscientist below 35 years of age at the time of annual conference.

For more details, please visit

<http://neuroscienceacademy.org.in/index.php> and click AWARDS

Individuals willing to be considered for the awards may apply directly or get themselves nominated. Further information, if any may be obtained from **Dr Pankaj Seth**, Secretary (HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; Email: pseth.nbrc@gov.in

Last date of receiving applications / nominations is Friday; August 16, 2024.

IAN Executive Committee - 2024

President Dr Vinay K. Khanna Lucknow	2024 - 2026	Members Dr (Ms). Phalguni A. Alladi Bengaluru	2022 - 2024
Vice Presidents Dr (Ms). Renu Wadhwa Tsukuba, Japan	2023 - 2024	Dr Amit Mishra Jodhpur	2022 - 2024
Dr Anirban Basu Manesar	2023 - 2025	Dr Sudip Paul Shillong	2023 - 2025
Dean Dr Rajat Sandhir Chandigarh	2024 - 2026	Dr Nixon Abraham Pune	2024 - 2025
General Secretary Dr Subhas C. Biswas Kolkata	2024 - 2025	Dr (Ms). Poonam Thakur Thiruvananthapuram	2024 - 2026
Secretary HQ Dr Pankaj Seth Manesar	2024 - 2024	Dr Aamir Nazir Lucknow	2024 - 2026
Secretary International Affairs Dr Suresh L. Mehta Madison, USA	2022 - 2024	Immediate Past President Dr Ishan K. Patro Gwalior	
Treasurer Dr Saurav Banerjee Manesar	2024 - 2025	Immediate Past General Secretary Dr Pankaj Seth Manesar	
Chief Editor Dr Akshay Anand Chandigarh	2024 - 2026		

Nominations for the Executive Committee

Nominations for the positions of Vice President (1), Secretary HQ (1), Secretary International Affairs (1) and Members (2) are invited on the prescribed format enclosed herewith. The term for these positions will be for 3 years. The nominations should be sent either to **Dr Pankaj Seth**, Secretary (HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in or to **Dr Subhas C. Biswas**, General Secretary, Senior Principal Scientist, Professor of Biological Sciences, AcSIR, Head, Project Monitoring and Evaluation, Neurodegenerative Diseases Research Laboratory, Cell Biology & Physiology Division, CSIR-Indian Institute of Chemical Biology (CSIR-IICB), 4, Raja S. C. Mullick Road, Kolkata - 700 032, India; **Email:** subhasbiswas@iicb.res.in; biswassc@gmail.com so as to reach them positively by **Friday; August 16, 2024**.

Call for Nominations for Election of Fellows - 2024

Indian Academy of Neurosciences recognizes scientists who have excelled in neurosciences by electing them Fellows. A life member of the Academy with at least 10 years of research experience in the field of neurosciences can be nominated.

Nominations on prescribed format available at the website duly proposed and supported by Fellows of Indian Academy of Neurosciences are invited along with curriculum vitae. Nominations complete in all respects should be sent to **Dr Rajat Sandhir**, Dean - Indian Academy of Neurosciences and Professor, Department of Biochemistry, Panjab University, Chandigarh - 160 014, India; **Email:** sandhir@pu.ac.in

Further, copy of the nomination papers should also be sent to **Dr Pankaj Seth**, Secretary (HQ), Scientist-VII & Senior

Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in latest by **Friday; August 16, 2024.**



INDIAN ACADEMY OF NEUROSCIENCES

Proforma for the Nomination for the Executive Committee

Nomination for the post of:.....

Name:.....

Address:.....

.....

Membership No.:.....

Proposer

Secunder

Name: _____

Name: _____

MembershipNo. _____

MembershipNo. _____

Signature _____

Signature _____

Forthcoming Meetings / Symposia / Workshops / Neuroscience School

- ❖ **2nd Edition of Neurology World Conference**
September 04-06, 2024; San Francisco, CA, USA
Website: <https://www.neurologyworldconference.com/index.php>
- ❖ **Neuroscience 2024**
October 05-09, 2024; McCormick Place Convention Center, Chicago
Website: <https://www.sfn.org/meetings/neuroscience-2024>
- ❖ **10th Edition of International Conference on Neurology and Brain Disorders (INBC 2024)**
October 21-23, 2024; Baltimore, Maryland, USA
Website: <https://neurologycongress.com/>
- ❖ **XLII Annual Meeting of Indian Academy of Neurosciences**
November 11-14, 2024; National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru, India.
Website: <https://neuroscienceacademy.org.in>



INDIAN ACADEMY OF NEUROSCIENCES

Proforma for Nomination for the Election of Fellows

1. Name:.....

2. (a) Date of Birth:.....(b) Gender: Male Female

3. Designation/Affiliation:.....

4. Address:

(a) Official:.....

(b) Residential:.....

Telephone/Mobile:.....Email:.....

4. Membership Status Yes/No
[Date of Joining Academy as Life Member]:.....

6. Qualification (Degree and Post Graduation):.....

7. Specialization / Area of research:.....

8. Significant Contributions In the field of Neurosciences
(About 200 words, Attach annexure if required)

9. Publications in the last five years
(Please give complete references and attach copies of three publications)

	<i>Proposed by</i>	<i>Supported by</i>
Name	_____	_____
Address	_____	_____
Signature	_____	_____

Note:

Proposer and Seconders should be Fellows of the Academy. Complete set of nomination and CV of the nominee should be sent to the Dean, IAN and a copy of the set to the Secretary HQ of the Academy before the last date. Soft copy of the material should also be sent positively.

Call for Nominations

BK Bachhawat Memorial Lifetime Achievement Award



Nominations for **BK Bachhawat Memorial Lifetime Achievement Award for 2024** are invited. The nominee must be a Life Member of Indian Academy of Neurosciences. He / She should have at least 10 years standing in the area of neurosciences.

The contributions in neuroscience will be judged by –

- (i) Research publications
- (ii) Recognitions, Honours and Awards
- (iii) Contributions in the growth of neuroscience in India

Nominations along with complete bio-data and supporting documents should be sent to **Dr Rajat Sandhir**, Dean - Indian Academy of Neurosciences and Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 014, India; **Email:** sandhir@pu.ac.in and a copy of the same to **Dr Pankaj Seth**, Secretary

(HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in positively by **Friday; August 16, 2024.**

KT Shetty Memorial Oration



Nominations for **KT Shetty Memorial Oration for 2024** are invited. The nominee must be a Life Member of Indian Academy of Neurosciences. He / She should have at least 10 years standing in the area of neurosciences and not above 55 years of age.

The contributions in neuroscience will be judged by –

- (i) Research publications
- (ii) Recognitions, Honours and Awards
- (iii) Contributions in the growth of neuroscience in India

Nominations along with complete bio-data and supporting documents should be sent to **Dr Rajat Sandhir**, Dean - Indian Academy of Neurosciences and Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 014, India; **Email:** sandhir@pu.ac.in and a copy of the same to **Dr Pankaj Seth**, Secretary

(HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in positively by **Friday; August 16, 2024.**

SS Parmar Oration



Nominations for **SS Parmar Oration for 2024** are invited. The nominee must be a Life Member of Indian Academy of Neurosciences. He / She should have at least 10 years standing in the basic / allied area of neurosciences.

The nominations should clearly indicate –

- (i) Research publications
- (ii) Recognitions, Honours and Awards
- (iii) Contributions in the growth of neuroscience in India

Nominations along with complete bio-data and supporting documents should be sent to **Dr Rajat Sandhir**, Dean - Indian Academy of Neurosciences and Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 014, India; **Email:** sandhir@pu.ac.in and a copy of the same to **Dr Pankaj Seth**, Secretary

(HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in positively by **Friday; August 16, 2024.**

PN Tandon Oration



Nominations for **PN Tandon Oration for 2024** are invited. The nominee must be a Life Member of Indian Academy of Neurosciences. He / She should have at least 10 years standing in clinical neurosciences.

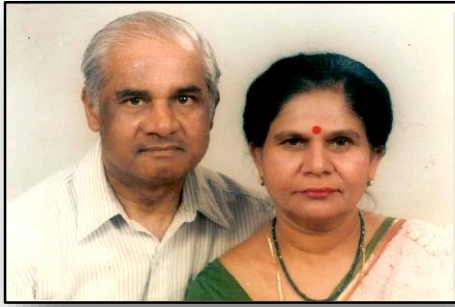
The nominations should clearly indicate –

- (i) Research publications
- (ii) Recognitions, Honours and Awards
- (iii) Contributions in the growth of neuroscience in India

Nominations along with complete bio-data and supporting documents should be sent to **Dr Rajat Sandhir**, Dean - Indian Academy of Neurosciences and Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 014, India; **Email:** sandhir@pu.ac.in and a copy of the same to **Dr Pankaj Seth**, Secretary

(HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in positively by **Friday; August 16, 2024.**

IAN - Lalita and Ravindra Nath International Travel Awards



Applications are invited for the **IAN-Lalita and Ravindra Nath International Travel Awards** from researchers working in neurosciences intending to present a paper at a neuroscience conference or attend neurosciences schools/training workshops outside India.

Criteria and Guidelines

1. Applicant should be the first author on the selected abstract, presenting their work as a talk or poster at an international neuroscience conference or selected for a neuroscience workshop and be an IAN member at the time of application.
2. Applicant should be at an advanced stage of pursuing research in neuroscience in a national laboratory or UGC recognized university as a Ph.D. candidate or a post-doctoral fellow (PDF) (awarded Ph.D. degree within the last 2 years from the application deadline).
3. Applicant should have a strong scholastic record and the application should be supported by two recommendation letters, including one from the Ph.D. supervisor.
4. Applicant should provide a paragraph to describe the scientific questions being pursued and as to how the conference/school/workshop will help in their research (within 200 words).
5. The application will be reviewed by a committee, and two awards will be announced 4 weeks after the last date of application.
6. Preference will be given to researchers (Ph.D. students or PDF) attending the FAONS conference or neuroscience school / training workshops / conference in the Asian region and conference or workshop in other regions of the globe.

What the award will cover?

1. A bursary up to INR 50,000 (Rupees Fifty Thousand Only) will be provided to the selected candidates to cover partial expenses towards their registration, travel, boarding and lodging.
2. Total amount will be a maximum of INR 50,000 (Rupees Fifty Thousand Only) per award and will include a certificate signed by the President of the IAN.
3. Award money will be disbursed on return to India and after providing proof of participation (Participation certificate / picture at the meeting during talk / poster session), travel tickets (attested copy by the Head of Department; HOD), receipts of registration and accommodation charges (attested copy by HOD) and a brief report of the conference /school /workshop.

How to apply?

Prepare following documents in MS Word or PDF and submit online

1. Details of conference/workshop applicant wishes to attend.
2. Copy of the abstract and its acceptance for the neuroscience meeting. In case of neurosciences schools/training workshops, copy of the selection letter.
3. Curriculum vitae, including list of papers and abstracts presented in meetings.
4. Scan of recommendation letters including one from the supervisor.
5. Statement as to how participation in the event will be helpful to the applicant (within 200 words)

Deadline for receiving Applications: Friday; August 16, 2024.



INDIAN ACADEMY OF NEUROSCIENCES

MEMBERSHIP FORM

I wish to become a member of the Indian Academy of Neurosciences. I have read the Rules and Byelaws / Constitution of the Academy and agree to abide by it.

1. Sur Name:.....First Name:.....Middle Name:.....

2. Educational Qualification:.....

3. Designation / Affiliation:.....

4. Official Address:.....

Tel:.....Fax:.....Email:.....

5. Residential Address:.....

.....

.....

Tel:.....Cell number:.....

6. Are you actively engaged in work related to neurosciences: Yes No

7. Field of specialization:.....

8. Type of membership* desired (Tick or circle the appropriate one)

I. Life Member

II. Associate Life Member

III. Associate Member

(DD / Cheque Number:.....Drawn on Bank.....Date.....)

9. Nominated by:.....

Name & Membership No:.....

Address:.....

.....

.....

Signature of the applicant

Signature of the proposer

Note:

1. Admission fees Rs. 50/- additional shall be charged for secretarial purpose and included in the fee.
2. Subscription fees* for Life Membership and Associate Life Membership is Rs. 4000/-, Associate Membership is Rs. 500/-.
3. Category of Associate Life Membership will be upgraded to Life Membership once the candidate submits his / her Ph.D. certificate.
4. Associate Membership is valid for one calendar year and shall become due on the 1st of January each year.
5. Payment in cash/ DD or local cheque drawn in favour of Treasurer, Indian Academy of Neurosciences" payable at Lucknow should be sent along with the duly completed form at the following address.

DrSaurav Banerjee
Scientist-VI & Professor
Treasurer, Indian Academy of Neurosciences
National Brain Research Center (NBRC)
NH-8, Manesar, Gurgaon
Haryana-122 052, India
Email: sourav@nbc.ac.in; souravnbc@ gmail.com

6. Online NEFT transfer may also be made as per following details,

Punjab & Sind Bank, Branch: Hazratganj, Lucknow with IFSC Code PSIB0000166, Branch code:L0166&Account No. 01661000050015, It is mandatory to enclose the online transaction printout of successful NEFT Transfer for verification.

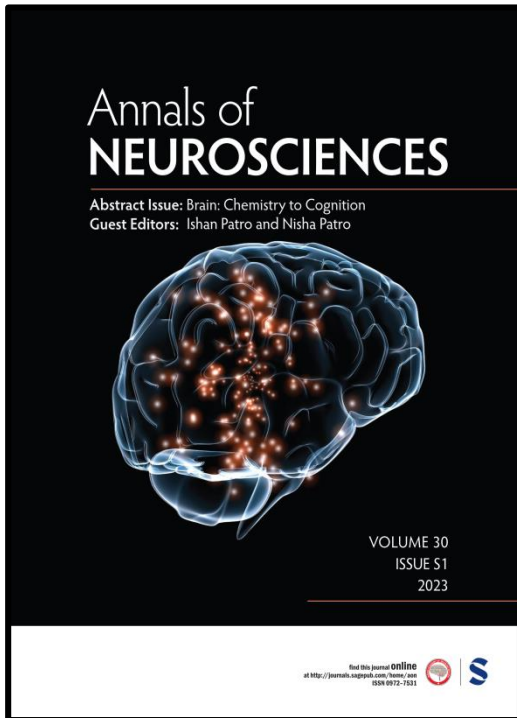
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Membership No.Type of Membership..... Subscription Details.....

DD / ChequeNumber:.....Drawn on Bank.....Date.....OR

Receipt No.....Date.....(if payment made in cash).....

Date.....Treasurer's Signature.....



Impact Factor: 1.5 / 5-Year Impact Factor: 2.3

Editor-in-Chief

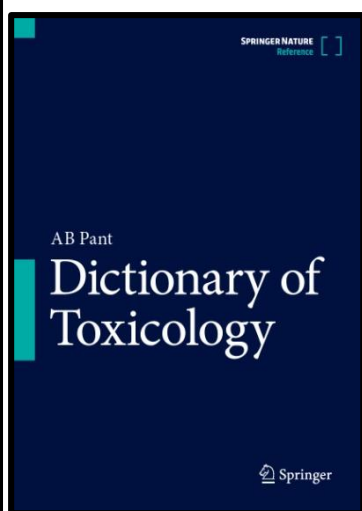
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Call for Proposals to hold Next IAN Meeting

Proposals to host **annual meeting of Indian Academy of Neurosciences (IAN) in 2026 and 2027** are invited. The venue should have the facility to hold 3 parallel scientific sessions (accommodating ~ 100 delegates) and an auditorium with capacity to seat ~ 300 delegates for major events such as inauguration, plenary talks and keynote lectures. Details on accommodation facility in guest houses, hotels of different range for national / international delegates (faculty, students, post-docs) and connectivity by rail, road and air for delegates to the venue should be included. The proposal may also list earlier experience of handling national and international meetings and participation in IAN meetings.

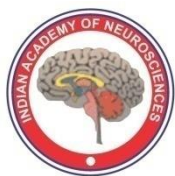
A written proposal with a brief background duly forwarded by the head of the institution / competent administrative authority mentioning the availability of infrastructure in their institute (at the venue) may be sent to **Dr Pankaj Seth**, Secretary (HQ), Scientist-VII & Senior Professor, Molecular and Cellular Neuroscience, Neurovirology Section, National Brain Research Centre (NBRC), NH-8, Nainwal Mode, Manesar, Gurugram, Haryana - 122 051, India; **Email:** pseth.nbrc@gov.in The deadline for submitting the proposal is **Friday; August 16, 2024.**



The Dictionary of Toxicology provides curated and authentic information on the terminologies used with their description as per modern toxicology and associated declines. It aims to have a collection of over 3500 terminologies with their basic information and roles with relevance in toxicology and associated disciplines in alphabetical order.

The dictionary has information with a practical understanding of the subject for researchers of toxicology, pharmacy, pharmacology, medical and dental sciences, veterinary sciences, life sciences, forensic sciences, etc. Besides, it will be of immense use for personnel working in academia, pharma industries, contract research organizations involved in regulatory studies, regulatory agencies and implementing agencies, and people having an interest in toxicological sciences.

The dictionary has been brought out by Dr AB Pant, Senior Principal Scientist and Professor - Academy of Scientific & Innovative Research (AcSIR), CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow, India. Dr Pant is an elected Fellow of Indian Academy of Neurosciences



Address for Correspondence

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