



Banaras Hindu University
Department of Zoology
Varanasi, India
Organizes



International Symposium on
Advances in Neurosciences
&
Silver Jubilee Conference of
Indian Academy of Neurosciences

Theme: Molecular and Cellular Basis of Brain Functions and Disorders

November 22- 25, 2007

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Invitation

Dear Friends and Colleagues,

It is a great pleasure and privilege to host the "International Symposium on Advances in Neurosciences & Silver Jubilee Conference of Indian Academy of Neurosciences" from 22-25 November 2007 at Banaras Hindu University, the largest residential educational institution in Asia. We consider it a distinct honor to host this meeting for the first time, though the neuroscience group in Varanasi has been actively engaged in research and teaching over four decades.

Varanasi, the most sacred and ancient city of Lord Vishwanath, is famous for its hoary rich traditions, cultural activities, narrow lanes, magnificent temples, enchanting ghats, and many other attractions. We are planning to have an exciting cultural evening to be presented by reputed artists, as well as a moonlight cruise in the river Ganges on the occasion of Kartik Purnima, which should be an unforgettable experience during the four days conference.

We are proud to organize this international symposium with a central theme of recent advances in neurosciences from molecular to behavioral level and cellular basis of brain functions and disorders. The conference will discuss various protective and therapeutic strategies for brain disorders, and examine how both the progression of neurodegenerative processes and their potential amelioration may be influenced by a variety of factors. A special focus of this conference will be on research findings involving both nutritional and pharmacological strategies for slowing of normal brain aging and its pathological variants, such as Alzheimer's and Parkinson's diseases. The goal of this meeting is to bring together a critical mass of scientists who might not otherwise have the opportunity to discuss key issues. The setting will be in a scientific but relaxed atmosphere, with the expectation that new concepts concerning neurodegenerative disease and its mitigation will emerge.

This brochure includes information regarding registration, accommodation, submission of abstracts, program with proposed symposia and tourist activities. Many leading neuroscientists from India and abroad have agreed to participate and deliver lectures during the conference. Consequently, this will provide a forum for researchers to present frontline research in the interdisciplinary areas of neuroscience, interact with participants, share views and experiences, and plan future strategies to understand the complexities of brain functions and disorders. The Academy has instituted several prizes for the excellent presentations made by the young aspiring neuroscientists. An interactive session will be organized for the enthusiastic school students with an aim to ignite the juvenile minds and make them aware of exciting challenges in the emerging field of neuroscience.

On this occasion, we are delighted to extend a cordial invitation and warm welcome to you in Varanasi. We sincerely hope that you will accept our invitation and make an important contribution to the scientific program by your deliberation and discussion. We are trying our best to make the historical conference successful and memorable. Hope you will enjoy the scientific feast and cultural attractions of the city. We look forward to your cooperation and active participation in the exciting meeting.

*Prof. PN Tandon
President, IAN*

*Prof. SB Deshpande
Convener, IAN-2007*

*Prof. MK Thakur
Organizing Secretary, IAN- 2007*



Program at a Glance

	22 Nov.	23 Nov.	24 Nov.	25 Nov.
8:00		Registration & Breakfast	Breakfast	Breakfast
9:00	Registration	Symposium III	Symposium VII	Symposium VIII Symposium IX
11:00	Welcome	Tea	Tea	Tea
11:15	Symposium I	Symposium IV Symposium V	Award session	Invited lecture III
13:15	Lunch	Lunch & Poster	Lunch & Poster	Lunch
14:30	Symposium II	EC Meeting	Award session	Invited lecture IV
15:00		Symposium VI Interactive Session		
16:00		GB Meeting		
16:30	Inauguration	Tea	Boating	Concluding Remarks
16:45		Invited lecture I		
17:00		Invited lecture II		
18:00				
18:30	Tea	Cultural Program	Dinner	
19:15	BK Bachhawat Oration			
20:30	Dinner	Banquet		



Abstract

Guideline for Abstract Submission

Abstract should be typed in MS Word in Arial font (12 point) in 1.5-line spacing with full justification. It should include title in bold, authors with affiliations and email (presenting author's name underlined) and text not exceeding 250 words. Text should state objective of the work, methodology, significant results and conclusion. It should not include figures, tables or references. Abstract should reach the Conference Secretariat via email by [August 20, 2007](#).

Publication of Proceedings

The organizing committee wishes to publish the proceedings of the conference as a special supplement volume of Annals of Neurosciences, the official journal of the Academy. This will include the papers presented in the symposia, invited lectures and poster sessions. An attempt will also be made to correspond with the publishers of internationally reputed neuroscience journals for publishing selected and peer-reviewed papers.

Awards

To recognize the contributions of young researchers working in the area of neuroscience, the Indian Academy of Neurosciences has instituted the following awards/ prizes for presentations at the annual conference. In addition, a special prize will be awarded for the best poster presentation on each day from the Organizing Committee.

- 1) Tulsabai Somani Educational Trust Award for the best oral presentation by a neuroscientist up to 40 years of age.
- 2) Dr. D. M. Kar Prize for the best oral presentation by a neuroscientist up to 35 years of age.
- 3) Prof. S. S. Parmar Research Foundation Award for the best poster presentation by a neuroscientist up to 35 years of age.
- 4) Jyotsnamoyee-Raghunath Bhattacharya Prize for the best original research paper published in the field of basic neurosciences during the past two years.
- 5) John Miller Travel Award for presenting a paper by a neuroscientist up to 35 years of age.
- 6) Prof R Nath Memorial Travel Award for presenting a paper by a neuroscientist up to 35 years of age

Researchers competing for the award should be members of the Academy. Their applications with abstract should reach the Conference Secretariat by [August 20, 2007](#). A copy of the same should also be sent to Dr VK Khanna, Secretary (HQ), Scientist E, ITRC, MG Marg, Lucknow-226001. Further details are available on the IAN website www.neuroscienceacademy.org.in



Travel Awards

A limited number of travel grants will be provided to young researchers from India, preferably research students for presenting paper in the conference depending upon the availability of funds. This will be decided on the merit of the work. Application/ requests supported by the recommendation of the supervisor that the candidate has no fellowship must reach the Organizing Secretary by [August 20, 2007](#). The selected candidates will be informed by [September 1, 2007](#) and provided second class train/bus fare by the shortest route.

Broad Areas

An exciting scientific program consisting of plenary and invited lectures, symposia, platform and poster presentations and young scientist colloquium has been arranged. The program will focus on the following broad areas:

Brain Development, Regeneration and Aging

Neurotransmitters, receptors and channels
Cognition and Behavior
Mitochondria and Oxidative Stress
Plasticity and Synaptic transmission
Blood-brain barrier
Neurophysiology and Neuroendocrinology
System Neurobiology

Disorders of the Nervous System

Neurodegenerative Diseases
Neurotoxicity and Neuroprotection
Psychiatric Disorders
Clinical Neurosciences
Drug Addiction

Emerging Areas in Neuroscience

Computational Neuroscience
Glia-Neuron Cross-talks
Nanoscience
Neural Stem Cells
Neurogenomics and Proteomics



Symposia

Symposium I: Neurobiology, Genetics and Drug Therapeutics of Alzheimer's disease
(Convener - DK Lahiri, Indianapolis, USA)

Symposium II: Autism: Early Diagnosis, Biological Markers and Neurobiology
(Convener - Ved Chauhan, New York, USA)

Symposium III: Mitochondria, Oxidative Stress and Neurodegenerative Disorders
(Convener - S Chakraborty, Kolkata, India)

Symposium IV: Nanoparticles, Blood-Brain Barrier and Neuroregeneration
(Convener - Hari S Sharma, Sweden)

Symposium V: Neuro-perception of interventional aging
(Convener - Renu Wadhwa, Japan)

Symposium VI: Recent progress in understanding the neurobiology of mood disorders and suicides
(Convener - GN Pandey, USA)

Symposium VII: Alcohol and Brain: Perspectives from Molecular, Cellular, and Behavioral Studies
(Convener - SC Pandey, USA)

Symposium VIII: Stress and Drug Abuse
(Convener - Dipak K Sarkar, New Jersey, USA)

Symposium IX: Molecular Cell signaling and Transcriptional Regulatory Mechanisms in Neurodegenerative Diseases
(Convener - A Kanthasamy, Iowa, USA)



Conference Venue

Swatantrata Bhawan, B.H.U



List of Tentative Speakers

- Syed F. Ali (Jefferson, USA)
 M Arif (Dhaka, Bangladesh)
 Pradeep K. Banerjee (New York, USA)
 HC Becker (South Carolina, USA)
 Vivek Benegal (Bangalore, India)
 Colin Blakemore (London, UK)
 Roberto Cappai (Melbourne, Australia)
 S Chakraborty (Kolkata, India)
 Abha Chauhan (New York, USA)
 Ved Chauhan (New York, USA)
 Sumantra Das (Kolkata, India)
 Subimal Datta (Boston, USA)
 S Daya (Grahamstown, South Africa)
 Ranil De Silva (Jayewardhanapura, Sri Lanka)
 M Gourie Devi (New Delhi, India)
 BN Dhawan (Lucknow, India)
 Yogesh Dwivedi (Chicago, USA)
 James Geddes (Kentucky, USA)
 Mahdi Hasan (Lucknow, India)
 K Heese (Singapore)
 G Ilavazhagan (New Delhi, India)
 Norio Ishida (Tsukuba, Japan)
 PG Joshi (Bangalore, India)
 Raj N. Kalaria (Newcastle, UK)
 MS Kanungo (Varanasi, India)
 A Kanthasamy (Ames, USA)
 Gurcharan Kaur (Amritsar, India)
 Sunil Kaul (Tsukuba, Japan)
 VK Khanna (Lucknow, India)
 Masami Kojima (Tsukuba, Japan)
 Girish J Kotwal (Cape Town, South Africa)
 DK Lahiri (Indianapolis, USA)
 Törbjorn Lundstedt (Uppsala, Sweden)
 BN Mallick (New Delhi, India)
 J John Mann (New York, USA)
 RD Mehra (New Delhi, India)
 Pankaj D. Mehta (New York, USA)
 KP Mohanakumar (Kolkata, India)
 MKC Nair (Trivandrum, Kerala)
 P. Prakash Babu (Hyderabad, India)
 Subhash C. Pandey (Chicago, USA)
 Ghanshyam N Pandey (Chicago, USA)
 IK Patro (Gwalior, India)
 CS Paulose (Cochin, India)
 V Ravindranath (Manesar, India)
 Mahadik Sahebaro (Georgia,USA)
 Kumar Sambamurti (Charleston, USA)
 Dipak K Sarkar (New Jersey, USA)
 W Selvamurty (New Delhi, India)
 PK Seth (Lucknow, India)
 Hari S Sharma (Uppsala, Sweden)
 Rameshwar Singh (New Delhi, India)
 Ranier Spanagel (Mannheim, Germany)
 Rakesh Shukla (Lucknow, India)
 MN Subhash (Bangalore, India)
 BSS Rao (Bangalore, India)
 K Subba Rao (Hyderabad, India)
 PN Tandon (Manesar, India)
 BG Unni (Jorhat, India)
 Renu Wadhwa (Tsukuba, Japan)
 S Wadhwa (New Delhi, India)
 Lars Wiklund (Uppsala, Sweden)



Sponsorship

IAN-2007 conference is a unique opportunity for the manufacturers of biomedical, biotechnological and other analytical instruments, chemicals, culture media, diagnostic kits and other scientific products to demonstrate and advertise their materials to participants from different institutions of India and abroad. Books could also be displayed during this time. As the conference will be attended by basic neuroscientists and clinicians including neurologists, neurosurgeons and psychiatrists, their close interaction with the manufacturers/industries will promote the products and keep them updated with the advances.

Stall for exhibition: a stall of 8` X8` size with one table and two chairs along with one electrical point will be provided. Besides, they will be entitled for two free registrations: Rs.40,000/-
Advertisement in the souvenir: Back cover page – Rs.25,000/-, Back inside cover page – Rs.20,000/-, Full page – Rs.15,000/-, Half page – Rs.7,500/-.

The sponsor's name will be acknowledged and included in the souvenir.

The payment through a demand draft drawn in favor of IAN-2007 payable at Varanasi should be sent to the Organizing Secretary, IAN-2007, Prof. MK Thakur, Department of Zoology, Banaras Hindu University, Varanasi 221005, India.

About Varanasi

Varanasi or Banaras is a holy city and India's foremost pilgrimage centre for the Hindus. It has a well-developed transport network and is connected to all the major Indian cities and states by air, road and rail. There are many daily flights between Varanasi and New Delhi. The airport is about 22 km. from the city. Varanasi is also served by trains from all metros and major cities across the country. Some of the interesting tourist locations in Varanasi are Sarnath, where Buddha delivered his first sermon, Vishwanath Temple, the Ghats, Chunar Fort, Ramnagar Fort and the Archeological Museum.

The best season to visit Varanasi is undoubtedly September - November. This is chiefly on two accounts. Firstly, the weather during these months is rather mellow and secondly, this is the festive season in India, especially the northern plains. So tourists at this time can enjoy the gaiety and splendour that these festivals offer.



REGISTRATION FORM

Title: Prof. /Dr. /Mr. /Ms.Name:.....
 Designation:.....Organization/Institution:.....
 Address:.....
 City :..... Postal code:..... Country:.....
 Tel:..... E-mail

IAN membership status:..... Nationality..... Age.....
 Name of accompanying person(s) (if any) :.....

For foreign delegates only*

Passport No.:Date and Place of issue Validity up to.....

Registration fee

The registration fee includes conference kit, access to inaugural function, scientific sessions and cultural evening, exhibitions, lunch, dinner and session tea.

Category	Up to 20.08.07	After 20.08.07	On Spot
IAN Member	Rs. 2000	Rs. 2500	Rs. 3000
Non- member	Rs. 2500	Rs. 3000	Rs. 3500
Accompanying person*	Rs. 1200	Rs. 1500	Rs. 2000
Student**	Rs. 1500	Rs. 2000	Rs. 2500
Foreign delegate	USD 200	USD 250	USD 300

*Excludes registration kit, **Endorsement by the supervisor confirming candidate's status.

Mode of Presentation (Indicate preference)

Symposium Oral Award Poster
 by Video/LCD/Overhead. Broad Area:..... Sub Area:.....

Title of presentation:.....

Date :
 Place:

Signature



Accommodation Form

The duly filled accommodation form should reach the Organizing Secretary latest by **September 20, 2007**. Limited accommodation is available in the lodge (Rs.200 per night) and guest house (Rs.400 per night), and will be provided on first come first serve basis to early registered participants. Hotel accommodation is also available and may be booked directly or through travel agents. As November is the festival season, the city is full of tourists. It will be difficult to arrange accommodation without advance payment and for those registered after deadline.

Name.....
 Male/Female.....DesignationAge.....
 Organization/Institution.....
 Phone :..... E-mail :.....
 Accompanying person(s): Name:.....Male/Female :.....Age.....

Preference of Accommodation

Hotel /Guest house/Lodge.....Type: Single/Double
 Accommodation required fromto
 Date and time of arrival: Date and time of departure:.....

Mode of Payment

All payments should be made through the demand draft drawn in favor of **IAN-2007** payable at **Varanasi**. In case of payment through a Cheque, please add bank commission of Rs.50/- or USD 10. The registration form along with fee should reach the Organizing Secretary latest by **August 20, 2007** to avail the early registration fee offer. The duly filled in accommodation form along with charges for the entire period of stay should reach the Organizing Secretary latest by **September 20, 2007**.

Draft No..... Date of issue

Amount: Registration feeAccommodation charges.....Total.....





Travel Information Form

To avoid any inconvenience, the participants should send their travel schedule to the Conference Secretariat latest by **October 31, 2007**

Full Name..... Male/Female.....

Designation

Organization/Institution.....

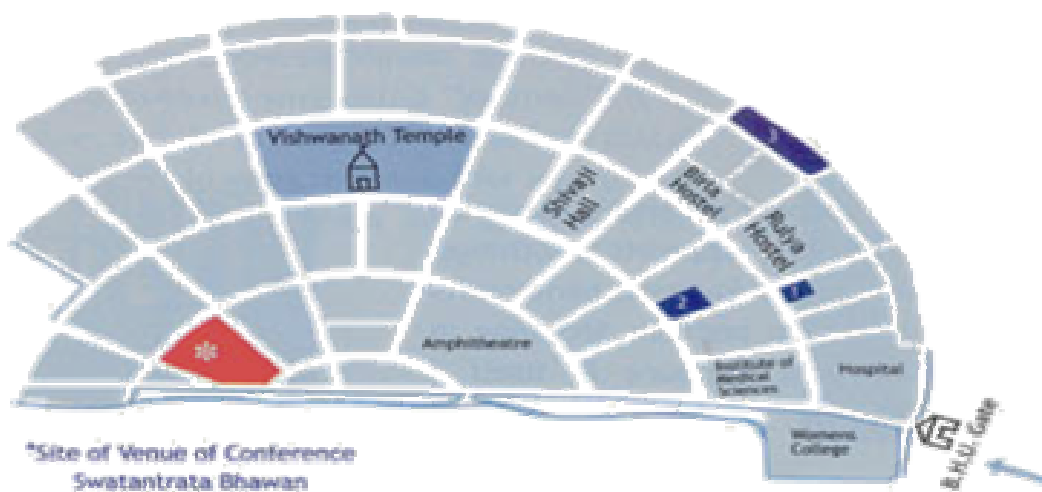
Accompanying person(s): Name:..... Male/Female :.....

Arrival:

Date..... Time..... AM/PM Flight/ Train No.....

Departure:

Date..... Time..... AM/PM Flight/Train No.....



Lay Out Plan of BHU

- 1. LD Guest House
- 2. University Guest House
- 3. Faculty Exchange Building



Welcome in Varanasi

Important dates

Registration	August 20, 2007
Abstract submission	August 20, 2007
Accommodation request	September 20, 2007
Travel information	October 31, 2007

Conference Secretariat

Prof. Mahendra K Thakur
 Organizing Secretary, IAN-2007
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