



Neurosciences Newsletter

House Magazine of

INDIAN ACADEMY OF NEUROSCIENCES (Registered Under Societies Registration Act)

June 2017

Message from the President



Last year, Academy inaugurated its first international chapter in USA at Chicago. I hope we will continue this trend and have many more IAN chapters to reflect the global presence of Indian Academy of Neurosciences. In recent past, academy fostered various neuroscience activities in several cities through its local chapters and added several new life members. There is keen interest of young scientists in the field of neuroscience worldwide and Academy should nurture this

further to meet the great need to attract investigators from various fields into this interdisciplinary discipline.

The XXXIV annual meeting of Indian academy of neurosciences was organized at National Brain Research Centre, Manesar, in October 2016. Like other annual meeting of IAN, IAN-2016 was attended by young and established neuroscientists from various countries. Inclusion of several young neuroscientists in annual meeting of IAN reflects growth of the Academy.

The efforts of the Chief Editor of Annals of Neurosciences, the official journal of IAN has started to reap the benefits as Academy's partnership with KARGER has entered into its second year and brought out six issues so far. There has been steady increase in the number of quality articles submitted for consideration for publication in the Academy's own journal. The journal is indexed in Pubmed and several other prominent abstracting agencies and now has a global visibility.

The Academy has made substantial progress in its activities towards social responsibilities and spreading the awareness about brain disorders through Brain Awareness Programs with its association of with National Brain Research Centre. Last year, IAN kick-started its efforts under the Global advocacy program of International Brain Research Organization and organized workshops to sensitize common citizen and policy makers to improve funding for brain research in India.

I am happy to announce that the XXXV annual meeting of IAN is being organized at Ravenshaw University, Cuttack from October 29 - 31, 2017. I invite all members to actively participate in the meeting.

Dr Subrata Sinha
President, Indian Academy of Neurosciences

Report



It is a great pleasure to share that Indian Academy of Neurosciences (IAN) continues to grow in terms of scientific activities organized at national and international level. Besides, several new members have joined the Academy that further shows its growth. The XXXIV Annual meeting of IAN was organized at the National Brain Research Centre, Manesar in October



2016 by Dr Pankaj Seth and Dr Anirban Basu. The meeting was attended by over 400 delegates from different countries including Germany, Japan, Italy, Singapore, Sri-Lanka, USA and India. The theme of the conference was "Molecules to Mind" where the neuroscientists deliberated upon recent advances in understanding of healthy and diseased brain and shared their findings in form of scientific talks, special lectures, plenary talks, posters and panel discussions. The conference witnessed a huge participation of young neuroscientists, graduate students and a congregation of scientists and researchers working in the field of neuroscience from leading institutions and universities within the country and abroad. During the IAN 2016 meeting, researchers working in diverse areas of neuroscience came together under one umbrella to present and discuss their innovative ideas and achievements in brain research. The Academy also partnered in organization of Brain Awareness Program in several cities, sponsored by the National Brain Research Centre.

The Academy participated in international initiative of global advocacy program with International Brain Research Organization to sensitize policy makers, urban and rural population for the urgent need to enhance research funding for brain research. Several basic and clinical neuroscientists joined hands in this initiative of Academy. On global partnership with regional neuroscience societies, IAN continued its partnership with Japanese Neuroscience Society (JNS) for the third year. IAN invited online applications and after a competitive selection process, four senior post-doctoral fellows and young principal investigators were nominated for attending the 40th annual meeting of JNS to be held at Makuhari Messe, Japan during July 20-23, 2017. JNS will provide full travel support to these young neuroscientists.

This year, Ravenshaw University at Cuttack is hosting the XXXV annual meeting of IAN from October 29 – 31, 2017. We look forward to meeting most members at the IAN - 2017 meeting. Further, a Hands-on-Training Pre-conference Workshop on Trans-cranial Magnetic Stimulation: A Non-invasive Therapeutic Strategy for Neurological Disorders has also been planned. The Academy continues to reach out to young and established neuroscientists at various neuroscience societies in Asia-Pacific region to foster exchange of ideas among regional neuroscientists. We invite all the members to actively participate in this initiative to increase our global presence and welcome their suggestions to further improve.

Looking forward to have your continued support.

Dr Vinay K. Khanna
Secretary HQ

Dr Pankaj Seth
General Secretary

Dr (Ms). Vidita Vaidya, Tata Institute of Fundamental Research, Mumbai conferred on KT Shetty Memorial Oration – 2016



Dr Vidita Vaidya is currently a Professor in the Department of Biological Sciences at Tata Institute of Fundamental Research (TIFR) in Mumbai. She received her PhD from Yale University working with Professor Ronald Duman. She did her postdoctoral training with Professor Ernest Arenas at Karolinska Institute and Prof. David Grahame-Smith at Oxford University. She joined TIFR as a faculty member in March 2000.

Dr. Vaidya's work has identified important targets for putative rapid-action antidepressants and provided key insights into the mechanisms that underlie the establishment of vulnerability to anxiety and depressive disorders. Dr. Vaidya's group demonstrated that norepinephrine and thyroid hormone regulate adult hippocampal neurogenesis. The work has helped to identify key leads for future drug development of rapid-action antidepressants, and has opened up the possibility that fast-acting antidepressants may exert their effects on adaptive plasticity by reactivating developmental pathways within the adult brain. Dr. Vaidya's group has also identified persistent alterations in serotonin receptor (5-HT_{2A} receptor) function evoked by adverse early experience in specific emotional neurocircuits, and their role in setting up individual differences in vulnerability to psychopathology. Her work has highlighted both the adaptive and maladaptive consequences of early stress, and indicated that antidepressant treatments and 5-HT_{2A} receptor blockade can rescue the long-lasting maladaptive effects of early stress experience.

Prof. Vidita Vaidya is an elected fellow of the Indian National Science Academy (INSA). She has been a Senior Overseas Research Fellow of the Wellcome Trust. She received the National Bioscientist Award from Department of Biotechnology, New Delhi in 2012 and the Shanti Swarup Bhatnagar Award for Medical Sciences in 2015.

More info: <http://www.tifr.res.in/~dbf/faculty/vvlab/Research.html>

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 2017 and 2018 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 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 Bala Singh, Dean, Indian Academy of Neurosciences and Director General - Life Sciences (LS), DRDO Bhawan, Rajaji Marg, New Delhi – 110 011 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, 2017**.

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

Congratulations!!

Elected Fellows



Dr Rajat Sandhir
Professor, Department of Biochemistry
Panjab University
Chandigarh – 160 014, India
Email: sandhir@pu.ac.in;



Dr S. Prasad
Professor, Department of Zoology
Banaras Hindu University
Varanasi – 221 005, India
Email: drsprasad_bhu@yahoo.co.uk

Awardees

Tulsabai Somani Educational Trust Award – 2016

Mayank Gautam, Department of Anatomy, All India Institute of Medical Sciences, New Delhi; *Characterization of antinociceptive effect following activation of the spinal cannabinoid type 1 receptor in rats.*

Dr. D.M. Kar Prize – 2016

Papia Acharjee, Department of Zoology, Faculty of Science, Banaras Hindu University, Varanasi; *Pannexin1 blockage modulates NMDAR-nNOS profile in a rat model of hepatic encephalopathy.*

AMIRAB Award - Best Oral Presentation – 2016

Komal Taneja, Department of Biological Sciences & Bioengineering, Indian Institute of Technology, Kanpur; *Dendritic spine abnormalities and cognitive decline in mice models of progressive myoclonus epilepsy.*

Jyotsnamoyee Raghunath Bhattacharya Prize-2016

Prem Chand, National Brain Research Centre, Manesar; *Intracortical and thalamocortical connections of the hand and face representations in somatosensory area 3b of macaque monkeys and effects of chronic spinal cord injuries, The Journal of Neuroscience 35: 13475 – 13486 (2015).*

S.S. Parmar Research Foundation (USA) Prize – 2016

Charanjeet Kaur, Department of Anatomy, All India Institute of Medical Sciences, New Delhi; *Unbiased stereology of adult human spiral ganglion*

Nishant Ranjan, Heat Physiology Division, Defense Institute of Physiology & Allied Sciences (DIPAS), Delhi; *Heat stress induced physiological perturbations and molecular changes in the rat brain and an insight into key molecules unravelling some of the therapeutic targets.*

Travel Fellowship

Ravindra and Lalita Nath Travel Fellowship – 2016

1. **Sonal Tripathi**, Department of Zoology, University of Allahabad, Allahabad
2. **Joshua Rocha**, Department of Life Sciences, Sophia College, Mumbai, India
- Banashree Mondal**, Institute of Neuroscience, Kolkata

IAN Travel Fellowship – 2016

1. **Khushboo Punjabi**, Sophia College, Mumbai
2. **Varsha Singh**, Sophia College, Mumbai
3. **Aparna Singh**, Sophia College, Mumbai
4. **Ritesh Chaudhary**, Sophia College, Mumbai

Lalita and Ravindra Nath International Travel Fellowship – 2016

1. **Richa Gupta**, Developmental Toxicology Laboratory, System Toxicology and Health Risk Assessment Group, CSIR – Indian Institute of Toxicology Research, MG Marg, Lucknow

Best Paper Award from the Organizers – 2016

Richa Gupta, Developmental Toxicology Laboratory, System Toxicology and Health Risk Assessment Group, CSIR – Indian Institute of Toxicology Research, MG Marg, Lucknow; *Role of iNOS/NO/ CamKII- α in cadmium mediated neuroinflammation: Neuroprotective potential of quercetin.*

Pampa Saha, CSIR-Indian Institute of Chemical Biology, Kolkata; *Timp-1 protects neurons against A β toxicity through Akt/FoxO3a signal transduction pathway.*

Sudeshna Das, Defence Institute of Physiology & Allied Sciences (DIPAS), Delhi; *Andrographolide attenuates neuroinflammation and working memory impairment via HMGB1 mediated TLR4/NF κ B signaling pathway.*

G. Vinodh Kumar, Cognitive Brain Lab, National Brain Research Centre, Manesar; *Multi-scale representation of the cross-modal perception during McGurk illusion*

Arun Anirudhan, Sree Chitra Tirunal Institute for Medical Science and Technology (SCTIMST), Thiruvananthapuram; *Phosphorylation status of α -CaMKII and NMDAR subunit GluN2B upon brief and extended calcium stimulation.*

Rajesh. T, Department of Anatomy, Melaka Manipal Medical College- Manipal Campus, Manipal University, Manipal; *Prenatal infection alters hippocampal neuronal morphology in adult Wistar rats: rescued by adolescent physical exercise and environmental enrichment.*

Suwarna Chakraborty, Department of Neurophysiology, National Institute of Mental Health and Neuro Sciences, Bengaluru; *Chronic N-Acetyl cysteine treatment restores depression-induced spatial learning deficits and structural changes in the hippocampus and amygdale.*

Punita Kumari, Department of Neurophysiology, Defence Institute of Physiology & Allied Sciences (DIPAS), Delhi; *Temporal influence of hypobaric hypoxia and derived neurodegeneration on fear conditioning*

Dharmendra Puri, National Brain Research Centre, Manesar; *Regulation of neuronal microtubule cytoskeleton.*

Lalitha S, Neuro-Stem Cell Biology Lab, Neurobiology Division, Rajiv Gandhi Center for Biotechnology, Trivandrum, Kerala, India; *Identifying mechanisms involved in guiding retinal ganglion cell axons to brain visual centers during retinal development*

Lakshmi K, Molecular Neurobiology Division, Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram; *Calcium influx in cultured cerebellar granule neurons induces expression of α -CaMKII.*

Parvathy Surendran, Neuro-Stem Cell Biology Lab, Neurobiology Division, Rajiv Gandhi Center for Biotechnology, Trivandrum-695014, Kerala, India; *Functional significance of Tlx3 expression in developing cerebellum and its link to Autistic Spectrum Disorders*

Jaldeep Langhnoja, Division of Neurobiology, Department of Zoology, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara; *Cross-talk between insulin receptor and neurotrophins in neural stem cells differentiation.*

Sukant Garg, School of Integrative and Global Majors, University of Tsukuba, Tsukuba, Japan; *Cell-based screening of phytochemical library in search of compounds to treat stress and old age related pathologies.*

Chetan S Rajpurohit, Developmental Toxicology Laboratory, System Toxicology and Health Risk Assessment Group, CSIR – Indian Institute of Toxicology Research, MG Marg, Lucknow; *Trans-resveratrol protects ischemic stem cell derived neuronal cells by inhibiting the hypoxia associated transcription factors and boosting the anti-oxidant defense mechanisms.*

Kamakshi Mehta, Department of Anatomy, All India Institute of Medical Sciences, New Delhi; *Role of Curcumin against arsenic trioxide induced adverse effects on CA-1 of mice hippocampus.*

IAN Conference 2017 at Cuttack

The XXXV annual meeting of Indian Academy of Neurosciences will be held at Department of Zoology, Ravenshaw University, Cuttack, Odisha from October 29 - 31, 2017. Dr (Ms). Manorama Patri is the Organizing Secretary. The details of the conference are available on the IAN [website www.neuroscienceacademy.org.in](http://www.neuroscienceacademy.org.in) under IAN 2017.

Suggestions, if any for the conference may be sent by **June 30, 2017** to the organizers.

Address of the Organizing Secretary - Dr (Ms). Manorama Patri, Department of Zoology, School of Life Sciences, Ravenshaw University, Cuttack – 753 003, Odisha.
Email: mpatri@ravenshawuniversity.ac.in

Nominations for Fellowship

The Academy recognizes scientists who have excelled in neuroscience 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 Fellows of Indian Academy of Neurosciences are invited along with curriculum vitae. A soft copy and two hard copies of nomination complete in all respects should be sent to Dr (Ms). Shashi Bala Singh, Dean, Indian Academy of Neurosciences and Director General - Life Sciences (LS), DRDO Bhawan, Rajaji Marg, New Delhi – 110 011 Email <drshashisingh@gmail.com>

Soft and hard copy of the nomination papers should also be sent to Dr. Vinay K. Khanna, Secretary HQ and Senior Principal Scientist, CSIR – Indian Institute of Toxicology Research, MG Marg, Lucknow – 226 001, Email <neuroscienceacademy@gmail.com> latest by **July 31, 2017**.

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

Awards for 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 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 best 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>

For more details, please visit <http://neuroscienceacademy.org.in/index.php> and click **AWARDS**

Last date of receiving nominations is July 31, 2017.

Forthcoming Meetings / Symposia / Workshops

IBRO-APRC Singapore Associate School of Neuroscience; July 3-7, 2017, Singapore
Website: <http://www.ibro.info/events/applications-open-for-the-ibro-aprc-singapore-associate-school-of-neuroscience/>

11th Federation of European Neuroscience Societies (FENS); July 7-11, 2018, Berlin, Germany

Website: <http://www.forum2018.fens.org/>

The 40th Annual Meeting of the Japan Neuroscience Society (JNS); July 20-23, 2017, Nakase, Mihama-ku, Chiba-City, Japan

Website: <http://www.jnss.org/en/>

ISN-ESN Meeting 2017; August 20-24 2017, Paris, France

Website: <http://www.neurochemistry.org>

7th Global Neuroscience Conference; October 16-17, 2017 Osaka, Japan

Website: <http://www.neuroscience.conferenceseries.com/>

5th International Conference on Brain Disorders and Therapeutics; November 6-8, 2017 Madrid, Spain

Website: <http://www.braindisorders.conferenceseries.com/>

SfN's 47th Annual Meeting, Neuroscience 2017; November 11-15 Washington, DC

Website: <https://www.sfn.org/annual-meeting/neuroscience-2017>

37th Annual ANS Meeting Sydney; December 3-6, 2017, The International Convention Centre, Sydney, Australia

Website: <http://www.ans.org.au/>

Call for Proposals for Symposia

Proposals for symposia & workshops on cutting edge areas of neuroscience are invited for consideration for XXXIV annual meeting of Indian Academy of Neurosciences at Manesar. The duration of the symposium / workshop should be around 2 hours with 4-5 presentations of 20 minutes by the experts in the area, including at least one young post doc/Early career PI. A written proposal not exceeding 2 pages with background and rationale along with list of speakers (include speakers from India) be forwarded to the Organizing Secretary (Dr (Ms). Manorama Patri - mpatri@ravenshawuniversity.ac.in) and a copy to Secretary HQ (Dr Vinay K. Khanna - neuroscienceacademy@gmail.com) by **June 30, 2017**.

Travel Fellowships

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 along with abstract of the paper may be sent to the Organizing Secretary Dr (Ms). Manorama Patri, Department of Zoology, School of Life Sciences, Ravenshaw University, Cuttack – 753 003, Odisha, India; **Email: mpatri@ravenshawuniversity.ac.in** with **Subject AWARDS**. 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, 2017.**

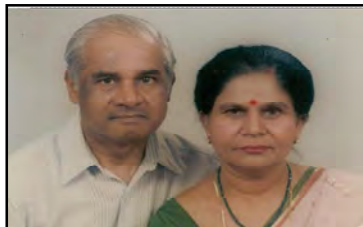
Executive Committee

President Dr S Sinha Manesar	2015 - 2017	Members Dr (Ms) M Patri Cuttack	2015 - 2017
Vice Presidents Dr SC Pandey Chicago, USA	2016 - 2018	Dr S Diwakar Coimbatore	2015 - 2017
Dr (Ms) G Kaur Amritsar	2017 - 2019	Dr (Ms) Laxmi T Rao Bangalore	2016 - 2018
Dean Dr (Ms) SB Singh New Delhi	2015 - 2017	Dr (Ms) M Rajadhyaksha Mumbai	2016 - 2018
General Secretary Dr P Seth Manesar	2017 - 2019	Dr TK Ghosh Kolkata	2017 - 2019
Secretary HQ Dr VK Khanna Lucknow	2016 -2018	Dr (Ms) S Jain New Delhi	2017 - 2019
Secretary International Affairs Dr Dipak Sarkar Rutgers, USA	2016 - 2018	IBRO and FAONS Representative Dr PK Seth Lucknow	
Treasurer Dr AK Agrawal Lucknow	2017 - 2019	Immediate Past President Dr MK Thakur Varanasi	
Chief Editor Dr A Anand Chandigarh	2015 - 2017	Immediate Past General Secretary Dr M.K Thakur Varanasi	

Nominations for the Executive Committee

Nominations for the positions of President (1), Dean (1), Chief Editor (1) and Members (2) are invited on the prescribed format enclosed herewith. The term for these positions will be 3 years. The nominations should be sent either to Dr Vinay K. Khanna, Senior 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, Professor, National Brain Research Centre, NH 8, Nainwal Road, Manesar – 122 051, Email <pseth@nbrc.ac.in> so as to reach them positively by **July 31, 2017**.

IAN - 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?

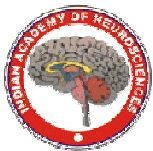
1. A bursary up to INR 25,000 (Rupees Twenty five thousand only) will be provided to the selected candidates to cover partial expenses towards their registration, travel, boarding and lodging.
2. Total amount will be a maximum of INR 25,000 (Rupees Twenty five thousand only) per award and will include 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)?

Last date of receiving applications - July 31, 2017. Applications received after the last date will be considered next year.



Proforma for Nomination for the Election of Fellows

Indian Academy of Neurosciences

1. Name:

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

3. Designation / Affiliation:

4. Address:

(a) Official.....
.....
.....

(b) Residential.....
.....
.....

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

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

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

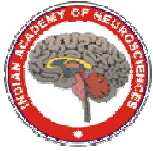
7. Specialization / Area of research.....

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)

	Proposed by	Supported by
Name	_____	_____
Address	_____	_____
Signature	_____	_____

*Note: Proposer and Secunder should be Fellows of the Academy. Complete set of nomination and CV of the nominee should be sent to the Dean and a copy of the set to the Secretary HQ of the Academy before the last date. Soft copy of the material on CD should also be sent along positively. **Nominations received after the last date will be considered next year.***



INDIAN ACADEMY OF NEUROSCIENCES

FORM FOR NOMINATION

Nomination for the post of :

Name :

Address:.....

.....

.....

Membership No. :

Proposer

Name: _____

Membership No. _____

Signature _____

Secunder

Name: _____

Membership No. _____

Signature _____



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.

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

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. 1661000050015, 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.....



Dr B.N. Dhawan

(Former Director-CSIR-Central Drug Research Institute (CDRI), Lucknow and Past President – Indian Academy of Neurosciences, Indian National Science Academy and Indian Pharmacological Society)

It is with profound sadness that the Indian Academy of Neurosciences informs the sudden demise of Dr B.N. Dhawan, an internationally acclaimed neuroscientist and pharmacologist. A doyen of Pharmacology, he was one of the founder members, a founder fellow and former President of the Indian Academy of Neurosciences. Dr Dhawan held the office of President of the Academy for two separate terms. He occupied several important positions in Government agencies, academic institutions and countries top scientific bodies like Indian National Science Academy (INSA) and The National Academy of Sciences, India (NASI). He was the youngest person to be appointed as Professor and Head, Department of Pharmacology, at the age of 31 At Moti Lal Nehru Medical College, Allahabad. Besides his past teaching positions at Lucknow and Allahabad, he held illustrious research positions as Assistant Director, Deputy Director, and Scientist in Director's Grade and Director at CSIR - Central Drug Research Institute, Lucknow. Dr Dhawan made outstanding basic and original contributions to neuropharmacology and introduced modern concepts in pharmacology related to teaching and drug research. For the early drug discovery and development, he set up several test systems and animal models at CSIR-CDRI, Lucknow which are being followed in several institutions and accepted by WHO. He conceptualized the research program for advance studies on traditional medicines and headed the ICMR Center for Advanced Studies on Traditional Remedies at CSIR-CDRI, Lucknow. These contributions earned him the coveted Fellowship of CINP and founder membership of IUPHAR Receptor Nomenclature Committee. Dr Dhawan served as a Senior Commonwealth Medical Fellow, St Bartholomew's Medical College, London, Visiting Professor to several foreign universities, - Consultant /or Committee Member IUPHAR, UNIDO, WHO, UNESCO etc. - Committee Member/Chairman of many Committees of Ministries of Earth Sciences, Environment, Health and Family Welfare, Human Resource Development, Petroleum Chemical; Departments of Science and Technology, Scientific and Industrial Research, Biotechnology, Ocean Development and Councils (CSIR, ICAR, ICMR) etc., - Board of Director/ Committees of Public/Private Sector Pharmaceutical Undertakings.

He was conferred Fellowships by several national and international organizations including CINP and Third World Academy of Sciences. He was a Member of British Pharmacological Society - Medicinal Chemistry Section of American Chemical Society - International Brain Research Organization and many other Scientific Bodies. He was a Fellow of INSA and NASI. Dr Dhawan published over 400 research papers, obtained 20 foreign and 32 Indian Patents. He had written/edited 20 books. He mentored several Indian scientists, who are occupying high positions in pharmacology and related areas in the country and abroad.

Several prestigious awards namely Third World Academy of Sciences Award in Medical Sciences, Hamdard Foundation Research Award, Vasvik Life Sciences Award, Ranbaxy Medical Sciences Award, OP Bhasin Medical and Health Sciences Award, DN Prasad Memorial Award of Indian Council of Medical Research and K.P. Bhargava Memorial Medal & Dhanwantari Prize of Indian National Science Academy were conferred on Dr Dhawan.

Besides the above outstanding qualities, Dr Dhawan was a great human being and a man of high ethical values. He regularly attended the annual meetings of Indian Academy of Neurosciences and his advice in planning the meetings was very valuable. The Academy will always remember his numerous valuable contributions to science and society.

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