

(Logo of IAN)

**XXVII<sup>th</sup> Annual Conference of Indian  
Academy of Neurosciences**

**December 18 – 20, 2009**

**Theme : Recent Advances In Neurosciences**

PHOTOGRAPH OF NIMS



***Organised by***

**Dr. Anurag Tomar, Organising Secretary**  
**NIMS UNIVERSITY RAJASTHAN**  
Shobha Nagar, Jaipur – 303001

**Dear Colleagues,**

Greetings from Pink city

Brain Disorders are not uncommon. There are many current issues and challenges in order to have better standards in research, medical service and education, and to have strategies for the future. Therefore, keeping in view of these objectives the Indian Academy of Neurosciences is holding its **27<sup>th</sup> Annual Conference** at NIMS University Shobha Nagar, **Jaipur-303001** from December 18-20, 2009.

The conference will discuss various protective and therapeutic strategies for brain disorders. The aim of the conference is to bring together the neuroscientists, physicians, surgeons, biotechnologists & researchers to discuss the advances in the field of basic and clinical neuroscience. At the meeting, the conference will present a good balance between the recent advances in basic science research and the clinical challenges that the physicians face in their clinical practices.

It is expected that about 500 delegates from various medical, dental, neurology, neurosurgery, neurosciences biotechnology, & pharmaceutical institutions of India and abroad, will attend this Conference. As it is going to be a highly educative affair, on behalf of the Indian Academy of Neurosciences we solicit an active participation of all health personnel. **Your active involvement will go a long way in making this national event a grand success.**

I feel pleasure to invite all of you to Jaipur. **A warm reception awaits you** and I eagerly look forward to welcome you and promise an academically beneficial and socially enriching experience during your stay with us. You will enjoy the scientific, cultural and social programs of the IAN in December 2009.

With warm regards,

**Dr. Anurag Tomar**  
Organising Secretary

## IAN Executive Committee

### President

Dr. B.N. Dhawan, Lucknow

### General Secretary

Dr. M.K. Thakur , Varanasi

### Vice Presidents

Dr. H.C. Pant, Bethesda, USA    Dr. I.K. Patro, Gwalior

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Dr. M. Hasan, Lucknow

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Dr. V.K. Khanna, Lucknow

### Secretary International Affairs

Dr. Yogesh Dwivedi, Chicago, USA

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Dr. A.K. Agrawal Lucknow

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Dr. R.K. Garg, Lucknow    Dr. (Ms.) N.C. Singh, Lucknow

Dr. (Ms.) N. Patro, Gwalior

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### IBRO and FAONS Representative

Dr. (Ms.) V. Ravindranath, Manesar

### Immediate Past President

Dr. P.N. Tandon, Manesar

### Immediate Past General Secretary

Dr. (Ms.) P.G. Joshi, NIMHANS

### Organising Secretary

Dr. Anurag Tomar, Jaipur

## IAN – 2009

### LOCAL ORGANIZING COMMITTEE

#### Patron

Dr. Balvir S. Tomar

#### President

Prof K.C. Singhal

#### Chairperson

Dr. Shobha Tomar

#### Organising Secretary

Dr. Anurag Tomar

#### Treasurer

Mr. Arun Pathak

#### Work Shop Coordinator

Dr. Swati Tomar

Dr. Mukesh Tiwari

Prof. Nagesh Binjoo

#### Reception

Prof. B.L. Gupta

Dr. Vipul Choudhry

Dr. Deepa Masand

Dr. Veena Bhardwaj

Mr. Vinod Dhawai

#### Catering

Prof. P. Bhardwaj

Dr. Rupesh Masand

Dr. A.M. Dixit

Mrs Shanthi Ida

Mr S.K. Verma

#### Souvenir

Prof. D.K. Kasliwal

Prof. Nirmal Jain

Prof. Vijay Shree

Prof. R. Vanjani

#### Registration

Prof. Vijayshree

Dr. Uma Adwani

Dr. Ravi Mathur

Dr. Lokesh Sharma

Dr. Preeti Sharma

#### Scientific Programme

Prof. U.K. Gupta

Prof. Shobha Kulshreshtha

Dr. C.P. Singh

Prof. Arun Gupta

Dr. Ravi Gupta

#### Inauguration & Cultural

Prof. Alka Rao

Prof. Sushma Bhatnagar

Dr. Sadhana Mathur

Dr. Anumeha Jain

#### Audio-visual/Preview Room

Prof. U.K. Gupta

Dr. Amit Modwal

Dr. Sunil Agarwal

Mr. Suresh Mehta

Mr. Guljar Ali Bhati

#### Accommodation

Prof Atul Kumar

Dr. Girdhar Reddy

Mr. Nempal Singh

Mr. Arvind Singh

Ms Reema

#### Transport

Dr. Pradeep Sharma

Dr. Ravi Gupta

Dr. Vineet Choudhary

Mr Nishant Gupta

Mr. Harendra Singh

Mr. Sanjay Karolwal

# SCIENTIFIC PROGRAMME

## Broad Areas

### Brain Development, Regeneration and Ageing

Neurotransmitters, Receptors and Channels, Cognition and Behaviour, 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, Neurobiology of Ageing

## Theme : Recent Advances In Neurosciences

## REGISTRATION

Please fill in the Registration Form and send by post to the Conference Secretariat.

	<b>Upto 10.9.2009</b>	<b>After 31.10.2009</b>	<b>Spot Registration</b>
<b>Delegate</b>	Rs. 2,000/-	Rs. 2,250/-	Rs. 2,500/-
<b>IAN Member</b>	Rs. 1,500/-	Rs. 1,750/-	Rs. 2,000/-
<b>Corporate Delegates</b>	Rs. 4000/-	Rs. 5000/-	Rs. 6000/-
<b>PG Student**</b>	Rs. 1000/-	Rs. 1250/-	Rs. 1500/-
<b>Spouse/Accompanying Person</b>	Rs. 750/-	Rs. 1,000/-	Rs. 1,200/-
<b>Children (5-12 yrs)</b>	Rs. 400/-	Rs. 400/-	Rs. 500/-

\*\* to be certified by Head of the Department of the delegate.

### Registered delegates are entitled for:

Admission to inaugural function, plenary lectures, scientific sessions, entertainment programme, lunch and dinner during the Conference. Payment to be made by A/c payee Bank Draft / At Par cheques drawn in favour of "IAN 2009" payable at Jaipur and posted along with Registration form to Conference Secretariat. In out station cheques please add Rs. 100 as bank collection charge.

### Important Dates:

Early Registration : September 10, 2009  
Last date for Submission of Award Paper : Sept. 10, 2009  
Last date for Submission of Abstracts : Oct. 15, 2009  
Confirmation of Acceptance of Abstract : Oct. 31, 2009

### Cancellation and Refund:

No refund request will be entertained after 30<sup>th</sup> September 2009. On cancellation of registration, only 50% of the amount shall be refunded and this will be sent to the person concerned in the last week of January 2010.

### INSTRUCTIONS TO AUTHORS FOR SUBMISSION OF ABSTRACT:

## Abstract

### Guideline for Abstract Submission

Original unpublished research articles related to Neurosciences, Neurosurgery Neuro pharmacology, Neural Research and Clinical Affairs are invited for oral/poster presentation by registered delegates.

- Abstract should be computer typed in the space provided in the abstract form, (Space of 4.5" X 7.5"). It should be sent through E-mail & CD with hard copy (in triplicate) posted along with completed Registration Form so as to reach the Conference Secretariat by **15<sup>th</sup> October 2009**.
- **Title:** Should be typed in MS word in Bold Font, Title Case Central Alignment, Font 12, Type New Roman in single space with justification.
- **Author's Name/Names:** Capital Case, List each author by their initials (unpunctuated), followed by surnames (omit degrees). Name of the presenting author should be underlined. Font 10, Type New Roman.
- **Content:** Should contain aim of study, materials, methods, results & Conclusion Font 10, Type New Roman.

Entries for Award should be submitted in triplicate along with full paper and completed registration form to the organizing secretary.

### ORAL PRESENTATION:

- Seven Minutes will be allowed for presentation followed by three minute for discussion.
- LCD and overhead projectors will be provided for Oral Paper presentations. For LCD presentation please make sure to bring CDs/Pen drives compatible with Windows XP.

### POSTER PRESENTATION:

- Poster presentations may kindly be presented on 1.2 mtr x 1 mtr size.

- Poster should be fixed 1 hour before the presentation. Author/s should be present through out the poster session for any discussion.

### Acceptance of Paper

- The presenting author must register for the Conference. Final decision regarding acceptance of papers will rest with the Scientific Committee. If you do not receive any information about status of the abstract by October 31, 2009, please contact on e-mail. [ianjaipur@rediffmail.com](mailto:ianjaipur@rediffmail.com)

### Publication of Proceedings

The Organising Committee wish 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 the selected and peer-reviewed papers.

### Awards

To recognize the contributions of young researchers working in the area of neuroscience, the Indian Academy of Neuroscience 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 from the Organising Committee.

1. Tulsabai Somani Educational Trust Award for best oral presentation by a neuroscientist upto 40 years of age.
2. Dr. D.M. Kar Prize for the best oral presentation by a neuroscientist upto 35 years of age.
3. Prof. S.S. Parmar Research Foundation Award for the best poster presentation by a neuroscientist upto 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. Johan Miller Travel Award for presenting a paper by a neuroscientist upto 35 years of age.
6. Prof. R. Nath Memorial Travel Award for presenting a paper by a neuroscientist upto 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 **October 10, 2009**. A copy of the same should also be sent to Dr. V.K. Khanna, Secretary (HQ), Scientist E, ITRC, MG Marg, Lucknow-226001.

### **B.K. Bachawat memorial life time achievement award lecture**

#### ***Terms and Conditions for Conference Accommodation:***

- Booking shall be done upto three month prior to the start of Conference. Confirmation shall be subject to the availability.
- Campus guest house accommodation can be arranged for delegates on prior intimation. Tariff will be Rs. 400/- per person per day on twin sharing basis.
- Hostel accommodation (separate for male/female) can be arranged on prior intimation. Tariff will be Rs. 200/- per person per day on twin sharing basis.

#### **Payment terms:**

- For campus accommodation 100% payment is required in advance. However, being limited in number, campus accommodation will be booked subject to availability.

The payment for booking of accommodation should be sent through Bank Draft / At par cheques in favour of **IAN 2009** payable at **Jaipur** along with Registration Form. In out station cheques please add Rs. 100/- as bank collection charges.

### **How To Reach Jaipur**

#### **By Train**

Jaipur is well connected by trains to all the major cities of India such as Delhi, Agra, Mumbai, Chennai, Bikaner, Jodhpur, Udaipur, Indore, Bangalore, Gwalior, Varanasi, Calcuta (Kolkata), Dehradun, Mysore, and Ahmedabad.

#### **By Road**

A network of good motorable roads and private and government buses connect Jaipur to all the nearby major cities. Bus Stand, located at Sindhi Camp near Railway Station, is the hub of all roadway activities.

**Platform No. 1 – 5116032** Delhi, Ajmer, Udaipur, Alwar, Jodhpur, Sirohi, Ahmedabad  
**Platform No. 2 – 5116043** Bharatpur, Agra, Bhopal, Kota, Jhalawar, Indore  
**Platform No. 3 – 5116031** **All Deluxe Buses**  
**Platform No. 4 – 5116046** Sikar, Sriganganagar, Jhunjhunu, Bikaner, Hanumangarh

#### **By Air**

Airport of Jaipur is known as Sanganer Airport, Domestic flights connect Delhi, Kolkata, Mumbai, Ahmedabad, Jodhpur, Udaipur, Goa, and Bangalore to Jaipur.

Indian Airlines : 2721333, 2743324, 2721519, 2743500  
Jet Airways : 2551352, 2551354, 5112222  
Kingfisher Airlines : 2720775, 2723485  
Go Air : 09223222111  
Spice Jet : 098718 03333, 0124 3913501  
Air Decan : 5127555, 5127444  
Go Indigo : 5119993

#### **Distances from Major Cities (Kms)**

<b>Delhi – 265</b>	<b>Ahmedabad – 625</b>	<b>Chandigarh – 510</b>
<b>Mumbai – 1,176</b>	<b>Calcutta – 1,472</b>	<b>Agra – 246</b>
<b>Jodhpur – 350</b>	<b>Ajmer – 150</b>	<b>Pushkar – 110</b>
<b>Bharatpur – 190</b>	<b>Jaisalmer – 600</b>	<b>Bikaner – 300</b>
<b>Udaipur – 350</b>	<b>Chittorgarh - 350</b>	

#### **Accommodation**

Hotel accommodation shall be reserved on request against advance payment along with Registration Form. December being a very busy tourism season, so you are requested to book the hotels well in advance (as soon as possible, preferably 3-4 months in advance).

### **IMPORTANT PLACES TO VISIT IN CITY**

**Hawa Mahal** – Built in 1799, by Maharaja Sawai Pratap Singh, 5-storied stunning semi octagonal monument having 365 windows

with over hanging latticed balconies is a fine piece of Rajput architecture.

**Jantar Mantar (Observatory)** – built in 18<sup>th</sup> century by Maharaja Sawai Jai Singh II, were used to study the movement of constellations and stars in the sky. Enormous sundial still provides accurate time.

**City Palace and SMS II Museum** – is a blend of Rajput and Mughal architecture. It houses a seven storied **Chandra Mahal**, **Diwan-E-Am (Hall of public audience)**, **Diwan-E-Khas (Hall of Private audience)**, **Mubark Mahal** has a rich collection of costumes and textiles. **Sileh Khana** has a collection of armory and weapons.

**Ishwar Lat** – ‘Swarg Suli’ or ‘heaven piercing minaret’, the tower, near Tripolia gate, built by Raja Ishwari Singh (1744-51).

**Jal Mahal** – On the way to Amber, palace set in middle of Man Sagar Lake.

**Kanak Vrindavan** – On the way to Amber this newly restored temple, near Jal Mahal, has beautiful gardens and is a popular picnic place.

**Jaigarh Fort** – On a hill top, overlooks the palaces and city of Amer. The world’s biggest cannon on wheels which has 20 feet long barrel, the Jai Ban, is positioned here, built during reign of Maharaja Sawai Jaisingh.

**Nahargarh Fort** – Cresting a hill about 600 ft. above the city, the fort was built in 1734. The walls of the fort run along the ridge.

**Galta** – This holy pilgrimage centre has a temple dedicated to the Sun God and has natural springs.

**Science Park** – A unique park in Jaipur providing science education with entertainment by the interactive models.

**Albert Hall (Central Museum)** – Founded in 1876 by Prince Albert. It has a rare collection of archaeological and handicraft items.

**Zoo** – One of the oldest zoos in India with elements of old wild animal keeping methods/techniques, situated in Ram Niwas Garden.

**Birla Planetarium** – offers unique audio-visual education about stars & entertainment with modern computerized projection system.

### SPONSORSHIP

Brochure	Rs. 21,000	Scientific Session	Rs. 35,000 each
Invitation Card	Rs. 12,000	Entertainment	Rs. 50,000
Transport	Rs. 25,000 Per Day	VIP Accommodation	Rs. 25,000 per day
Gate	Rs. 15,000	Breakfast	Rs. 40,000
Inauguration	Rs. 21,000	Lunch	Rs. 98,000
Abstract Book	Rs. 40,000	Tea	Rs. 15,000
Kit Bag	Rs. 50,000	Dinner	Rs. 98,000
Souvenir	Rs. 40,000	Coupons	Rs. 10,000
Gift Items for Kit	500 pcs each	Memento	Rs. 25,000

### ADVERTISEMENT TARIFF

Front Cover Page Half	Rs. 20,000	Full Page	Rs. 10,000
Inside Front/Back Cover	Rs. 15,000	Half Page	Rs. 5,000
Back Cover	Rs. 20,000	Quarter Page	Rs. 2,500
Colour Page	Rs. 12,000		

A Souvenir will be published to commemorate the occasion, containing articles on Neurosciences, Recent advances, Research, medical service Drug Discovery, and Regulatory Affairs which shall be treasure possession for the delegates and all the individuals and Institutions engaged in this scientific field. Advertising in the Souvenir shall be highly beneficial.

Advertisement may be booked by sending the material for publication along with A/C payee Cheque/Bank Draft (Out station) drawn in favour of **IAN 2009**, Payable at **Jaipur**.

Address : Dr. Anurag Tomar, Organising Secretary, IAN 2009, NIMS City Centre, 4, Govind Marg, JAIPUR – 302004 INDIA.  
Mobile: 09829061020

E-mail: [ianjaipur@rediffmail.com](mailto:ianjaipur@rediffmail.com); [anurag@nimsr.com](mailto:anurag@nimsr.com)

**27<sup>th</sup> Conference of Indian Academy of Neurosciences  
December 18 – 20, 2009**

**REGISTRATION FORM**

Receipt No. \_\_\_\_\_ (Office use)

Kindly use full CAPITALS for filling the form

Delegate  IAN Member  PG Student\*

Name: Prof./Dr./Mr./Ms. ....

Academic Qualifications: .....

Designation: .....

Name of the Organization/Institution .....

Accompanying person/spouse name: .....

Mailing Address: .....

City: ..... PIN Code ..... State .....

Country ..... E-mail: .....

Phone: STD Code: ..... (R) ..... (O) .....

Fax: ..... Mobile: .....

**Type of Food Preference** Vegetarian  Non Vegetarian

**Type of Accommodation** Hostel  Campus Guest House

Hotel .....

Payment Details:

1. IAN Member: Rs. ....

2. Delegate: Rs. ....

3. Corporate Delegate Rs. ....

4. Accom. Person/Spouse: Rs. ....

5. PG Student: Rs. ....

6. Others (Accommodation): Rs. ....

Total: Rs. ....

**For foreign delegates only**

Passport No.: ..... Date and place of issue .....

Mode of payment by Demand Draft/At Par Cheque drawn in favour of "IAN 2009" payable at **Jaipur**. In out station cheques please add Rs. 100 as bank collection charges.

D.D./Cheque payable at Par No. .... Dated .....

Bank details: .....

Signature of Delegate ..... Date: .....

**Please mail completed Registration Form with Payment to Conference Secretariat:  
Dr. Anurag Tomar**, Organising Secretary IAN 2009, **NIMS City Centre**, 4, Govind Marg,  
Jaipur-302004 (India); Ph.: 91-141-2604040, 2611020; Fax: 91-141-2605050; Mobile:  
9829061020; E-mail: [ianjaipur@rediffmail.com](mailto:ianjaipur@rediffmail.com); [anurag@nimsr.com](mailto:anurag@nimsr.com)

\* PG students should submit certificate from the Head of the Department.

N.B. Please photocopy this form, if more copies are required.

**Kindly attach your visiting card with this form.**

27<sup>th</sup> Conference of Indian Academy of Neurosciences  
December 18 – 20, 2009

**ABSTRACT FORM**

- Please type the Abstract Form approximately in 250 words.
- Underline the presenting author's name of the study.

**Presentation:** Symposium  Oral  Poster   
Award

**Requirement:** Slide Projector  O.H.P.  L.C.D.

Broad Area

Sub Area

Title of Presentation:

Authors:

Institution:

Abstract:

**Young Scientist Awards**

To recognize the contributions of young researchers working in the area of neurosciences, the Indian Academy of Neurosciences has instituted awards / prizes. Persons willing to be considered for the award may apply directly or get them nominated.

***Tulsabai Somani Education Trust Award***

The award is given for best oral presentation at the annual conference of IAN by young neuroscientist and carries cash prize of Rs.1,500/- (Rupees One thousand five hundred only), memento and certificate.

***Dr. D. M. Kar Prize***

The award is given for best oral presentation at the annual conference of IAN by young neuroscientist and carries a memento and a certificate.

***Professor S. S. Parmar Research Foundation Award***

There are two awards, which are given for best papers presented in the Poster session. The award carries cash prize of Rs. 500/- (Rupees Five hundred only) and certificate individually.

### Accommodation Form

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

Designation ..... Age .....

Organisation/Institution .....

Phone ..... E-mail .....

Accompanying person(s) Name .....

Male/Female ..... Age .....

### Preference of Accommodation

Hotel / Guest house / Lodge ..... Type: Single/Double .....

Hotel 3 star/ 5 star (Rs. 1500/-  3,000/-  5,000/-  8,000 -  12,000/-  16,000)

Accommodation required from ..... to .....

Date and time of arrival: .....

### Mode of Payment

All payments should be made by demand Draft/At Par Cheque drawn in favour of "IAN 2009" payable at **Jaipur**. In out station cheques please add Rs. 100 as bank collection charges.

The registration form along with fee should reach the Organising Secretary latest by **September 30, 2009** to avail the early registration fee offer.

Draft No. .... Date of issue .....

Amount: Registration fee .....

Accommodation charges .....

### Travel Information Form

1	Name	
2	Male/Female	
3	Designation	
4	Organisation/Institution	
5	Accompanying person(s): Name	
6	Place / Country	
7	Telephone number with ISD/STD code	
8	Mobile number	
9	Email	
10	IAN member/Delegate/PG Student/Accompanying Person	
11	Date of Arrival in Jaipur	
12	Mode of Arrival (Train/Bus/Flight/ Car/Other specify) with number	
13	Time of Arrival in Jaipur	
14	Accommodation Requested (Guest House/Hostel/ Hotel Name/Relative/Other specify)	
15	Name of person with whom you would like to share your campus accommodation (If you have requested for Twin Sharing Accommodation)	
	Date of departure	
	Mode of departure (Train/Bus/Flight/ Car/Other specify) with number	
	Time of departure from Jaipur	

To avoid any inconvenience, the participants should send their travel schedule to the Conference Secretariat latest by November 15, 2009

**PHOTOGRAPHS OF VIEW POINTS OF JAIPUR**

**Map of Jaipur**

**Important dates**

Early Registration : September 10, 2009  
Last date for Submission of Award Paper : Sept. 10, 2009  
Last date for Submission of Abstracts : Oct. 15, 2009  
Confirmation of Acceptance of Abstract : Oct. 31, 2009

**Last Date for submission of abstracts  
October 15, 2009**

**Conference Secretariat**

Dr. Anurag Tomar, Organising Secretary  
27<sup>th</sup> Conference of Indian Academy of Neurosciences  
NIMS City Center, 4, Govind Marg,  
Near Moti Doongri Circle, Jaipur – 302004 (India).  
Mobile: 09829061020; Fax: (0141) 2605050;  
E-mail: anurag@nimsr.com; ianjaipur@rediffmail.com