



Society for Neurochemistry, India

SNCI

newsletter-2019

Volume 3

October 2019

Email: snci@uohyd.ernet.in

<http://www.snci.uohyd.ac.in>

33rd Annual Meeting of Society for Neurochemistry India (SNCI), 2019

INTERNATIONAL CONFERENCE ON

**Frontiers in Neuroscience and Neurochemistry :
Dynamic Challenges and Approaches**

10th -12th October 2019

WORKSHOP ON

**Neurological Disorders :
Advances in Research
Techniques and
Translational Applications**

13th -19th October, 2019



Organized By:

**Department of Toxicology
School of Chemical and Life Sciences
Jamia Hamdard, New Delhi, India**



For Details:

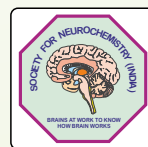
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Organising Secretary

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ABOUT SNCI

Society for Neurochemistry, India



SNCI

 newsletter-2019

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

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

Dear Members,

Greetings from the Society for Neurochemistry, India (SNCI)! Those who attended the 31st Annual Meeting of SNCI and pre-conference workshop at JSS Medical College, Mysuru, will agree with me that it was a great success. We applaud the hard work and sincere efforts of Dr Saravana Babu and his team for this exhilarating event.



Prof. M. K. Thakur

Though this meeting was earlier scheduled in Nov 2018, it could be held in March 2019. The presence of leading scientists from reputed overseas and Indian institutions enhanced the quality of scientific presentations. Like previous years, there were a large number of attendees, particularly the proportion of young participants was very high and their enthusiasm was commendable. This reflects a positive sign for the strength and growth of the Society. Another achievement to publish SNCI newsletter by Nagpur chapter is welcome and appreciated by everyone. This helps the members to remain connected and know useful information related to the subject. We always look forward for your valuable suggestions to improve the activities and take up new initiatives. Now the Society is trying to launch more programs for young researchers through its various chapters. This will be chalked out before we gather for the next meeting of SNCI in Oct 2019 at Jamia Hamdard, New Delhi. The Organizing Secretary of this meeting, Dr Parvez Suhel, has already started to work on developing an exciting scientific program which will attract the participation of all the interested investigators. We are pleased to invite you with your collaborators and students to present the recent research results and enrich the scientific deliberations and discussion. Looking forward to meeting soon in New Delhi and with warm wishes.

Executive Committee Members



Prof. Subba Rao
Hydrabad



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BHU, Varanasi



Prof. Rita Christopher
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Prof. P. Prakash Babu
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Dr. Dinesh Bhatia
NEHU, Shillong



Secretary's Desk : Prof. P. Prakash Babu



Prof. P. Prakash Babu

The society for neurochemistry, India, (SNCI) started way back in 1979, with University of Hyderabad as its Headquarters with clear mandate to train young minds for the neurochemistry/neuroscience. The SNCI organizes its annual meetings in different parts of the country. During annual meetings, young students are encouraged with awards for the best poster and best oral presenter. This will promote young students to take up neuroscience as their career. The society inducts neuroscientists as life members and relevant information is sent to members from time to time.

The society with the help of life members of the society, organise annual meetings at different places in the country. The society is very keen to organise workshops along with the annual meetings to provide hands on training to the young neuroscience researchers. Further, the society encourages members to organize local chapter meetings and workshops in their respective institutes on focused theme.

The society with its members is also helping young researchers when they need help on the specific facilities for the Ph.D research. Further, scholars after completion of their PhD, are guided for further studies like post docs etc. by providing contacts within the country as well abroad.

I am happy to announce that this year 33rd annual meeting is being organized by Prof. Suhel Parvez, Head, Department of Toxicology, School of Chemical and Life Sciences, Jamia Hamdard, New Delhi from 10th to 12th October 2019, followed by workshop for the selected limited participants from 13th to 19th October. This annual meeting is focussed on the Frontiers in Neuroscience and Neurochemistry: Dynamic challenges and approaches. I wish this international conference will be a great success.

I wish him good luck.

Secretary's (Outstation) Desk : Dr. Rajpal Singh Kashyap



Dr. Rajpal Singh Kashyap

From the platform of Society for Neurochemistry, India (SNCI), I would like to address few concerns which are roadblocks in the research program and then how SNCI are taking steps to clear this block to contribute to building our global research work scenario.

Despite of several publications in very good impact factor journal. There are not translated further into the applied research, product or policy. It would be inappropriate to suggest that basic research holds no significance, but it is mandatory for research Institutes and Scientists to design basic research in such a manner so that something meaningful application should come out of it. No need to mention, we as Scientists are working hard on our scientific ventures along with our team, including PhD Scholars by giving our precious time and money, but my personal opinion is, majorly, our efforts go down the drain when their results are not encashed and applied to a deserving platform. SNCI along with ongoing activities will be focused on how Scientist should connect themselves to the society, as we know whatever research we all are doing basically is to satisfy human needs and improve the living standards. SNCI along with whole Scientific Committee will also see to it that how researchers, policy makers, Government, Pharmaceutical and Diagnostic companies join hands and collaborate. So, on a confident note, in the upcoming meeting at Jamia Hamdard which is being organized by Prof. Suhel Parvez and his team, SNCI will definitely discuss & work on these kinds of programs in the coming days.

My Best wishes.

Glimpses of International Conference on **Neurochemistry and Neuropharmacology** **: From Bench to Bedside**

14th – 16th, March 2019



A seven day pre conference workshop was conducted from 7th to 13th, March, 2019 as a part of international conference on “Neurochemistry and Neuropharmacology : Bench to Bedside”. A total of 21 participants from various institutions like NIMHANS, University of Hyderabad, NCERT, Bangalore University, Manipal academy of Higher Education and Research, Punjab University, etc were registered across the different regions of the country. Workshop was formally inaugurated on 7.03.2019, 10.00 am in the seminar hall, Dept of Pharmacology, JSS College of Pharmacy, Mysuru. Dr Pramod Kumar, Principal, Dr Manjula, Head, Dept of Pharmacology, Dr Saravana Babu, Org. Secretary, conducted the inauguration program. Dr Pramod Kumar welcomed the participant, briefed about the national and international ranking of JSS Academy of Higher Education & Research, various accolades, accreditations of JSS College of Pharmacy and JSS academy of Higher Education & Research, Mysuru. The participants were trained for 12 techniques (Morris water maze, elevated plus maze, radial arm maze, open field test, novel object recognition test, vertical and horizontal grid, acute toxicity in fish models, Barnes maze, handling of any maze software, non-invasive BP measurement in rats, animal model of Parkinsonism and stroke) in JSS College of Pharmacy, Mysuru, four techniques (exposure to cell culture lab, cell migration assay, Zymography assay, tandem spectroscopy) in NIMHANS (Z), Bangalore, and neurotransmitters estimation using LC/MS-MS in JSS College of Pharmacy, Ooty. On 10th March, 2019 (Sunday), Mysore local sight-seeing was also arranged for the participants. The workshop was completed on 13th, March, 2019. The techniques taught during the workshop were highly appreciated by the participants. The workshop certificates were distributed to the participants at the end of the conference.

A three day international conference on Neurochemistry & Neuropharmacology : From Bench to Bedside was held between 14th to 16th, March 2019 at Sri Rajendra Auditorium, JSS College of Pharmacy, Mysuru. The conference was inaugurated at 10.00 am on 14th March, 2019, with Dr Suresh B as





the chief guest, Dr MK Thakur, Banaras Hindu University, Varanasi, Dr Prakash Babu, Pro-Vice Chancellor, University of Hyderabad and Dr Rajpal S Kashyap, CIIMS, Nagpur as the guests of honour, Dr TM Pramod Kumar as President, Prof, Gilles Guillemain, Macquarie University, Australia, Dr BJ Song, NIAAA, National Institute of Health & Dr Sulie L Chang as distinguished guests. Dr B Suresh delivered Chief guest address, Dr TM Pramod Kumar gave presidential address & Dr Gilles delivered the keynote address. Dr Babu declared that the conference was started formally.

In the three day conference 26 speakers presented their hypotheses, research finding, clinical problems and strategies to ameliorate the neurological problems. During the first day of the conference presentations and discussions were made on Alzheimer's disease, Parkinsonism, cerebral stroke, traumatic brain injury, epilepsy and brain tumor etc. Prof Gilles explained how Tryptophan is an essential amino acid which has to be acquired from the diet as our human body is not capable of producing it in significant amount and how it is connected to Neuro-inflammation. Dr Essa, Sultan Qaboos University insisted the importance of nutrition on brain function. Dr. Muthiah Ramanathan explained how to improve neuronal survival in tumor condition. A separate hall was dedicated for the poster presentation. Fifty young research scholars were made presentation on their research work. Three judges from various institutions evaluated their poster content and interacted with the students.

In the day two of the conference, Dr. Byoung-Joon (B.J.) Song explained the role of cellular proteins and their roles in aggravating brain related problems and how to manage the same. Dr Subbiah Pugazhendhi, University of Colorado, USA, explained the link between metabolic diseases & Alzheimer's disease. Dr Kishore, Psychiatrists, JSS Hospital, explained the chemical mediators involved in the depression and how clinicians can correlate and extrapolate the drug therapy. Dr Rajnish Chaturvedhi, CSIR-IITR, Lucknow, explained the treatment strategies for Alzheimer's

disease. Dr MK Thakur, explained the chemical mediators involved in memory. Dr Thirunavukarasu, Bharathiar University, Coimbatore, explained how chronic alcohol intake can lead to cancer in a very descriptive way. Dr Varalakshmi, University of Hyderabad, explained the relationship between Physical activity, social engagement, cognitive and mental health in older adults. In a separated hall, 20 research scholar made oral presentation which was evaluated by three judges.

On the third day of the conference, Dr Sulie L chang, USA, explained the adverse effects of narcotics, and alcoholism and how it affects brain in adolescents. Finally, Dr Padmanaban, NIMHANS, presented his work on creating new hit molecules in the treatment of brain cancer. The delegates expressed the content of the conference we very informative and useful.

The delegates had discussed with speakers & established new scientific connections. The valedictory function started at 12.30. Dr Thakur, President, SNCI, expressed sincere thanks to JSS Academy of Higher Education and Research, The Principal, JSS College of Pharmacy, Dr Manjula, HoD, Department of Pharmacology and Dr Babu, for organizing the conference in a very systematic way. Dr Thakur also expressed that accommodation and hospitality were very good. Awards were given to the poster and oral presentation winners, Food and Brain Research Foundation gave life time achievement award to Dr Gilles, Dr Sulie and Dr Song. Dr Manivasagam and Dr Justin Thenmozhi, Annamalai University, Tamilnadu, received young Scientist award. Dr TM Pramod Kumar, thanked the SNCI for the opportunity to conduct the conference in JSS College of Pharmacy, Mysuru. Delegates from pre-conference and conference gave positive feedback and expressed their thanks. Dr Babu finally delivered the vote of thanks and concluded that the conference ended in a very successful way.



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 he 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.

BEST ORAL PRESENTATION AWARD



Ms. Navya Lakkappa, JSS College of Pharmacy, Ooty, Tamil Nadu, India received First Prize in Oral Presentation



Dr. Monjuri Borkotokey, NIMHANS, Bangalore received Second Prize in Oral Presentation

BEST POSTER PRESENTATION AWARDS



Minu Rani Dalaj, School of Life Sciences Hyderabad, received, Suven Life Science Awards for Best Poster Presentation (First Prize)



Mrs. A. M. Mahalakshmi (Lt) & Ms. Sheena Shaikh (Rt) received Second Prize which is shared by them.

YOUNG SCIENTIST AWARD



Dr Justin Thenmozhi, Annamalai University, Tamilnadu, received Young Scientist Award.



Dr Manivasagam received Young Scientist Award.

LIFE TIME ACHIEVEMENT AWARD



Food and Brain Research Foundation gave Life Time Achievement Award to Dr. Sulie



Food and Brain Research Foundation gave Life Time Achievement Award to Dr. Song



Food and Brain Research Foundation gave Life Time Achievement Award to Dr. Gilles

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.



NAGPUR CHAPTER

Co-ordinator
Dr. Amit Nayak



BANGALORE CHAPTER

Co-ordinator
Nandakumar



MYSORE CHAPTER

Co-ordinator
Dr Saravana Babu Chidambaram



SHILLONG CHAPTER

Co-ordinator
Dr. Sudeep Paul



CHENNAI CHAPTER

Co-ordinator
Dr. Vanisree



VARANASI CHAPTER

Co-ordinator
Prof. S. Prasad





Activities of Nagpur Chapter



SNCI Nagpur Chapter at a Glance

Numbers of conference / symposia organised : 2

Number of Workshop organised : 1

Numbers of Life Members : 36

Number of Annual Members : 0

After the success of the first Newsletter, Nagpur chapter of SNCI continued to prepare Second SNCI Newsletter which was inaugurated at 33rd Annual Conference of SNCI held at Mysore between 14-16 March 2019.

Nagpur chapter designed and prepared two Award Plaques for Dr. G.M. Taori Award Plaque & Suven Life sciences respectively under the guidance of President, secretary & Joint secretary of the society. First time the award plaques were given to the first winner of the oral and poster session along with certificate and cash price during Mysore meeting held in March 2019 .



Dr. G. M. Taori Award Plaque prepared by CIIMS



Suven Life Sciences Award Plaque prepared by CIIMS



Dr. Amit Nayak
Co-ordinator,
SNCI Nagpur Chapter



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



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. Prakash Babu, (Secretary, SNCI). Since its inauguration, seminar & workshop were organized with the moto of broadcasting the objectives of SNCI & nurturing Neuroscience. Futuriscally, SNCI-Chennai chapter, treading in the path of contribution to the propogation of knowledge in Neurobiology



NEUGLIA'19

A SYMPOSIA ON “Molecular Pathology of Neuronal and Glial Cell Diseases and Combating Strategies”

20th-21st August 2019



Neuglia'19, a two-day symposium on “Molecular Pathology of Neuronal and Glial Cell Diseases and Combating Strategies” was successfully organized by the Department of Biochemistry, University of Madras and SNCI, Chennai Chapter during the month of August 2019 (20th & 21st). The Chennai Chapter, SNCI was honored by the gracious presence of President of SNCI Dr. M K. Thakur and Secretary of SNCI Dr. P. Prakash Babu, who had enlightened the participants from regional and national institutions by their inspiring address and talks during the event. The symposium was adorned by the diversified lectures by neurobiology experts from renowned institutions across the country. There were two plenary lectures, one special lecture and nine invited lectures along with an young scientist session with two speakers. The student delegates from various institutions like Bharathidasan University, JIPMER, Mumbai, University of Kerala, and Mysore have shown interest and actively participated in the symposium. An EC meeting convened by President and Secretary of SNCI was scheduled on day 1 in which joint-secretary and chapter co-ordinators have participated. The EC members have discussed various matters about the activities of the society and certain important decisions were also taken. An appreciable number of students presented their research paper during oral and poster session of the symposium. During the valedictory function, Secretary had provided a note on the significances and accomplishments of SNCI. The valedictory address was delivered by Dr. H. Devaraj, Former UGC- Vice Chairman, followed by the concluding remarks by Dr. Rajpal Singh Kashyap, Joint-secretary SNCI. The faculties from the host and neighboring institutes have participated in the symposium making it a memorable event.



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



Mid-Year Executive Meeting of Society for Neurochemistry

held in Chennai on 20th August 2019





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

Membership Fee	Life Membership	: Rs. 3000
	Foreign Countries	: US\$ 100
	Annual Student Membership	: Rs. 1000
	<i>(Regular Students of M.Sc. and Research scholars without fellowship)</i>	

Note : Please add Rs. 15 extra for outstation cheques.

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; ppbsl@uohyd.ernet.in
Tel: 040-23134584; Tel/Fax: 040-23013336; Fax: 040-23010120



OUTSOURCING WING

- PhD Programs : In Clinical Biochemistry Medical Biotechnology & Medical Microbiology subjects
- Contract Research Service : Based on Immunology, Molecular Biology, Animal Cell culture, Proteomics & Microbiology.
- Dissertation Services.
- Trainings : Training programmes Based on Immunology, Molecular Biology, Animal Cell Culture, Proteomics & Microbiology.
- Intensive Skill Development Certificate course on Research & Development in Health Services

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(97679 32938) (95617 67703)

TECHNOLOGY TRANSFER WING

Diagnostic kits under process

- 1) M. TB PCR kit
- 2) Zoonotic panel kit
- 3) Bacterial Meningitis panel kit
- 4) Neuroviruses panel kit

Sample Bank (10,000 Body fluids) CSF, Serum, Pleural fluid, Ascitic fluid, Sputum DNA, CSF DNA, MTB Isolates (CSF/Sputum), MDR Samples

Contact Details :

Ms. Sheena Shaikh **Ms. Rucha Parsodkar**
(9970827274) (78753 54498)



PROJECT / PUBLICATION / PATENTS / PRODUCTS / LINKAGES

Research Grant received (n=12)

Completed Projects : (n=10)

Major Funded Projects : ICMR Funded Project on Zoonotic infections

Ongoing Projects (n=2)

1. UK Sanctioned Project on *C. difficile*
2. DBT Sanctioned Project on Brucellosis in collaboration with NEHU, Shillong

Publications: 108 Patents : 7 (4 in process)

Products developed : >30

Policy Document : 3 (in process)

National Collaborations : 47

International Collaborations: 5

SATELLITE CENTER

**Dr. G. M. Taori - Jamnalal Bajaj Tribal Research Centre
Melghat**



DIAGNOSTIC WING

1. Molecular Test

- Conventional PCR
- TB-PCR
- Duplex PCR
- Bacterial Meningitis PCR Panel
- Quantitative Real Time PCR

2. Immunological Test

- TB-Biomarker Test
- Neuroviruses IgG/IgM test
- CHIKV IgM Test
- ADA Test

3. Zoonotic Test Panel

- Listeria PCR/IgM/Culture
- Brucella PCR/IgM/Culture
- M.bovis PCR/IgM/Culture
- Cryptococcal Antigen
- Scrub Typhus IgM test

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

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International Conference on Neurochemistry and Neuropharmacology : From Bench to Bedside

held at **Sri Rajendra Auditorium**, JSS College of Pharmacy, Mysuru
on 14th – 16th, March 2019



International conference at Sri Rajendra Auditorium, Mysuru



SNCI newsletter-2019

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