

Neurosciences Newsletter

House Magazine of

INDIAN ACADEMY OF NEUROSCIENCES

(Registered Under Societies Registration Act XXI 1860 Regn. No. 79106)

May 2015

Message from the President



Dear Colleagues,

Greetings to all the members of IAN from the desk of the President! It is a great pleasure to highlight some of the recent achievements of IAN. The past year has recorded a further increase in the number of IAN members. The annual meeting of the Academy at NIMHANS, Bengaluru was a great success and was scientifically enriching experience for national and international participants. The delegates touched upon the translational aspects of basic neuroscience and deliberations were of high quality and substance.

The local chapters have been active, and the Lucknow and Bangalore chapters in particular were very enthusiastic in organising scientific lectures and sessions and also training programmes. It is important that other local chapters organize such activities that would help in increasing the foot print of the Academy. The outreach program of IAN has been quite successful in spreading the awareness among the young children by interaction of school children with leading neuroscientists in the country. The Academy plans to expand its outreach programs to several cities to reach out general public as well as more school children through partnership with institutions and individuals that are carrying out brain research. National Brain Research Centre would continue to foster and sponsor Brain Research Programs in various cities through its partnership with IAN. In past years, the visibility of the Academy has steadily increased through an updated website and readership of its official journal Annals of Neurosciences. I feel pride in announcing that the untiring efforts of the editor and high standards maintained by the editorial board have helped the journal being accepted for indexing in PubMed. I believe that this will further help in improving the quality of submitted manuscripts and increase the readership globally. However, this is just a start and after the long awaited first step, we will now start climbing to greater heights with even more enthusiasm and confidence.

Different aspects of neuroscience are being developed all over the country and every discipline brings its own unique perspective to our understanding of the brain and its functions. Whether it is departments specializing in molecular and cell biology, zoology, physiology, immunology, toxicology, medical and engineering institutions, computational biology or neuroimaging (I am sure I have left out several!), everybody has their own unique viewpoint that contributes to the whole. However we do not talk to each other, and even in multidisciplinary meetings most of our interactions are with people most like ourselves. An example of what is worrying is the vast gap between psychology (which is taught as a separate subject in schools) and what we conventionally tend to understand by neuroscience - though there are some brave cognitive science departments trying to fill this gap. Our understanding and the quality of research will be greatly enriched if we make an attempt to look beyond our immediate horizon and try to make even a small dent in how we can increase our insight of the vast complexity that characterises brain function. Another area is the handling of big data- very few of us (that includes myself) are aware of the immense possibilities that it offers. The vast and complex clinical material available in India is also calling out for novel creative approaches and interpretations.

At a more concrete level, there is an urgent need to organize more workshops and hands-on-training camps on neuroscience related concepts and techniques and to strengthen the overall research infrastructure for neuroscience research in the country. IAN is also planning to initiate an advocacy program for sensitizing the policy makers and legislators for increasing the research resources in the country. We at IAN, look forward to the constant support of all our members.

Professor Subrata Sinha
President
Indian Academy of Neurosciences

Report

Dear Friends,



Vinay K. Khanna, Ph.D.
Secretary, HQ



Pankaj Seth, Ph.D.
General Secretary

*We express gratitude to the members who actively participated in the XXXII Annual Conference of Indian Academy of Neurosciences organized along with International Symposium on Translational Neuroscience from November 1-3, 2014 at Bengaluru. The theme of the conference was **Translational Research: Novel Approaches to Treat Neurological and Psychiatric disorders**. The conference was scientifically rich in its contents and the organizers did a commendable job. The scientific proceedings started with the Keynote Lecture by Professor V Mohankumar, Sree Chitra Tirunal Institute of Medical Sciences and Technology, Thiruvananthapuram. There were 9 Plenary Lectures delivered by the pioneers in neurosciences from India and abroad. The scientific programme included Symposia, Orations, Award Sessions, Poster Sessions. An interactive meet with school children was also arranged to spread brain awareness and ignite young brains to pursue brain research in the challenging areas. This year's annual meet was a grand congregation of basic and clinical neuroscientists from India and abroad. Continuing the tradition of the Academy, the delegates discussed the advances in neuroscience research and covered important topics like – Molecular aspects of stroke research, Neural basis of addiction, Neurobiology of Alzheimer's disease, Parkinson's disease and Schizophrenia, Neuroimaging tools for brain disorders, Neuroinfections, Molecular and cellular basis of neurodegeneration and neuroprotection, Developmental neurobiology, Neuroplasticity and repair. A Special Symposium on Exploring the Horizons - Careers Beyond Academic Research was also organized and was well attended. The General Body meeting was held on November 1, 2014 at NIMHANS Auditorium, Bengaluru.*

We encourage participation of young and enthusiastic neuroscientists through local chapters across the country and foster awareness about brain related disorders to general population. The Academy partners with the National Brain Research Centre, Manesar and organizes brain awareness camps. IAN engages with the children and neuroscientists in interactive sessions every year to create bridges between advances in brain research and common man. It was felt that in addition to the annual meeting of IAN, theme based symposia and technical workshops must be organized throughout the year. The local chapters may also take the opportunities available with IAN headquarters to reach out to schools, colleges and masses to spread the achievements of brain research. At international front, Japan Neuroscience Society has partnered with IAN to identify bright and meritorious young neuroscientists and invited nominations for IAN students and postdoctoral fellows to sponsor their participation at the 38th Annual Meeting of the Japan Neuroscience Society at Kobe from July 28-31, 2015. Such joint initiatives reflect recognition of IAN in the globe. Last year, four young researchers availed travel awards and attended 37th Annual Meeting of the Japan Neuroscience Society. IAN has also initiated an International travel fellowship to facilitate the participation of deserving students and postdoctoral fellows who want to attend conferences and workshops outside India.

The XXXIII annual conference of Indian Academy of Neurosciences will be held at Panjab University, Chandigarh from October 31 - November 2, 2015. The organizing secretary, Professor Rajat Sandhir will soon be sharing the details of the conference. Pre-conference workshops supported by IBRO-APRC are also being organized at Varanasi and Chandigarh. Details of these workshops are mentioned in the newsletter under the column forthcoming meetings / workshops. We look forward for your presence and active participation in the conference. We invite proposals for holding symposia / workshops during the IAN conference at Chandigarh and your suggestions for making it a scientific enriching event. Nominations for electing fellows and executive members are also invited. You may send the proposal / nomination before the June 30, 2015. The academy continues to keep the contents of the website updated and feels pride in sharing the scientific achievements of its members, we request you to share information on your achievements/ honours/ awards for inclusion in the next issue of the Newsletter and to update on the IAN website. Change(s) in address/emails, if any may be informed to Dr. A. K. Agrawal, Treasurer, aka33@rediffmail.com of the Academy to update in the Membership Directory. We extend our best wishes for a prosperous and productive 2015.

Vinay K. Khanna,

Pankaj Seth

Congratulations!!



Newly Elected Honorary Fellow

Dr. K. Vijay Raghavan

Secretary
Department of Biotechnology (DBT)
6th – 8th Floor, Block 2
CGO Complex, Lodhi Road
New Delhi - 110 003, India



Newly Elected Fellow

Dr (Ms). Renu Wadhwa

Gene Function Research Centre
National Institute of Advanced Industrial Science and Technology
(AIST), 1-1-1 Higashi, Tsukuba,
Ibaraki 305-8562, Japan

Professor Mahdi Hasan Memorial Lecture – 2014

Professor S.K. Shankar

Professor Emeritus of Neuropathology
National Institute of Mental Health and Neuro Sciences
Bengaluru – 560 029, India

***Title of the Lecture:** Understanding Neuroscience through the
Looking Glass of Human Anatomical Pathology*



*Professor S.K. Shankar receiving the
memento from Professor P.K. Seth*

Honours and Awards to the IAN Members

Dr. Prahlad K. Seth, CEO, Biotech Park, Lucknow has been conferred with **Dr. B.K. Anand Oration** by the National Academy of Medical Sciences, India.

Dr. Gautam Palit, Medical Officer and Ex-Head, Division of Pharmacology, CSIR – Central Drug Research Institute, Lucknow received **Uvnas Award and Gold Medal** at the 47th Annual Conference of Indian Pharmacological Society (IPSCON – 2014) held at Guwahati Medical College, Guwahati from December 27 – 30, 2014. He also received the prestigious **CDRI Oration Award – 2015** of Indian Pharmacological Society for his outstanding contributions in medical sciences / pharmacology.

Dr. Akshay Anand, Additional Professor, Department of Neurology, PGIMER, Chandigarh has been selected for the prestigious **Amrut Modi Award** by Indian Council of Medical Research, New Delhi.

Dr. P. Satishchandra, National Institute of Mental Health and Neuro Sciences, Bengaluru bestowed with BK Bachhawat Lifetime Achievement Award - 2014



**Professor P. Satish Chandra
receiving the memento from
Professor S. Sinha**

Title of the Oration: Translational Research in Epilepsy : Our Experience

Dr. P. Satishchandra is heading the prestigious National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru as Director / Vice Chancellor since June 29, 2010. His efforts resulted in getting the status of "Institute of National Importance" to NIMHANS by act of parliament in September 2012. He is member of teaching faculty in the Department of Neurology for more than 32 years at NIMHANS and as 'Professor of Neurology' for 14 years. He is currently working as 'Senior Professor of Neurology'.

After completing D.M. (Neurology) from NIMHANS in 1981, he was invited to be a faculty in the Department of Neurology in 1982 at NIMHANS, Bengaluru. Prof. Satishchandra was selected as an 'International Neuro Sciences Fellow' at NINDS, National Institute of Health, Bethesda for 1 year. The fellowship was sponsored by WHO – Fogarty – NIH. Later, he was awarded 'Senior Visiting Fellowship' at 'Raymond Way Research Group' at Institute of Neurology, Queen Square, London, UK for six months from November 1999 – 2000.

His area of interest is Epilepsy, Electroencephalography and Evoked potentials, Neuroepidemiology and Neuroinfections including Neuro-AIDS. He is Fellow of Indian Academy of Neurology (1998), National Academy of Medical Sciences (2003), Royal College of Physicians, London (2013). He is also the recipient of several prestigious awards including Prof. Basanthi Devi Amir Chand ICMR Award for Bio Medical Scientist – 2013; Asia Oceanian Outstanding Achievement Award in Epilepsy from CAO, ILAE (October, 2010), Sir C.V. Raman Young Scientist Award by Karnataka State Government for research in Epilepsy (1998), ICMR award for Neurology (Research in Epilepsy) (1998), Young scientist award at International Epilepsy Congress at Oslo, Norway (1992), Sir J.C. Bose Award for contribution in the field of Neurology (2012). He has been the President of Indian Academy of Neurology (2011-12), Indian Epilepsy Society (2014-16) and Karnataka Neurosciences Academy (2012 - 2014). Prof Satishchandra has over 241 publications to his credit including 52 reviews / book chapters. He has also edited seven monographs including one on Epilepsy and one on Techniques in Neurosciences and two in Neuroepidemiology.

Dr. B.S. Shankaranarayana Rao, National Institute of Mental Health and Neuro Sciences, Bengaluru bestowed with with KT Shetty Memorial Oration - 2014



**Professor BSS Rao receiving the
memento from Dr (Ms). V. Shetty
and Professor M.K. Thakur**

Title of the Oration: The Ever Changing Brain: New Challenges in Treating Brain Disorders

Dr. BS Shankaranarayana Rao obtained his M.Phil. and Ph.D. degree in Neurophysiology from the National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru. After completing his Postdoctoral training at National Center for Biological Sciences, Bengaluru and specialized training in Electrophysiology from Woods Hole, USA, he joined NIMHANS in 2002. Dr. Rao is presently working as Additional Professor of Neurophysiology at NIMHANS, Bengaluru.

Dr. Rao's laboratory is primarily interested in exploring the (i) cellular and molecular mechanisms of learning and memory, (ii) amelioration of stress, anxiety, depression, hypoxia, aging and epilepsy-induced cognitive deficits, (iii) activation of resident stem cells in the adult brain and its implications for treating brain disorders, (iv) synaptic plasticity and brain repair mechanisms in knockout and transgenic mouse models of neurological and psychiatric disorders and (v) drug development to treat Fragile X mental retardation and autism. Dr. Rao's group has recently discovered that sustained modulation of serotonergic and noradrenergic systems completely restores the endogenous depression induced cognitive deficits. The most significant discovery is that low dose combination treatment with serotonergic and noradrenergic reuptake inhibitor antidepressants are best suited for treatment since it does not cause any side effects and no relapse of depressive symptoms. His studies also demonstrated that activation of resident stem cells in the adult brain by social enrichment and pharmacological manipulations could restore cognitive deficits associated with stress and depression.

Dr. Rao's collaborative research with Nobel Laurates Prof. Susumu Tonegawa and Prof. Eric Kandel and other collaborations with Prof. Bruce McEwen and Prof. Mark Bear demonstrated the role of p-21 activated kinase in synaptic plasticity and memory consolidation, and alteration of this molecule could rescue the symptoms of fragile X mental retardation. His studies established the functional role of presenilins in the regulation of synaptic plasticity mechanisms and age-dependent neurodegeneration and associated memory impairment. The path breaking discovery of correcting mental retardation and autism symptoms by manipulating glutamate signaling is being translated in developing drugs for treatment of mental retardation and autism.

Dr. Rao is elected Fellow of Society for Applied Biotechnology and is a recipient of several international and national awards including Sir CV Raman Young Scientist Award (2012), INSA Young Scientist Award (1997), Prof. Baldev Singh Oration Award (2009), B.K. Anand Research Prize (1995), Karnataka Padmabhushana Award (2013), Vaidyakiya Ratna Award (2011) and Vignana Ratna Puraskar (2005). He is also a recipient of several International and National fellowships, research and travel grants.

Congratulations!!

Tulsabai Somani Educational Trust Award – 2014

Anu Mary Varghese, Department of Neurophysiology, National Institute of Mental Health & Neurosciences, Bengaluru – 560 029; *Chitortiosidase, a putative biomarker of Amyotrophic Lateral Sclerosis intercedes neurodegeneration in spinal motor neurons via neuro-inflammation*

Dr. D.M. Kar Prize – 2014

Nabila Ibrahim Sorathia, Department of Life Sciences, Sophia College, Mumbai – 400 026; *Differential role of HIF-1 in diverse behavioural responses to hypoxic stress in *Caenorhabditis elegans**

Jyotsnamoyee Raghunath Bhattacharya Prize – 2014

Shasi Kant Tiwari, Developmental Toxicology Division, CSIR – Indian Institute of Toxicology Research, Lucknow – 226 001; *Curcumin-Loaded Nanoparticles Potently Induce Adult Neurogenesis and Reverse Cognitive Deficits in Alzheimer's Disease Model via Canonical Wnt/ β -Catenin Pathway*

S.S. Parmar Research Foundation (USA) Prize – 2014

Prosenjit Pal, S.N. Pradhan Centre for Neurosciences, University of Calcutta, Kolkata – 700 020; *Role of Apolipoprotein E (APOE) and brain derived neurotrophic factor (BDNF) in Parkinson's disease – A case-control study from East India*

Shubhrajit Roy, S.N. Pradhan Centre for Neurosciences, University of Calcutta, Kolkata – 700 020; *Role of GCH1 polymorphism among Indian Parkinson's disease and dystonia patients*

Best Paper Award from the Organizers – 2014

Ajay Kumar Nair, Department of Neurophysiology, National Institute of Mental Health & Neurosciences (NIMHANS), Hosur Road, Bengaluru – 560 029; *Quick and easy meditation: rapid state changes in rajayoga practitioners*

Ratna Jyothi, Department of Neurophysiology, National Institute of Mental Health & Neurosciences, Bengaluru – 560 029; *Theta and lower alpha as markers of greater meditation proficiency: A study on Vipassana Meditators*

Bhanu P. Tewari, Department of Biophysics, National Institute of Mental Health & Neurosciences, Bengaluru – 560 029; *Astrocytic purinergic signalling modulates Epileptiform activity in Hippocampus*

Kumari Anshu, Department of Neurophysiology, National Institute of Mental Health & Neurosciences, Bengaluru – 560 029; *Altered attentional abilities in a rat model of autism spectrum disorder*

Pankaj S. Ghate, Cellular and Molecular Neurosciences Division, National Brain Research Centre, Manesar – 122 051; *Alteration of death stimulating factors to increased beta amyloidopathy in Tg (APPswePSEN1 Δ E9) mouse model of Alzheimer's disease*

Suraiya Saleem, Cell Biology & Physiology Division, CSIR-Indian Institute of Chemical Biology, Kolkata – 700 032; *TRB3 induced autophagy causes neuronal death evoked by β -amyloid*

Ravindra & Lalita Nath Memorial Travel Fellowship - 2014



1. **Ms. Ajita Trivedi**, Amity University Campus, Malhaur (Near Railway Station), Gomti Nagar Extension, Lucknow – 226 028
2. **Dr. Anirban Ganguly**, Institute of Post Graduate Medical Education and Research, 244 A.J.C Bose Road, Kolkata - 700 020
3. **Ms. Oishimaya Sen**, Institute of Post Graduate Medical Education and Research 244 A.J.C Bose Road, Kolkata - 700 020
4. **Ms. Upasana Ganguly**, Institute of Post Graduate Medical Education and Research 244 A.J.C Bose Road, Kolkata - 700 020
5. **Ms. Nabila Sorathia**, Sophia College, Bhulabhai Desai Road, Mumbai – 400 026
6. **Ms. Neha Shinde**, Sophia College, Bhulabhai Desai Road, Mumbai – 400 026
7. **Ms. Leander Rodrigues**, Sophia College, Bhulabhai Desai Road, Mumbai – 400 026
8. **Ms. Aisha Zakaria**, Sophia College, Bhulabhai Desai Road, Mumbai – 400 026

Next IAN Conference at Chandigarh

The XXXIII annual conference of Indian Academy of Neurosciences will be held from October 31 – November 2, 2015 at Panjab University, Chandigarh. Dr. Rajat Sandhir is the Organizing Secretary. The details of the conference will be updated soon on the IAN website www.neuroscienceacademy.org.in. Suggestions, if any for the conference may be sent to Dr. Rajat Sandhir on the following address by **June 30, 2015**.

Dr. Rajat Sandhir
Professor, Department of Biochemistry
Panjab University
Chandigarh – 160 012
Email: sandhir@pu.ac.in

Call for Proposals for Symposia

Proposals for symposia and workshops on cutting edge areas of neuroscience are invited for consideration for XXXIII annual conference of Indian Academy of Neurosciences at Chandigarh. The duration of the symposium / workshop should be around 2 hours with 4-5 presentations of 20 minutes by the experts in the area. A written proposal not exceeding 2 pages with background and rationale alongwith list of speakers (include speakers from India also) be forwarded to the Organizing Secretary (Dr. Rajat Sandhir) and a copy of the same to Dr. Vinay K. Khanna, Secretary HQ latest by **June 30, 2015**. Suggestions, if any for the programme may also be forwarded.

Awards for Young Neuroscientists

To recognize the contributions of young researchers working in the area of neurosciences and encourage them, 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 annual conference).

Dr. D.M. Kar Prize (For best oral presentation by the young neuroscientist below 35 years of age at the annual conference).

Professor S.S. Parmar Research Foundation USA Prize (For best poster presentation by young neuroscientist below 35 years of age at the annual conference).

Jyotsnamoyee - Raghunath Bhattacharya Prize (For published research paper in the field of basic neurosciences. Paper should have been published during the past 2 years).

Individuals willing to be considered for the awards may apply directly or get themselves nominated. The details of the awards are on the IAN website. Further information, if any may also be obtained from Dr. Vinay K. Khanna, Secretary HQ and Principal Scientist, CSIR – Indian Institute of Toxicology Research, MG Marg, Lucknow – 226 001, Email <neuroscienceacademy@gmail.com> **Last date of receiving nominations is July 31, 2015.**

Nominations for Fellowship

The Academy 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, proposed and supported by two Fellows of the Academy are invited alongwith curriculum vitae. A soft copy and two hard copies of nomination complete in all respects should be sent to Dr (Ms). Shashi B. Singh, Dean, Indian Academy of Neurosciences and Director, Defence Institute of Physiology and Allied Sciences (DIPAS), Lucknow Road, Timarpur, Delhi – 110 054, Email <drshashisingh@gmail.com>

Soft and hard copy of the nomination papers should also be sent to Dr. Vinay K. Khanna, Secretary HQ and Principal Scientist, CSIR – Indian Institute of Toxicology Research, MG Marg, Post Box No. 80, Lucknow – 226 001, Email <neuroscienceacademy@gmail.com> latest by **July 31, 2015**.

Important - Complete set of nomination papers along with CV (2 sets) should be sent to the Dean and a copy of the same to the Secretary HQ before the last date. Soft copy of the material in CD should also be sent along positively. Incomplete nominations will not be entertained. Nominations received after the last date will be considered next year.

Travel Fellowships / Awards

Applications are invited for Ravindra and Lalita Nath Memorial Travel Fellowships, IAN Travel Fellowships and John Miller Travel Awards. Students and young researchers below 35 years of age presenting a paper at the annual conference at Chandigarh are eligible to app. The fellowships / awards will be available on competitive basis.

Travel fellowships consisting of actual travel reimbursement by AC 3-Tier or up to the maximum of Rs. 5,000/- (Rupees Five thousand only) will be awarded. There will be 4 travel fellowships each in case of Ravindra and Lalita Nath Memorial Travel Fellowship and IAN Travel Fellowships. In case of John Miller Travel Award, upto two travel awards consisting of actual travel reimbursement by AC 3-Tier or up to the maximum of Rs. 2,500/- (Rupees Two thousand five hundred only) will be awarded. Applications duly forwarded by Supervisor / Head alongwith abstract of the paper may be sent to the Organizing Secretary Dr. Rajat Sandhir, Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 012, Email: <sandhir@pu.ac.in> Copy of the application and abstract should also be sent to The Treasurer Dr. A.K. Agrawal, CSIR – Indian Institute of Toxicology Research, MG Marg, Post Box No. 80, Lucknow – 226 001, Email <aka33@rediffmail.com>. Last date of receiving applications is **July 31, 2015**.

New Executive Committee

President Dr. Subrata Sinha Manesar	Tenure 2015 - 2017	Members Dr (Ms). Laxmi T. Rao Bangalore	Tenure 2013 - 2015
Vice Presidents Dr. Subhash C. Pandey Chicago, USA	2013 - 2015	Dr (Ms). Vidita Vaidya Mumbai	2013 - 2015
Dr. Sasanka Chakraborty Kolkata	2014 - 2016	Dr Rajat Sandhir Chandigarh	2014 - 2016
Dean Dr. (Ms). Shashi B. Singh New Delhi	2015 - 2017	Dr. T.S. Roy New Delhi	2014 - 2016
General Secretary Dr. Pankaj Seth Manesar	2014 - 2016	Dr (Ms). Manorama Patri Cuttack	2015 - 2017
Secretary HQ Dr. Vinay K. Khanna Lucknow	2013 - 2015	Dr. Shyam Diwakar Cochin	2015 - 2017
Secretary International Affairs Dr. Debomoy K. Lahiri Indianapolis, USA	2013 - 2015	IBRO and FAONS Representative Dr. Prahlad K. Seth Lucknow	-
Treasurer Dr. Ashok K. Agrawal Lucknow	2014 - 2016	Immediate Past President Dr. Mahendra K. Thakur Varanasi	-
Chief Editor Dr. Akshay Anand Chandigarh	2015*	Immediate Past General Secretary Dr Mahendra K. Thakur Varanasi	-

Forthcoming Meetings / Symposia / Workshops

IBNS 24th Annual Meeting, June 2 – 7, 2015, Victoria Conference Centre, Victoria, British Columbia, Canada

Website: <http://www.ibnsconnect.org/ibns-2015-annual-meeting>

9th IBRO World Congress on Neuroscience, July 7 – 11, 2015, Sulamerica Convention Center, Rio de Janeiro, Brazil

<http://www.ibro2015.org/>

38th Annual Meeting of the Japan Neuroscience Society, July 28 – 31, 2015, Kobe Convention Centre, Port Island, Kobe International Conference Centre, Japan

Website: <http://www.neuroscience2015.jnss.org/e/outline.html>

ASEAN Neuroscience 2015, July 30 – 31, 2015, Suntec Singapore International Convention & Exhibition Centre, 1 Raffles Boulevard, Suntec City, Singapore

Website: <http://www.aseanneuroscience2015.sg/>

25th Meeting of the International Society for Neurochemistry, August 23 – 27, 2015, Cairns, Australia

Website: <https://www.neurochemistry.org/biennial-meeting/isn-2015-biennial-meeting.html>

IBRO-APRC School in Neuroscience, September 5 – 20, 2015, Banaras Hindu University, Varanasi – 221 005

Dr. M.K. Thakur, Professor, Department of Zoology, Banaras Hindu University, Varanasi – 221 005, India

Email: mktian2007@gmail.com

Fall Brain Conference: October 11 – 14, 2015, Moltkes Palæ - Copenhagen, Denmark

Website: <https://www.brain@fens.org>

SfN's 45th Annual Meeting, October 17 – 21, 2015, Chicago

Website: <http://www.sfn.org/annual-meeting/neuroscience-2015>

IBRO-APRC School on Mitochondria and Neurodegeneration, October 26 – 30, 2015, Panjab University, Chandigarh-160014

Dr. Rajat Sandhir, Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 014, India

Email: sandhir@pu.ac.in; ibrochandigarh@gmail.com

XXXIII Annual Conference of Indian Academy of Neurosciences, October 31 - November 2, 2015, Panjab University, Chandigarh – 160 014

Dr. Rajat Sandhir, Professor, Department of Biochemistry, Panjab University, Chandigarh – 160 014, India

Email: ibrochandigarh@gmail.com; ian2015chandigarh@gmail.com

IBRO / APRC Workshop - From Bench to Bedside: Translational Neuroscience Research in Healthy Brain Aging and Neurological Disorders, December 14 – 20, 2015, University of Sri Jayewardenepura, Sri Lanka

Professor Ranil De Silva, Department of Anatomy, Faculty of Medical Sciences, University of Sri Jayewardenepura Nugegoda, Sri Lanka, Email: ranil@sjp.ac.lk

Nominations for B. K. Bachhawat Memorial Life Time Achievement Award & KT Shetty Memorial Oration

Nominations for **B. K. Bachhawat Memorial Life Time Achievement Award** and **KT Shetty Memorial Oration** for 2015 and 2016 are invited. The nominee must be a Fellow / Life Member of the Indian Academy of Neurosciences. He/ She should have at least 10 years standing in the area of Neurosciences. The contributions in Neuroscience in India will be judged by (i) Research publications (ii) Honours and Awards and (iii) Contributions in the growth of Neuroscience in India.

Nominations along with complete Bio-data and supporting documents should be sent to Dr (Ms). Shashi B. Singh, Dean, Indian Academy of Neurosciences and Director, Defence Institute of Physiology and Allied Sciences (DIPAS), Lucknow Road, Timarpur, Delhi-110 054, Email <drshashisingh@gmail.com> and a copy of the same to Dr. Vinay K. Khanna, Secretary HQ and Principal Scientist, CSIR – Indian Institute of Toxicology Research, MG Marg, Lucknow – 226 001, Email <neuroscienceacademy@gmail.com> positively by **July 31, 2015**.

Nominations received after the last date will be considered next year.

Nominations for the Executive Committee

Nominations for the positions of Vice President (1), Secretary HQ (1), Secretary International Affairs (1), Chief Editor (1) and Members (2) are invited on the prescribed format enclosed herewith. The term for the position of Chief Editor will be 2 years while 3 years for others. The nominations should be sent either to Dr. Vinay K. Khanna, Principal Scientist, Developmental Toxicology Division, CSIR - Indian Institute of Toxicology Research, MG Marg, Lucknow – 226 001, Email <neuroscienceacademy@gmail.com> or to Dr. Pankaj Seth, Additional Professor, National Brain Research Centre, NH 8, Nainwal Road, Manesar – 122 051, Email <pseth@nbric.ac.in> so as to reach them positively by **July 31, 2015**.



INDIAN ACADEMY OF NEUROSCIENCES

Format for Nomination for Annual Election

Nomination for the post of:

Name:

Address:

Membership No.:

Proposer:

Name:

Membership No.:

Signature

Seconder:

Name:

Membership No.:

Signature

Note: Proposer and Seconder should be the member of IAN. Last date of receiving nominations – July 31, 2015.



INDIAN ACADEMY OF NEUROSCIENCES

Format for Nomination of Fellows

Name:

Address & Designation:

Qualification:

(Degree and post graduation)

Membership in Academy:

Life

Date of joining Academy

Significant Contributions

in the field of Neurosciences:

(About 200 words, attach annexure)

Most Significant Publications

During the last five years

(Please give the titles and attach

copies of three publications)

Proposed by

Name

Signatures

Address

Supported by

Note: Proposer and Seconder should be Fellows of the Academy.

Three complete set of nomination papers and CV should be sent to the Dean and a copy of the same to the

Secretary HQ before the last date. Soft copy of the material in CD should also be sent along positively.

Incomplete nominations will not be entertained. Nominations received after the last date will be considered next year.

Last date of receiving nominations – July 31, 2015.



Indian Academy of Neurosciences

Lalita and Ravindra Nath International Travel Awards

Applications are invited for the **Lalita and Ravindra Nath International Travel Awards** from researchers working in neurosciences intending to present an abstract at a neuroscience conference or attend neuroscience 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.
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?

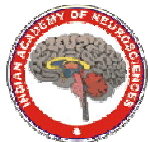
1. A bursary up to INR 25,000 (Rupees Twenty five thousand only) will be provided to the selected candidates to cover partial expenses towards their registration, travel, boarding and lodging.
2. Total amount will be a maximum of INR 25,000 (Rupees Twenty five thousand only) per award and will include 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 (conference certificate / picture at the meeting during talk / poster session), travel tickets (attested copy by the 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 neuroscience schools / training workshops, copy of the selection letter.
3. Curriculum vitae, including list of papers and abstracts presented in meetings.
4. Scan of two recommendation letters including one from the supervisor.
5. Statement of how participation in the meeting will be helpful to the applicant (within 200 words)?

Application deadline: Monday; August 31, 2015



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:

- Admission fees Rs. 50/- additional shall be charged for secretarial purpose and included in the fee.
- Subscription fees* for **Life Membership and Associate Life Membership is Rs. 4000/-, Associate Membership is Rs. 500/-**.
- Category of Associate Life Membership will be upgraded to Life Membership once the candidate submits his / her Ph.D. certificate.
- Associate Membership is valid for one calendar year and shall become due on the 1st of January each year.
- 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 Membership form at the following address.

Dr. A. K. Agrawal
Treasurer, Indian Academy of Neurosciences
C/o. Dr. Vinay K. Khanna, Principal Scientist
Developmental Toxicology Division
CSIR - Indian Institute of Toxicology Research
Post Box No. 80, M.G. Marg
Lucknow – 226 001, India
Email: <aka33@rediffmail.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.

For Office Use Only

Membership No.Type of Membership.....Subscription Details.....
DD / Cheque Number:.....Drawn on Bank.....Date.....OR
Receipt No.....Date.....(if payment made in cash).....
Date.....Treasurer's Signature.....