

## 31<sup>st</sup> Annual Meeting of Society for Neurochemistry, India (SNCI)

held at Banaras Hindu University  
on 20th - 22nd September 2017



SNCI conference at Banaras Hindu University

### President's Desk : Prof. M. K. Thakur



Prof. M. K. Thakur

Dear Members,

On behalf of the Society for Neurochemistry, India, and on my own, I feel honored to wish you all a very pleasant and productive new year. It is a pleasure to share with you that the workshop and SNCI conference organized in Sept 2017

at Banaras Hindu University was a grand success. We congratulate Prof. Sukala Prasad and all the members associated with the organization of this wonderful event and sincerely thank all the delegates for their active participation and encouraging feedback. A report on this meeting is included in the second newsletter which has been published with committed efforts of Dr. Rajpal Singh Kashyap and his team of Nagpur chapter. They deserve a special appreciation as the regular publication of newsletter keeps members aware of the activities of the Society. This also provides an opportunity for the members to share their experiences and learn about different scientific gatherings. It is inspiring to

note that many new members with good combination of basic and clinical researchers have joined the Society. We welcome them all and invite them to participate actively in various activities of SNCI. I appeal all members to send us their valuable suggestions which will strengthen the Society. We eagerly look forward to the next annual meeting of SNCI which will be organized by Dr C Saravana Babu and his group of JSS University in the majestic city of Mysore, the cultural capital of Karnataka. During this meeting, like earlier events, a pre-conference workshop will be organized for the early career researchers. This will be in line with the mission of the Society to nurture young scientists, generate trained manpower and promote neurochemistry education and research in the country. I am sure members, particularly the budding neuroscientists, will take the benefit of SNCI activities. Consequently, we shall succeed in achieving our goal to build a strong network of cooperation which will facilitate collaboration and exchange of ideas among researchers and enhance the training of subsequent generations of scientists. We look forward to meeting you all during the 32<sup>nd</sup> annual meeting of SNCI in Mysore.

With warm greetings and best regards.

## PATRON

Prof. K. SUBBA RAO  
Hyderabad

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Prof. M. K. THAKUR  
BHU, Varanasi

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AIIMS, New Delhi

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JSS University, Mysore

Dr. ARVIND KUMAR  
CCMB, Hyderabad

## SECRETARIAT

### SOCIETY FOR NEUROCHEMISTRY INDIA

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### Secretary's Desk : Prof. P. Prakash Babu

I am delighted to note that with the successful workshop and SNCI conference organised at the Banaras Hindu University, we have come a long way from when we first started in 1979. From the beginning, we were clear with our motive to train bright and young minds in the area of Neuroscience / Neurochemistry and with every conference we have held so far, we have only strengthened this commitment.



Prof. P. Prakash Babu

Getting new participants every year while discussing bigger and better ideas in the realms of Neuroscience has been an achievement we should all be proud of. Initiatives such as the newsletter record the content of our conferences and enable a better understanding of our journey. The report of the latest meeting at BHU, the success of which is owed to Prof. Sukala Prasad and everybody else associated, is included in the second newsletter; an accomplishment of Dr. Rajpal Singh Kashyap and his team of Nagpur chapter.

I want to use this space to laud the efforts of Dr. Rajpal Singh Kashyap and his team for facilitating a meet at Nagpur this February. The society is only able to sustain continuously because of the hard work of members such as Dr. Rajpal Kashyap and his dedicated team members who have worked tirelessly towards achieving our goals.

The next annual meeting of the society will be held in JSS University at Mysore, which immediately succeeds the workshop at NIMHANS, Bangalore. I give my best wishes to Dr. C. Saravana Babu and his team. I am confident in their abilities to host yet another successful conference. I also express my best to Dr. D.N. Nandakumar of NIMHANS who are hosting the workshop.

In sincere hope that we build many more successes in future, I convey my best regards and wish everyone a happy year ahead.

### Jt. Secretary's Desk : Dr. Rajpal Singh Kashyap

I congratulate the organizers of the SNCI conference at BHU for the grand success. I am really happy and feeling proud that SNCI is growing from all fronts under the able guidance Prof. Prakash Babu and Prof. M.K Thakur. This year first time we are organizing mid-year SNCI executive meeting in Nagpur to discuss the road map of SNCI for the coming years. I welcome all the SNCI executive body members and SNCI local chapters co-ordinates for this event. I hope fruitful recommendations can be made during this meeting. Lastly, I feel that we all should give back to the society, as far as scientific outcomes of our research are concerned. I also feel honored that Nagpur chapter is releasing a 2nd SNCI newsletter. I am also thankful to our Director Dr. Lokendra Singh & Management of CIIMS for their continuous support. I really appreciate the hard work of Dr. Amit Nayak & Miss Payal Khulkhule for the preparation of SNCI newsletter. I also thank my Guru's Dr H F Daginawala sir and Late Dr G M Taori sir for their blessings.



Dr. Rajpal Singh Kashyap





**Prof. M. K. Thakur**  
*Convener*



**Prof. S. K. Trigun**  
*Co-Convener*



**Prof. V. N. Mishra**  
*Co-Convener*



**Prof. S. Prasad**  
*Org. Secretary*



**Prof. R. Mishra**  
*Treasurer*



**Prof. M. Vinayak**  
*Chief Editor*

The 31<sup>st</sup> Annual Conference of Society for Neurochemistry, India (SNCI) was organized under the theme of National conference on Advances in Research on Neurological Disorders at Department of Zoology during 20-22 September 2017. As preconvention of the SNCI, a workshop on “Application of Neurobiological Techniques to study Neurological Disorders” was also organized jointly at Biochemistry Lab, Department of Zoology and DBT- Interdisciplinary School of Life Sciences (DBT-ISLS), Institute of Sciences, BHU during 15-20 September 2017.

The 31<sup>st</sup> Conference of the SNCI was inaugurated on 20<sup>th</sup> September 2017 by Prof. Subrata Sinha, Director, National Brain Research Centre, Manesar as a Chief Guest at 3.30 PM at Mahamana Pandit Madan Mohan Malviya Centenary Seminar Complex, Institute of Science, BHU followed by his inaugural lecture. Prof. MK Thakur, President, SNCI, Head of Department of Zoology and Coordinator of DBT-ISLS & Dy. Coordinator, UGC-UPE Focus Area II presided over the function and welcomed guests. Prof. K Subba Rao, Univ. of Hyderabad, Patron of SNCI blessed the function as Guest of Honour. Prof. P. Prakash Babu, University of Hyderabad & General Secretary, SNCI welcomed delegates and told about the genesis of SNCI. Prof. S. Prasad, Department of Zoology, BHU welcomed the delegates and established the subject matter of the National symposium after welcoming delegates. During the function, Prof. Subrata Sinha, Prof. K. Subba Rao and Prof. MK Thakur were felicitated by shawls and mementos. At this occasion, the abstract book of the current conference and the first news letter of SNCI were released. Prof. SK Trigun, Dept of Zoology, Co-Convener, conducted the function and Prof. R. Mishra proposed vote of thanks. Thereafter, Prof. Subrata Sinha delivered a key note lecture on “Studied on familial dyslexia help in identifying neurodevelopmental pathways”. The session was chaired by Prof. K. Subba Rao and Prof. MK Thakur. After a high tea break, a plenary lecture was delivered by Prof. K. Subba Rao on “Do sentience, cognition and consciousness represents nature’s communication vehicle?” This session was chaired by Prof. NR Jana and Prof. SK Trigun.

Apart from the inaugural function, key note and plenary lectures, the whole scientific program was divided in to a session on CME (Continued Medical Education) by faculty members of Department of Neurology, IMS, a Panel discussion, seven symposia, two poster sessions during 20-22 September 2017.

On Day 1, the 20<sup>th</sup> September, Symposium I was organized under the chair of Prof. R. Sharma, Shillong and Prof. R. Mishra, Varanasi. During this lectures were delivered by Prof. Anita Jagota, Hyderabad and Prof. PK Roy, Varanasi on “Chronomics of neurodegeneration in aging and Parkinson’s disease: Therapeutic effects of melatonin” and Harnessing endogenous neuroprotection during cerebral insults: Evidence from MRI & brain connectomics.

On Day 2, the 21<sup>st</sup> September, a CME and four symposia were organized. CME was organized under the chair of Prof. Deepika Joshi and Prof. V. N. Mishra, IMS, BHU. During this session, three lectures were delivered by county’s eminent neurologists Prof. SLN Rao, Bangalore, Prof. madhuri Behari, New Delhi and Prof. Meena Gupta, New Delhi. The CME was followed a panel discussion. Prof. Deepika Joshi, Prof. VN Mishra, Prof. RN Chaurasia, Dr. Abhishek Pathak, IMS, BHU and Prof. MK Thakur and Prof. S. Prasad, Department of Zoology, BHU were the panel members.

The Symposium II was organized as a “UGC-UPE Symposium on Brain”. During this symposium, four lectures were delivered on various aspects of aging and neurochemistry by Prof. S. Asha Devi, Bangalore, Prof. Ramesh Sharma, Shillong, Prof. PC Rath, New Delhi and Dr. Vijay Paramaink, Amarkantak on their topics. Session was



*Releasing Abstracts Book*



*Releasing News letter*



*Poster session*



*Poster session*



*Cultural Programme*

## ABOUT SNCI

Society for Neurochemistry, India



# SNCI

 newsletter-2018

Neurochemistry is one of the most rapidly advancing areas of sciences which is multi-disciplinary by nature. Neurochemistry attempts to draw the functioning of the most complex "device" the human brain! Emerging neuro scientists of modern world, including developing countries like India face a high level of challenge in teaching and understanding due to lack of proper training and updates. With this background the Society for Neurochemistry, India (SNCI) started way back in 1979, as University of Hyderabad, Hyderabad as its Headquarters.

Society for Neurochemistry (SNCI) is a registered scientific body in Hyderabad. SNCI promotes neurochemistry by organizing conferences and workshops at many different Universities / institutes across India. These workshops / schools are directed to train young students in basic techniques in neurochemistry / neuroscience. The society inducts neuroscientists as life members and relevant information is sent to them from time to time.

# SNCI

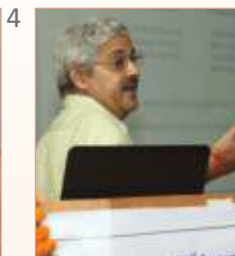


chaired by Prof. MK Thakur, BHU and Prof. Pankaj Seth, NBRC. Thereafter, after the lunch break, posters were presented in the poster session-I by young neuroscientists.

Symposium III was chaired by Prof. PC Rath, JNU and Prof. S. Prasad, BHU. During the symposium, four lectures were delivered. The speakers were Prof. NR Jana, NBRC; Prof. Pankaj Seth, NBRC; Dr. K. Vijayalakshmi, NIMHANS and Dr. Sourav Banerjee, NBRC and Dr. D N Nandakumar, NIMHANS.

Symposium IV was chaired by Prof. S. Asha Devi, University of Bangalore & Prof. M. Singaravel, BHU. Three lectures were delivered in this symposium. Dr. Suhel Parvej, Hamdard Univ, New Delhi; Prof. KR Rajan Bharathidashan university, Tiruchirapalli & Dr. Heena Tabassum, Hamdard Univ, N.Delhi presented their papers on their respective papers.

Thereafter, The GB meeting of SNCI was conducted. Prof. MK Thakur, President SNCI, Prof. P. Praksh Babu, Prof. Rajpal Singh, CIIMS, Nagpur, Prof. S. Prasad were present in the meeting. The Office Bearers of the Society presented reports and conveyed the decision taken in the Executive Council meeting held on 20 Sept. 2017. It was resolved that the next annual meeting of the society will be held by Prof. C. Saravana Babu at Jagaguru Sri Shivarathreewara University, Mysore whereas the workshop will be conducted by Dr. DN Nandakumar, Dept. of Neurochemistry, NIMHANS. It was also decided to release the news letter soon after the conclusion of the current meeting.



Thereafter, a cultural evening was organized in the Mahamana Hall of the Seminar Complex. During the program, a team of the artist led by Prof. Sangita Pandit, Department of Music and Performing Arts, BHU recited the classical Bharat Natyam dance & group dance regional folk songs, musical instruments. The program was followed by Conference dinner.

On Day 3, the 22 September 2017, three symposia, poster session-II and valedictory functions were organized. In Symposia V, four research papers were presented. The speakers were Dr. Akash gautam, University of Hyderabad; Dr. BN Srikumar, NIMHANS; Dr. Ellora Sen, NBRC and Dr. AJ Vanisree, Madras university. The session was chaired by Prof. P. Prakash Babu, Hyderabad and Dr. Praveen Sharma, Jharkhand Central University, Ranchi.

The Symposium VI was chaired by Dr. C. Saravana Babu, Mysore and Prof. M. Vinayak, BHU. During this symposium, Prof. P. Prakash Babu, Univ. of Hyderabad; Prof. Rajpal Singh, CIIMS, Nagpur; Dr. RV Omkumar, RGCB, Trivandrum and Dr. Praveen Sharma, Central Univ. of Jharkhand presented their research papers. The symposium was followed by a lunch break. Thereafter, the Poster Session-II was organized in which posters were presented by budding neuroscientists from across various parts of India.

In Symposium VII, four research papers were presented. The session was chaired by Prof. Rajpal Singh, Nagpur & Dr. RV Omkumar, Trivandrum. Speakers of the symposium were Dr. C.Saravana Babu, Mysore; Dr. ST Mani, Bhatinda; Mr. Ajeet Kumar Singh, Varanasi & Dr. Dinesh Bhatia, Shillong.

Thereafter, valedictory function was organized. Prof. K Subba Rao, Prof. MK Thakur, Prof. Rajpal Singh thanked the organizers for making all-round efforts to make the conference





successful. During the function, certificates were handed over to workshop participants. Two participants expressed their feedback on the hands-on laboratory training and on the organization of the 31<sup>st</sup> Annual conference of SNCI. Prof. Rajpal Singh announced names of three young conference participants based on evaluation of their poster presentations judged by a panel of judges. The prize recipients were provided certificates, mementos and cash prizes. At the end Prof. S. Prasad, the Org. Secretary proposed vote of thanks to SNCI for trusting the vibrant team of Neurobiologists at Department of Zoology, BHU for organizing the meeting at BHU and all delegates who spared their precious time to participate in the meeting. The valedictory function was followed by a valedictory hi-tea.



## **A brief report on the pre-conference hands-on workshop organized under the auspices of the 31<sup>st</sup> Annual Meeting of SNCI**

A pre-conference hands-on workshop on “Application of neurobiological techniques to study neurological disorders” was organized under the auspices of the current SNCI conference by a team of skilled research scholars of Biochemistry Section of Department of Zoology, BHU during 15-20 September 2017. The workshop was formally inaugurated by Prof. MK Thakur, HOD, Dept. of Zoology and Coordinator of DBT-ISLS, Institute of Science in the seminal hall of DBT-ISLS at 10.00AM on 15 September 2017. Prof. S. Prasad, Org. Secretary, SNCI Meeting 2017, welcomed the participants and highlighted the purpose and outline of the workshop and thanked the audience. The program was conducted by Prof. SK Trigun. The structure of the program in general was lecture on relevant topics followed by hands-on laboratory training from 15-20 September followed an interactive session on each day in the evening. 11 participants were selected out of which 10 candidates reported for the workshop based on the merit of applications submitted by large number of applicants.

The laboratory training included developing a sporadic Alzheimer’s disease mouse model, behavioral validation (Novel object recognition and Y Maze test paradigms), immunofluorescence techniques, SDS-PAGE, Western blotting, ECL detection, Real Time-PCR, agarose gel electrophoresis and analysis of results.

### **Names of the selected participants for the workshop are as follows :**

- Mr. Ankit Ganeshpurkar, IIT BHU, Varanasi
- Ms. Ms. Neera Yadav, University of Hyderabad, Hyderabad (could not join)
- Ms. Pooja Kaushik, Jamia Hamdard University, New Delhi
- Mr. Ranjeet Kumar, UCMS, New Delhi
- Ms. Sandhya Sharma, Department of Zoology, BHU, Varanasi
- Mr. Brajesh Singh Chauhan, Department of Biochemistry, BHU, Varanasi
- Ms. Babiangshisha, NEHU, Shillong
- Mr. Pankaj Keshri, Jawaharlal Nehru University, New Delhi
- Mr. Quadir Alam, IIT BHU, Varanasi
- Ms. Ruchi Malwade, University of Hyderabad, Hyderabad
- Mr. Sanjay Kumar, Department of Zoology, BHU, Varanasi

### **The following Research Scholars were the resource persons associated with hands-on laboratory training :**

- Mr. Padmanabh Singh, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Mr. Surya Prakash Pandey, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Mr. Meghraj Singh Baghel, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Ms. Sweta srivas, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Ms. Akanksha Kushwaha, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Mr. Bhabotosh Burman, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Ms. Ela Mishra, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU
- Ms. Vineeta Singh, Department of Neurology, IMS, BHU
- Dr. Vibha Pandey, Biochemistry & Molecular Biology Laboratory, Dept. of Zoology, BHU

### **The pre hands-on training lectures were delivered by :**

- Prof. B.N. Singh, Distinguished Professor, Dept. of Zoology, BHU- Delivered lecture on application of biostatistics in biological research
- Dr. Vijay Paramanik, Asst. Professor, Indira Gandhi tribal University, Amarkantak, MP- Neuroinformatics
- Mr. Lalit Sagar, M/s. Perkin Elmer, New Delhi- Importance of Imaging in Neuroscience Research
- Mr. Sandeep Mazumder, M/s. Gentech, New Delhi- Behavioral Paradigms
- Mr. Sandeep Mazumder, M/s. Gentech, New Delhi- Software based analysis of behavior data obtained from the behavioral paradigms

### **Acknowledgement to Funding bodies :**

The Organizing committee is pleased to acknowledge the financial support from DST & ICMR, Govt. of India; UGC-UPE Focus Area-II (Genomics & Proteomics of Cellular Function); CAS Program in Zoology, BHU, Development and Budget Sections, Banaras Hindu University, M/s Perkin Elmer, New Delhi; M/s Gentech, New Delhi and Science House, Varanasi.

**BEST POSTER PRESENTATION AWARDS**  
**DR. G. M. TAORI YOUNG SCIENTIST AWARD**



Prof. M. K. Thakur presenting Best Poster Award (First Prize) to Mr. Ankit Tanon

**First Prize**

**Mr. Ankit Tanon**, CSIR-IITR, Lucknow

Title : "Bisphenol-A (BPA) mediated defects in myelination protected by curcumin in the hippocampus of rat brain".



Prize recipients together



Prof. K. Subba Rao presenting Best Poster Award (Second Prize) to Ms. Payal R. Khulkhule

**Second Prize**

**Ms. Payal R. Khulkhule**, Dr. G. M. Taori CIIMS, Nagpur

Title : Rapid and cost effective Cocktail ELISA assay for rapid diagnosis of Cytomegalovirus, Varicella Zoster virus and Japanese encephalitis virus.



Prof. S. Prasad Presenting best poster awards (Third Prize) to Ms. Archita Khanna (her colleagues receiving award)

**Third Prize**

**Ms. Archita Khanna**, Department of Zoology, BHU (photo receiving award certificate on her behalf)

Title: Sirt1 as a target for preventing neuro- inflammation and deranged NMDAR composition in adult and old hepatic encephalopathy rats.

**List of Previous Conferences & Workshops organized by SNCI**

- December 9th to 10th 2002 - School of Life Sciences, University of Hyderabad, Hyderabad. Organized by Prof. Prakash Babu
- May 6th to 7th, 2004 - School of Life Sciences, University of Hyderabad, Hyderabad. Organized by Prof. Prakash Babu
- December 29th to 30th, 2004 -Cochin University of Science & Technology, Cochin. Organized by Prof. C.S. Paulose
- Dec16th &17th 2005 - Dr.ALM PGIBMS, University of Madras, Chennai, Organized Prof. by S.L. Maheshwari.
- January 8th & 9th, 2007 - IICB, Kolkata. Organized by Dr. K.P.Mohana Kumar
- January 17th & 18th, 2008 - Department of Neurochemistry, NIMHANS Bangalore, Organized by Prof.M.N.Subhash
- Nov28th & 29th 2008- Guru Nanak Dev University, Amritsar. Organized by Prof. Guru Charan Kaur
- December 12th to 14th, 2009 at Cochin Institute of Technology, Cochin. Organized by Prof. C.S. Paulose and Joint Organizer Dr. R.V.Omkumar, RCGB, Trivendrum.
- 2011
- Jan. 9<sup>th</sup>- 11<sup>th</sup>, 2012 – Central India Institute of Medical Sciences, Nagpur on Rejuvenation Neurochemistry: Bedside to Bench and Back to Bedside organized by Dr. Rajpal Singh Kashyap
- 2015
- December 9<sup>th</sup> – 11<sup>th</sup> December 2016 - CSIR-Centre for Cellular and Molecular Biology (CCMB), Hyderabad on "Recent Trends in Neurological and Psychiatric Research" organized by Dr. Arvind Kumar and Dr. Anant Bahadur Patel.
- September 20<sup>th</sup>-22<sup>nd</sup> 2017 – Banaras Hindu University (BHU), Varanasi India, organized by Biochemistry Lab, Department of Zoology and DBT- Interdisciplinary School of Life Sciences on "Advances in Research on Neurological Disorders"

## Dr. G. M. TAORI Young Scientist AWARD



Dr. G. M. Taori, a well known Neurophysician obtained his FRCP from Canada. Later he also worked in U.K in the Neurology Department. After his return to India, he joined Christian Medical College, Vellore where he was promoted as a professor of Neurology.

In 1973, he returned to Nagpur to take up family responsibilities. He had keen desire to teach and undertake research in various Neurological disorders both infectious and non-infectious. He established Central India Institute of Medical Sciences in Nagpur and had great inclination to establish a research laboratory to have close collaborations with clinicians and research scientists. The institute is now actively involved in research work related to infections and non-infections Neurological and other metabolic diseases to fulfill the dream of late Dr. G. M. Taori.

Society for Neurochemistry (SNCI) is constituted for promoting neurochemistry / neuroscience and to create interest among younger generation towards studying neurochemistry. The SNCI promotes neurochemistry by organizing conferences and workshops at different Universities, research institutes of India. These workshops/schools are directed to train interested young students in the basic techniques in neurochemistry/neuroscience.

To further encourage faculty and students of particular region/place, local chapters are proposed. These local chapters will organize one-day symposium based on specific theme to encourage and enrich knowledge of the students in the neurochemistry/ neuroscience apart from the annual meetings being organized elsewhere.

At present few local chapters of SNCI are formed.

1. Jiwaji University, Gwalior
2. CUSAT, Cochin
3. IICB, Kolkata
4. Dr. G. M. Taori CIIMS, Nagpur
5. University of Madras, Chennai
6. Nehu, Shillong

## Activities of Chennai Chapter



Chennai chapter was initiated in the year 2015 under the great guidance of the Dr.S.Rao(Co-Founder, SNCI) and Dr. P. Prakashbabu, (Secretary, SNCI). Since its inauguration, seminar and workshop were organized with the motto of broadcasting the objectives of SNCI and nurturing Neuroscience. Futuristically, SNCI-Chennai chapter, treading in the path of contribution to the propagation of knowledge in Neurobiology, is planning to organize yet another academic event for the year 2018. The chapter would convene a science meeting with the theme of Neuropsychobiology. The session would involve, in addition to the scientific aspects, the natural ways of maintenance of mental health.

After initiation of the local chapter

- Number of Faculty members : 4 (one member yet to enroll)  
Number of Student members : 8  
Number of abroad members : 1 (yet to enroll)



**Dr. A. J. Vanisree**  
Organising Secretary  
SNCI Chennai Chapter





## Activities of Shillong Chapter



### SNCI Local Chapter Meeting : Shilong

A meeting of the Society for Neurochemistry (India), Shillong Chapter was held to commemorate the opening of the chapter. The meeting was presided over by Prof. P. Prakash Babu, Secretary, SNCI; Dr. Kashyap, Joint Secretary, SNCI; Dr. Sudip Paul, Coordinator, SNCI Shillong Chapter and Dr. Dinesh Bhatia, member, SNCI.

The Valedictory session consisted of the disbursement of certificates to the individual participants, along with the four poster awards (IBRO Best Poster Award, **SNCI Best Poster Award**, **SNCI 1st Consolation Prize**, and the **SNCI 2nd Consolation prize**) were awarded during the valedictory function.



**Dr. Dinesh Bhatia**  
HOD, Dept. of Biomedical Engineering, NEHU



### IBRO/APRC Associate School at Biomedical Engineering Department, NEHU, Shillong :

The Department of Biomedical Engineering, North-Eastern Hill University, Shillong, India organized the first International Brain Research Organization (IBRO) Associate School 2017 in the North-Eastern region with the theme of **“Computational approaches in Neuroprotection and Neurorehabilitation”** to foster research and training in the field of Neurosciences and Neurorehabilitation with focus on North-Eastern states of India and Asia Pacific region at large from 05<sup>th</sup> -10<sup>th</sup> June, 2017.



**Dr. Sudip Paul**  
Co-ordinator,  
SNCI Shillong Chapter  
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**URL:** <http://bispl.net>



Delegates at IBRO/APRC Associate School organized by Biomedical Engineering Department, NEHU, Shillong on 05<sup>th</sup> -10<sup>th</sup> June, 2017





## Activities of Nagpur Chapter



### Mid-Year Executive Meeting of Society for Neurochemistry

The SNCI Nagpur Chapter will host Mid year executive meeting of Society for Neurochemistry on 10<sup>th</sup> Feburaty at CIIMS, Nagpur in the presence of the President, secretary, executive body of the SNCI, Coordinators of local chapters. On this occasion, the Second SNCI Newsletter (Vol 2) will be released.

The SNCI Nagpur chapter sponsored and printed first SNCI Newsletter (Vol 1) which was inaugurated in SNCI BHU conference.

Ms Payal Khulkhule, from SNCI Nagpur chapter, CIIMS, received best poster award for presenting her work on “: Rapid and cost effective Cocktail ELISA assay for rapid diagnosis of Cytomegalovirus, Varicella Zoster virus and Japanese encephalitis virus.” in the 31<sup>st</sup> Annual Conference of Society for Neurochemistry, India (SNCI) organized under the theme of National conference on Advances in Research on Neurological Disorders at Department of Zoology, BHU during 20<sup>th</sup>-22<sup>nd</sup> September 2017.

Under the umbrella of CIIMS and SNCI Nagpur chapter, Dr Amit Nayak imparted training to local Scientist and students on Animal handling and surgery protocol in neuroscience research and Tissue culture handling at Research lab , CIIMS, Nagpur.



First SNCI Newsletter  
Prepared by Nagpur chapter group in 2017



One day conference on "Zoonotic Disease and Neuroinfections"  
organized by CIIMS, Nagpur  
on 6th August 2016



**Dr. Amit Nayak**  
Co-ordinator,  
SNCI Nagpur Chapter



**Ms. Payal Khulkhule**  
Jt. Co-ordinator,  
SNCI Nagpur Chapter



Training to local students on Advance Research Methodology



Presentation by Trainees



## Society for Neurochemistry, India (SNCI)

### MEMBERSHIP FORM

1. Name : \_\_\_\_\_ Designation : \_\_\_\_\_
2. Briefly mention research interest / Field of Specialization : \_\_\_\_\_  
\_\_\_\_\_
3. Recommendation of the Supervisor (*for scholars & postdocs*) : \_\_\_\_\_
4. Type of Membership : ( Life / Annual / Student ) \_\_\_\_\_
5. Details of the payment : ( Cash / Cheque / Draft ) \_\_\_\_\_
6. Work Address : \_\_\_\_\_  
\_\_\_\_\_
7. Mailing address : \_\_\_\_\_  
\_\_\_\_\_
8. Email address : \_\_\_\_\_
9. Tel : \_\_\_\_\_

\_\_\_\_\_  
Signature of the Applicant

|                       |   |                   |
|-----------------------|---|-------------------|
| <b>Membership Fee</b> | <b>Life Membership</b>  | <b>: Rs. 2000</b> |
|                       | <b>Foreign Countries</b>  | <b>: US\$ 100</b> |
|                       | <b>Annual Student Membership</b>  | <b>: Rs. 1500</b> |
|                       | <i>(Regular Students of M.Sc. and Research scholars without fellowship)</i> |                   |
|                       | <i>Note : Please add Rs. 15 extra for outstation cheques.</i>               |                   |

Cheque or DD will be drawn in favour of **Secretary, SNCI** payable at **Hyderabad**

#### (FOR OFFICE USE ONLY)

Life Membership No:

Receipt No:

\_\_\_\_\_  
Signature of the Secretary

**Membership is governed by the constitution and By-laws of the Society for Neurochemistry (India)**

**Note :** This form may be xeroxed.

The duly filled form along with the draft may be sent to **Prof. P. Prakash Babu**, Gen. Secretary, Society for Neurochemistry (India)

**Head Office :** School of Life Sciences, University of Hyderabad, Hyderabad - 500 046. Email: [snci@uohyd.ernet.in](mailto:snci@uohyd.ernet.in); [ppbsl@uohyd.ernet.in](mailto:ppbsl@uohyd.ernet.in)

Tel: 040-23134584; Tel/Fax: 040-23013336; Fax: 040-23010120





## Life sciences & healthcare services by **RESEARCH CENTRE CIIMS**

Dr. G. M. Taori Central India Institute of Medical Sciences, Nagpur

"These services are designed especially for life science students in order to boost their job prospective in industries, higher education and research. These courses will give exposure to the students, academicians and researchers about the use of advanced research technology"

**Animal Cell Culture services**

**Advance Proteomics services**

**Immunoassay services**

**Molecular Biology services**

**Microbiology services**



### Centre for Zoonotic and Neurozoonotic Infectious Diseases (Under ICMR Project)



- Training in animal cell culture, proteomics, ELISA, molecular biology & microbiology.
- Ad-hoc research projects / services, Ph.D works, Dissertation works in Animal cell culture, proteomics, ELISA, molecular biology & microbiology.
- Diploma and certificate courses in animal cell culture, proteomics, ELISA, molecular biology & microbiology.
- Theory and practical training in animal cell culture, proteomics, ELISA, molecular biology & microbiology.

**Best wishes for the release of FIRST SNCI Newsletter 2017**



**Dr. Lokendra Singh**  
Director, CIIMS



**Dr. H. F. Daginawala**  
Hon. Research Consultant, CIIMS

WITH BEST COMPLIMENTS  
**DR. G.M. TAORI**  
**CENTRAL INDIA INSTITUTE OF  
MEDICAL SCIENCES**

Central India Institute of Medical Sciences, Nagpur was established in June 1984 and has completed 32 years of its existence. It has been recognized as a Research Institute by Department of Scientific and Industrial Research, Government of India since its inception. The major aim was to undertake research activity in clinical and basic sciences related to human illness. For the same purpose, CIIMS established a Research laboratory in the year 2000, which is completing 17 years of its fruitful existence. Research Laboratory has 4 wings -

- Diagnostic wing,
- Academic wing,
- Diagnostic kit designing wing,
- Research and outsourcing wing.

Research Laboratory is currently working on tuberculosis meningitis, tuberculosis, Bacterial meningitis (Acinetobacter, Streptococcus, Staphylococcus, Enterobacteriaceae, Micrococcus, Hemophilus, Neisseria, Pseudomonas), Neuroviruses (HSV, EBV, JEV, VZV, CMV, WNV, CHPV), Chikungunya, Neurozoonotic Disorder, Dengue, Stroke and Thrombosis disorder. Research Laboratory has received grants from DBT, DST, ICMR, CSIR and through private institutions and companies. The laboratory has published 100 research papers in National and International Journals. The Institute has been granted two Indian patents for the development of diagnostic kits. CIIMS has constructed Animal House Facility in the premises of Nagpur Veterinary College, Nagpur. The laboratory also conducts hands on training workshops regularly in Immunological, Molecular and Animal Cell Cultural techniques for graduate and postgraduate students, researchers and teachers in life sciences and provides research services to research scholar in and around Nagpur. CIIMS has also developed a Tribal Health Research Centre at Melghat, Amravati, Maharashtra, India.

For details & enquiry please contact ( Between : 10am to 6 pm) to - Dr. Amit Nayak (amit\_ciims@rediffmail.com, Mob. 9767932938)

**Dr. G. M. TAORI CENTRAL INDIA INSTITUTE OF MEDICAL SCIENCES**

88/2, Bajaj Nagar, Nagpur - 440 010. Maharashtra (INDIA) Tel : 0712-2236441(Ext. 762-3); Fax : 0712-2236416; M : 7875445071; e-mail : ciimsresearchlab@gmail.com

# Forthcoming Conference and Workshop of SNCI

## 32<sup>nd</sup> Annual Meeting of Society for Neurochemistry, India (SNCI)

(Dates will be announced later)

For more details contact :

**Organizing Secretary,**

**Dr. Saravana Babu Chidambaram**

**Associate professor and Coordinator,**

Jagadguru Sri Shivarathreeswara University, Mysore  
(M) 904222277 E-mail : csaravanababu@gmail.com



JSS University



JSS College of Pharmacy



Dr. Saravana Babu

### Workshop on Recent Updates in Neurochemical Technique

**Date : 2nd Week of November 2018 • Number of days : 4 days**

**Techniques proposed** (In Dr. Rita Christopher's lab and Dr. Nandakumar's lab)

1. Mass spectrometry based targeted metabolomics
2. Lysosomal enzyme estimation
3. Primary brain tumor culture from glioblastoma patients
4. Tumor migration, tumor invasion assay
5. In-Vitro angiogenesis
6. Real-time PCR, Western blotting
7. Cell viability assay, Proliferation assay, Cell adhesion assay
8. Gelatin Zymography

**Registration Fees**  
for the workshop (Proposed) :

**Rs. 5,000/-**

(Including Workshop Study Materials,  
Breakfast, Lunch and Dinner)

**Number of  
participants :  
12-15**

For more details contact :

**Dr. D. N. Nandakumar**

Asstt Professor, Deptt. of Neurochemistry,  
NIMHANS Hosur Road, Bangalore - 560029  
E-mail : drnandn@gmail.com (M) 9980980228

**Accommodation Fees for the participants :**

(Depends on availability as per the norms of the  
NIMHANS authority)

**Rs. 300/- per person on sharing basis,**

Kabini Hostel Guest Rooms, NIMHANS Campus.



Dr. D. N. Nandakumar



# SNCI

 newsletter-2018

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