

# SNCI

SOCIETY FOR NEUROCHEMISTRY, INDIA  
newsletter-2022

SEPTEMBER 2022

VOLUME 4

Email: [snci@uohyd.ernet.in](mailto:snci@uohyd.ernet.in)

<http://snci.org.in>

## SNCICON - 2022



### SNCI ANNUAL WORKSHOP 2022

on

**Clinical & Translational Research in Neurological Disorders**

**5-9th November 2022**

INTERNATIONAL CONFERENCE ON

**One health and Translation  
Research in Neurosciences**

and

**36<sup>th</sup> Annual Meeting of Society for  
Neurochemistry India (SNCI), 2022**

**10-12th November 2022**

JOINTLY ORGANIZED BY

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

88/2, Bajaj Nagar, Nagpur - 440 010. Maharashtra (INDIA)

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**Indian Institute of Information Technology**

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JOINT ORGANIZER

**Dr. Mayur Parate, IIIT, Nagpur**

Assistant Professor; Indian Institute of  
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**Dr. Richa Makhijani,**

Assistant Professor; Indian Institute of  
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**Dr. Rajpal Singh Kashyap**

Director research, Research Centre  
CIIMS Nagpur

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## ABOUT SNCI

Society for Neurochemistry, India

# SNCI

*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.*

## EXECUTIVE BODY OF SOCIETY



**PRESIDENT**  
**Prof. M. K. THAKUR**  
BHU, Varanasi



**VICE PRESIDENT**  
**Prof. RITA CHRISTOPHER**  
NIMHANS, Bangalore



**SECRETARY General (H.Q)**  
**Prof. P. PRAKASH BABU**  
UoH, Hyderabad



**SECRETARY (Out Station)**  
**Dr. RAJPAL SINGH KASHYAP**  
Dr. G. M. TAORI CIIMS, NAGPUR



**TREASURER (H.Q)**  
**Dr. VARALAKSHMI MANCHANA**  
UoH, Hyderabad



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**Prof. SUHEL PARVEZ**  
Jamia Hamdard, New Delhi



**EXECUTIVE MEMBER**  
**Dr. OMKUMAR**  
Thiruvananthapuram, Kerala



**EXECUTIVE MEMBER**  
**Dr. DINESH BHATIA**  
NEHU, Shillong



**NAGPUR CHAPTER**  
Co-ordinator  
**Dr. AMIT NAYAK**



**BANGALORE CHAPTER**  
Co-ordinator  
**Dr. NANDAKUMAR D. NANJIAH**



**MYSORE CHAPTER**  
Co-ordinator  
**Dr SARAVANA BABU CHIDAMBARAM**



**SHILLONG CHAPTER**  
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**Dr. SUDEEP PAUL**



**CHENNAI CHAPTER**  
Co-ordinator  
**Dr. A. J. VANISREE**



**VARANASI CHAPTER**  
Co-ordinator  
**Dr. SUKALA PRASAD**



**HYDERABAD CHAPTER**  
Co-ordinator  
**Dr. KOTA ARUN KUMAR**

### SECRETARIAT

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**Prof. M. K. Thakur**

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

I am delighted to write this message for 4<sup>th</sup> volume of the SNCI newsletter-2022. We have witnessed the challenging time of a dreadful pandemic and many of us have lost our dear and near ones. Besides several sufferings, the Covid pandemic has also taught us many lessons. We have become versed in using online platforms extensively for conducting meetings and delivering lectures. This helped the Executive Committee members to meet frequently, discuss different concerns and take prompt decisions. I appreciate the selfless attitude of our members who always think in the interest of Society and cooperate in every activity. It's heartening to know that some of the SNCI chapters were quite active and organized many activities. In contrast, a few chapters could not do any noteworthy activity. I suggest they take the help of active chapters and consult the

headquarters for any assistance if required. For the last two years, our Society has conducted annual conferences online. These conferences were successful, but we missed meeting each other face to face. Now the traveling condition has improved and we are eager to physically participate in the forthcoming annual conference this year. As in the past, we will have pre-conference events like a satellite meeting at NEHU and a workshop at Nagpur. I am very happy that the SNCI conference-2022 will be organized jointly by CIIMS and IIIT, Nagpur. This joint venture has been possible due to the sincere efforts of Dr Rajpal Singh Kashyap and his collaborators. The organizers are enthusiastically developing a very impressive scientific program and keenly making all the necessary arrangements. We invite you to participate in this exciting event along with your colleagues and students. We eagerly look forward to meeting you all in Nagpur and sharing our research experiences. Best wishes,



**Prof. P. Prakash Babu**

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

The Society for Neurochemistry, India (SNCI) was founded in 1979, with the University of Hyderabad as its Headquarters with a clear mandate to train young minds for the techniques in neurochemistry/neuroscience. The SNCI organizes its annual meetings in different parts of the country. During annual meetings, young students are encouraged to award the best poster and best oral presenter. Young students will be motivated to pursue careers in neuroscience and neurochemistry by awards and training. Society inducts neuroscientists and scholars as life members. The society has 10 local chapters across the country, the coordinators of the local chapters organise small meetings/workshops for the local students.

With the help of life members, organizes annual meetings and workshops at different institutes and universities across the country. Society is keen to organize workshops to provide hands-on training to young neuroscience researchers. Further, the society encourages members to organize local chapter meetings and workshops in their respective regions on a focused theme.

The society with its members helps young researchers when they need help on the specific research facilities in different labs. Further, research scholars will be advised on career development after Ph.D.

I am happy to note that the 36<sup>th</sup> SNCI-2022 Annual meeting and International Conference is being organised by the Dr. G.M. Taori Central India Institute of Medical Sciences, Nagpur from November 10<sup>th</sup> to 12<sup>th</sup> 2022. Theme of the conference is "One health and Translation Research in Neuroscience". I appreciate and thank Dr. Lokendra Singh, Director, Dr. Taori CIIMS for his approval and constant help and encouragement to the society. Dr. Rajpal Singh Kashyap, Director (Research), CIIMS being the main Organizing Secretary and Dr. Amit Nayak, Local Chapter Coordinator and their



**Dr. Rajpal Singh Kashyap**

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

"On 15th august, Prime Minister given the new slogan to the country "jai Jawan jai Kisan jai Vigyan (Science) jai Anusandhan (Research). This show, of course the past was important but definitely future will be about Science and Research in India. With this the responsibilities of the scientists increased to see to it that whatever research we are doing should be translated and should reach to society. This conference is all about this aspect that whatever the research we have done Should have some translation aspect and should collaborate with concerned agencies as everything cannot be done by a single lab or institute. Here the role of one health comes into picture means we all have to work under one umbrella to achieve the objective. The important part of this conference is the inclusion of engineers who can assist a lot in the Clinical and Translational research. I'm sure looking into the theme of conference something will come out in the deliberations which will be ultimately useful for the society and research outcome goes to the last person of the society and we will try to make true our honorable prime minister added slogan "Jai Anusandhan" in front of jai Jawan jai Kisan jai Vigyan"

group of Scientists are involved. The pre-conference workshop is also being organised at CIIMS from 7<sup>th</sup> to 10<sup>th</sup> November 2022 on "Clinical and Translational Research in Neurological Disorders". Themes of the Conference and Workshop was well thought and reflect the need of the hour to train young minds.

In this connection, I welcome all the participants on behalf of the society and on my behalf. I wish this international conference and workshop will be a great success.

I wish the organizers good luck.

## The 35<sup>th</sup> Annual Meeting of Society for Neurochemistry, India (SNCI 2021) and INTERNATIONAL CONFERENCE ON **Neurodegeneration and Cognition : Recent Advances in Neurological Diseases**

2<sup>nd</sup>-4<sup>th</sup> December 2021 at Hyderabad, India



The 35<sup>th</sup> Annual meeting of Society for Neurochemistry, India (SNCI 2021) and International Conference on Neurodegeneration and Cognition: Recent Advances in Neurological Diseases was successfully organized from 2<sup>nd</sup>-4<sup>th</sup> December 2021 at School of Life Sciences, University of Hyderabad, Hyderabad, India. The SNCI 2021 was organized by the Society of Neurochemistry, India (SNCI), with Prof. P. Prakash Babu, Department of Biotechnology as the Convener and Prof. Ramesh Kumar Mishra, Head Centre for Neural and Cognition Biology as the Organizing Secretary. The conference was funded by iBrain Grant and Noema Foundation for Research, Hyderabad. This conference was organised on a hybrid platform.

SNCI 2021 International conference served as a forum to bring together Clinicians, Scientists and Industry professionals working in the area of neurodegeneration and cognition to discuss the recent developments and their application in the therapy of neurological diseases. The conference was truly international and was attended by speakers and participants from Asia, Australia, Europe and American continents.

The conference was Inaugurated on 2<sup>nd</sup> December 2021 by the honorable Vice Chancellor of University of Hyderabad, Prof. B. Jagadeeshwar Rao. Dr. Subhash Kaul from Department of Neurology, Krishna Institute

of Medical Sciences was the Guest of Honor. The highlights of conference were the Keynote lecture by Prof. Amitabh Chattopadhyay, a celebrated researcher and SERB Distinguished fellow from CSIR-CCMB and Plenary Talk by Dr. Manas Panigrahi, a well-known clinician from Department of Neurosurgery at KIMS, Hyderabad. The conference hosted seven symposia and more than 20 invited lectures with close to 100 participants. 20 Oral presentations and 18 poster presentations were made by the participants. G. M Taori Memorial Award was given to the best oral presentation and Suven Life Sciences award was given to the best poster presentation. To encourage the participants, additionally, one consolation award was given in both the categories from SNCI, India.

More than 20 speakers from USA, Spain, Israel and Australia have participated in the conference. There were more than 50 exciting and stimulating talks during the conference and a very active participation from all the attendees was the special attraction during the sessions. At the end of this scientific fiesta, the valedictory function was chaired by the Chief guest, Dr. Kumarsamy Thangraj, Director CDFD, Hyderabad. The conference was concluded by a vote of Thanks note to all the participants and speakers presented by Prof. P. Prakash Babu, the convener of the conference and also the Secretary General for SNCI, India.





**ON SITE NATIONAL WORKSHOP ON  
 Advanced Research Techniques for Cellular  
 and Molecular Systems in Neuroscience  
 08<sup>th</sup>-14<sup>th</sup> December, 2021**



The proposed workshop was aimed at exposing young scientists with the recent advances in neuroscience research. The event was inaugurated on 08<sup>th</sup> December 2021 by the chief guest, Mr. S S Kohli from Department of Science and Technology, Ministry of Science and Technology, Govt. of India. By the end of the workshop, students had clear and thorough understanding of advanced research techniques like Electron Microscopy (TEM), Fluorescence Microscopy, NMR spectroscopy, UPLC-MS, Bioinformatics tools, in vivo electrophysiology and flow cytometry. Also, students were exposed to various alternate models of experimentation apart from animal model like cell culture, Drosophila and C. elegans and acquired a basic understanding of the working with these alternative models used in neuroscience. Apart from this, the participants were exposed to various surgical models established in present day neurological research such as Alzheimer's, stroke and traumatic brain injury. At the end of the workshop, students also achieved the vast knowledge of translational aspects of present-day neuroscience research using various computational and clinical research tools. The proposed workshop was relevant in establishing the interdisciplinary bridge between pre-clinical and clinical research in neuroscience through various technical sessions and hands on practice.



**Participation Information:**

S.No	Participation in the event	Nos.
I.	Key-not speakers	13
II.	Senior Scientist	05
III.	Young Scientist	08
IV.	Postgraduate Students	00
V.	Undergraduate Students	00
VI.	Industry persons	00
VII.	Other category (Please specify each category) Research Scholars	15



**ORGANIZER**

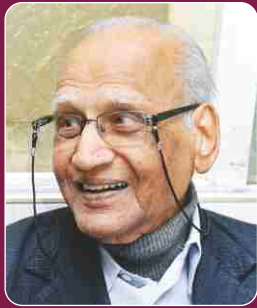
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# Awardees of SNCI Conference



**35<sup>th</sup> Annual Meeting of Society for Neurochemistry, India (SNCI)**  
and  
**INTERNATIONAL CONFERENCE ON**  
**Neurodegeneration and Cognition : Recent Advances**  
**in Neurological Diseases**



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.

## Dr. Taori Memorial Award For Oral Presentations



**1<sup>st</sup>  
PRIZE**

**Pradeep Kumar Nambi**  
Dept. of Anatomy,  
University of Madras



**2<sup>nd</sup>  
PRIZE**

**Zeeshan Akhtar Khan**  
Dept. of Animal Biology,  
University of Hyderabad

### Consolation PRIZES



**Mansi Kalonia**  
Dept. of Biotechnology,  
University of Hyderabad

**Bedaballi Dey**  
Uppal Road, Hyderabad

## Suven Life Sciences, Pharma Award for Best Poster Presentation

**1<sup>st</sup>  
PRIZE**

**Shraddha Tripathi**  
Haryana BITS,  
Pilani- Hyderabad

**2<sup>nd</sup>  
PRIZE**  
*(sharing)*



**Shailaja Karri**  
University of Hyderabad



**Mydhili R**  
Hyderabad

### Consolation PRIZES

**Liam Goldman**  
Augusta University, Augusta GA



**Mohamad Sultan Khan**  
University of Hyderabad



**Swapna K.K.**  
Dept. of Biophysics,  
NIMHANS





## Activities of North East Chapter, Shilong



**North-Eastern Hill University**  
NEHU Campus, Shilong -793022 (Meghalaya)



**SOCIETY FOR NEUROCHEMISTRY, INDIA (SNCI)**  
BRAINS AT WORK TO KNOW HOW BRAIN WORKS

### ON THE 3-DAYS NATIONAL SEMINAR / WORKSHOP ON

## Economics and Social Impact of Medical Devices on the Healthcare Sector in the Country

Jointly organized : **The Design Innovation Centre (DIC) and Department of Biomedical Engineering, NEHU, Shillong**

Sponsored by : **ICSSR NERC NEHU and DIC**

**28th– 30th April 2022, NEHU, Shillong**



**Dr. Jitendra Sharma,**  
MD and CEO, AMTZ and Executive  
Director, KIHT, Vishakapatnam



**Mr. Vipin Tyagi**  
Director and Co-Founder,  
Inmito Meditech Pvt. Ltd., Delhi



**Dr. Mukesh Jain,**  
Chairman and CEO, CV  
Laser Pvt Ltd, Australia



**Dr. Sanjeev Kubakaddi,** ITIE  
Knowledge Solutions,  
Bangalore



**Mr. Rajiv Varyani**  
Senior Program Consultant,  
Ontario Ministry of Health, Canada

The aim of this three day event being jointly organised by the Design Innovation Centre(DIC) and Department of Biomedical Engineering, NEHU, Shillong, Meghalaya was to bring forth experts from academia, industry, healthcare institutions, different government agencies, medical experts, venture capitalists etc. to deliberate, outline vision and provide roadmap for development of the medical technology sector in the country and how it would help in developing the north east part of the country with its abundant resources and untapped talent to meet the growing needs of the healthcare market in the country.

The eminent address of speakers for the workshop include Dr. Jitendra Sharma, MD and CEO, AMTZ and Executive Director KIHT; Dr. Sanjiv S. Nongbri, Joint Director, Health Research, Govt. of Meghalaya; Prof. B. Panda, Hon. Director, ICSSR-NERC, NEHU, Shillong; Prof. Neeta Maheskar, Director, NEIAH, Shillong; Prof. C. Daniella, HoD, Radiology Department, NEIGHRIMS, Shillong, Dr. Punit Gautam, Joint Coordinator ICSSR, NEHU, Prof. B. Panda, Honorary Director, ICSSR-NERC, NEHU and Guest of Honour & the chief guest who also inaugurated the workshop, our Hon'ble Vice Chancellor Prof. Prabha. Shankar. Shukla

The speaker's helps interns learn about Innovation, Entrepreneurship and modern business practices. Industry experts from India and abroad such as Australia and Canada joined the session virtually during the Seminar to share their experience with the participants. Local entrepreneurs within state and across

Dr. Dinesh Bhatia, Coordinator, ICSSR Seminar delivered the welcome speech and the opening remark to all present at the workshop. He stressed upon the involvement of health experts from various category and he welcomed the dignitaries and apprised regarding the objective of the proposed International Seminar cum Workshop while Professor D. Syiem, Director, DIC emphasised the role of Design Innovation Centre in the University and what



**Prof. M. Manivannan,** IIT  
Madras



**Dr. Neeta Maheskar**  
Director, NEIAH, Shillong



**Dr. Subhrangshu Sanyal**  
CEO,  
IIM Calcutta Innovation Park



**Flo Oberhofer**  
German Social Entrepreneur,  
Program Head PRIME Meghalaya  
and IIM Calcutta Innovation Park



**Dr. Abhigyan Bhattacharjee,**  
NEHU, Tura Campus



**Dr. Lahunlang M. Sohliya**  
CMC, Vellore



**Prof. Prakash Babu,**  
General Secretary, SNCI,  
University of Hyderabad



**Mr. Deepak D Laloo**  
Advisor, Rural Tourism  
Developer Meghalaya  
Additive Manufacturing Advocate



**Mr. Srujan Kotum**  
Co-Founder, Le Organica  
3D Printing Engineer & Educator



**Prof. (Dr.) C. Daniala**  
Medical Superintendent &  
HoD, Department of Radiology,  
NEIGHRIMS, Shillong



## Activities of North East Chapter, Shilong

### EVENT ORGANIZERS



**Prof. P. S. Shukla**, CHIEF GUEST  
Vice Chancellor, NEHU,  
Shillong, Meghalaya



**Prof. Bhagirathi Panda**  
Honorary Director, ICSSR-NERC,  
NEHU, Shillong



**Dr. Dinesh Bhatia**  
Coordinator,  
NEHU, Shillong



**Prof. Don Syiem**  
Director, Design Innovation Centre,  
NEHU, Shillong



**Dr. Punit Gautam**  
Joint Coordinator, NEHU, Shillong

roadmap has been planned so that knowledge can be shared and passed on from the experienced persons to the enthusiastic younger generation so that they may develop innovative low cost technologies which could benefit the society. At the same time, the Vice Chancellor, NEHU mark the importance of Innovations, development of new technologies in collaboration with the other institutes in the region and the country. He emphasized on conducting such events on a regular basis so that stakeholders can be appropriately benefitted.

About 71 participants were present in the workshop including faculty members, research scholars and students from Biomedical Engineering, NEHU and some from other departments from NEHU campus.

The sub-theme of the event focusses on “**The Growth of Medical Devices in India- Towards Atma Nirbhar Bharat**”. During the workshop the expert speakers covered all the topics on “**Economics and Social Impact of Medical Devices on the Healthcare Sector in the Country**”.

### ORGANIZER

**Donkumar Syiem**

Director, Design Innovation Centre (DIC)  
NEHU, Shillong

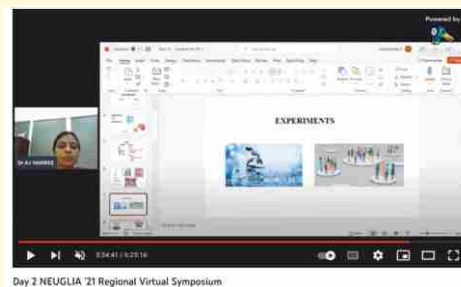


## Activities of Chennai Chapter

### SYMPOSIUM ON

## Basic Insights of Neuroscience Against Neurological Stress

22<sup>nd</sup> and 23<sup>rd</sup> November 2021



The SNCI Chennai chapter has organized a Two-day Virtual Symposium on “Basic insights of neuroscience against neurological stress” from 22<sup>nd</sup> and 23<sup>rd</sup> November 2021 in association with Department of Biochemistry, Ethiraj College for Women (Autonomous) Egmore, Chennai. The inaugural function of the Virtual event called “Neuglia'21” on StreamYard platform hosted by the autonomous institute was initiated by Dr. Prakash Babu, Secretary General SNCI, who had addressed the young college/University students with educative information on neuro research during his inaugural address. Two invited lectures were scheduled on day one of the symposium; academic invitees, Dr. C. Saravana Babu, JSS College, Mysore and Dr. Dinesh Bhatia, North Eastern Hill University (NEHU), Shillong delivered enlightening lectures in their areas of specialization. In order to instigate the research interest among young students, topics pertaining to neurobiology were given and competitions such as Biocartooning and Neuglia-creative writing were conducted on day one of the symposium, which had attracted a greater number of young participants.

On the day two, invited lectures were presented by Dr. A. M. Mahalakshmi, JSS College, Mysore and Dr. J. Jayalakshmi, University of Madras. Additionally, an interesting episode of neuro quiz was conducted for the students. At the end of the two-day Virtual Symposium, as a final note Dr. A.J. Vanisree, Coordinator, SNCI Chennai Chapter had delivered concluding speech on stress biology and coping strategies. Prizes were distributed to the winners of the biocartooning, neuglia-creative writing and neuro quiz, both from the host college and other institutions across the state. It is worth mentioning that the success of the event was well received by the pupils and teachers from various institutions as evidenced by more than 1000K views with positive feedback.

### ORGANIZER

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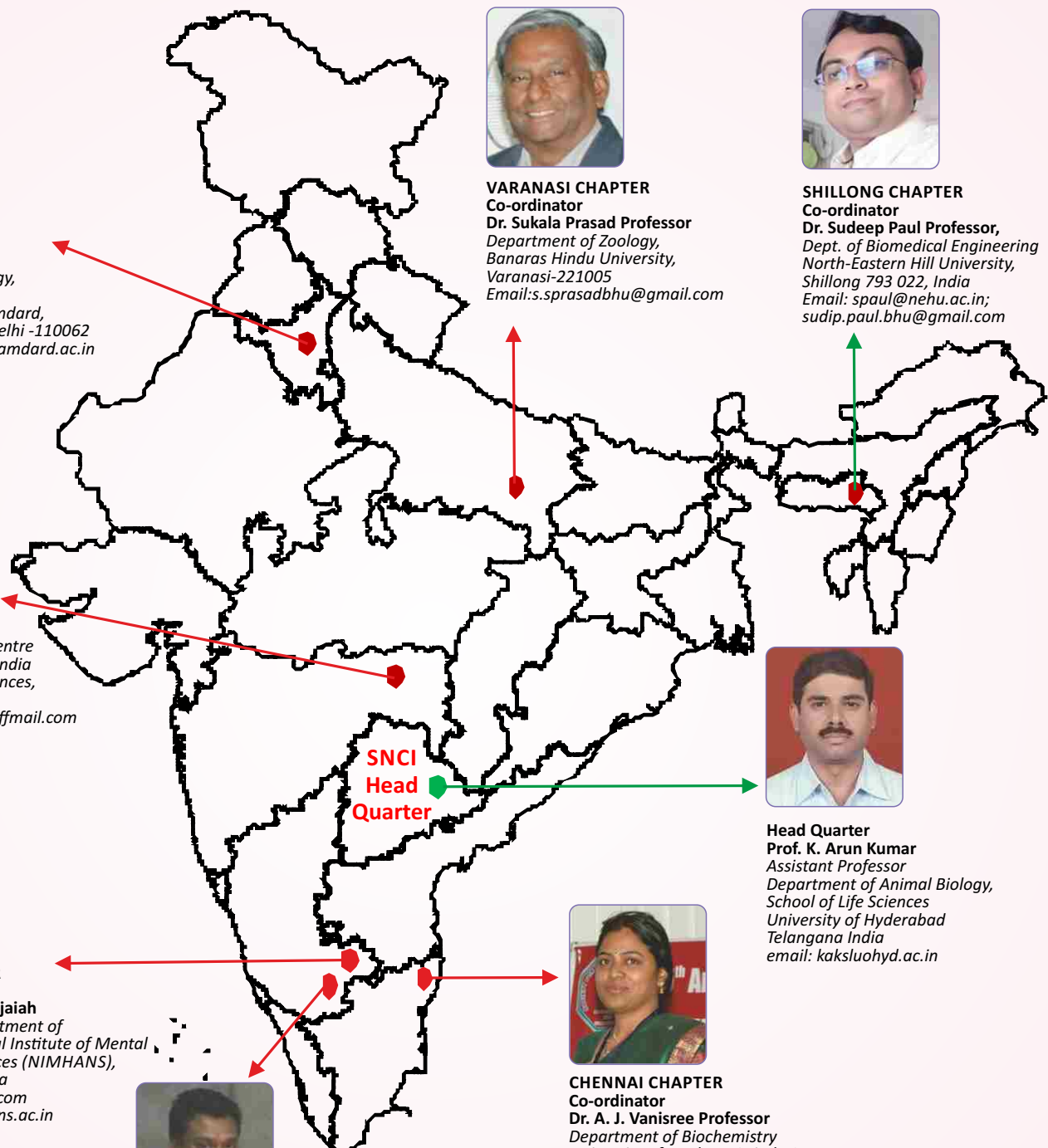
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**SNCI  
Head  
Quarter**



**Head Quarter**  
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JSS College of Pharmacy & Coordinator  
Central Animal Facility JSS Academy of  
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## 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. 3000</b>
	<b>Foreign Countries</b>	<b>: US\$ 100</b>
	<b>Annual Student Membership</b>	<b>: Rs. 1000</b>
	<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](mailto:snci@uohyd.ernet.in); [ppbsl@uohyd.ernet.in](mailto:ppbsl@uohyd.ernet.in)**

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





Animal Cell culture Laboratory



Proteomic facility



Biochemical Technique



Immunological Facility



Microbiology Laboratory

### TECHNOLOGY TRANSFER WING

#### Diagnostic kits for commercialization

- TB/EPTB PCR kit
- Zoonotic & vector borne panel kit
- Bacterial Meningitis panel kit
- Neuroviruses panel kit
- TB/Bovine Tuberculosis kit
- Other infectious diseases kit

**Sample Bank :** CSF, Serum, Pleural fluid, Ascitic fluid, Sputum DNA, CSF DNA, MTB Isolates (CSF/Sputum), MDR Samples

#### Collaboration with Companies;

- RedLotus Pharmtech Pvt. Ltd., Nagpur
- GeNext Genomics Pvt Ltd., Nagpur
- SINE (IIT Bombay)
- ASPIRE BioNEST, University of Hyderabad
- Tulip Diagnostics, Goa
- ACE Company, Mauritius
- Pathkind Group, Gurgaon
- Zeon Biotech Pvt. Ltd. Ahmadabad
- BSC BioNEST Bio-Incubator, Haryana
- Atmen company, Pune
- IIIT, Nagpur

**CONTACT DETAILS:**

### DIAGNOSTIC WING

#### 1. Molecular Test

- Conventional TB-PCR, Scrub Typhus PCR
- Duplex PCR
- Bacterial Meningitis Nested PCR Panel
- Neuroviruses Quantitative Real Time PCR Panel

#### 2. Immunological Test

- TB-Biomarker Test
- Neuroviruses IgG/IgM test
- Chikungunya IgM Test
- InterLeukin-6 cytokine detection (IL-6)
- ADA Test
- Cryptococcal Antigen Lateral Flow Test
- Clostridium Difficile Lateral Flow Test

#### 3. Zoonotic Test Panel

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

#### 4. Microbiological Test Panel

- Bact/Alert 3D Advance TB Culture
- Clostridium Difficile Culture

#### 5. Covid Test Panel

- Covid IgG-IgM test (Sero-surveillance)
- Anti SARS Covid-2 IgG ELISA Test (Sero- surveillance)

**Contact Details**

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(09960089591)



Training Programmes



Anaerobic Culture Facility



Animal House Facility

### ACADEMIC WING

- Research Centre is recognized by Department of Scientific and Industrial Research (DSIR), Govt. of India
- Funded research projects (2006-2022) : 16
- Major Funded Projects : Indo UK Funded GCRF Project on Waste Water Epidemiology & ICMR Funded Project on Zoonotic infections
- Ongoing Projects (n=2)
- UK Sanctioned Project on C. difficile
- DBT Sanctioned Project on Brucellosis in collaboration with NEHU, Shillong
- 3. **Patents :**
- Granted : 02
- Filed : 03
- In process : 02
- Publications in national & international journals peer reviewed journals: 130
- PhD awarded : Affiliation with RTMNU & DMIMS for Clinical Microbiology, Clinical Biochemistry and Medical Biotechnology
- RTMNU : 09
- DMIMS : 06 (03 ongoing)
- Inhouse diagnostic kits developed : 40
- Linkages :
- National : 52
- International : 09
- Hospitals/Pathologies : 35
- Companies : 10
- 8. **Memorandum of Understanding (MoU) :**
- Diagnostics: 07
- Academics: 26
- 9. **Training and Workshops:**
- Conferences: 10
- Workshops: 30
- Trainings: 70
- Dissertations: 168
- Outsourcing: 40
- Skill development for Research & Development in Health Services: 13
- Internship: 02
- 10. **Paper presented in conferences : 150**
- 11. **Policy Document : 3 (in process)**

### RESEARCH SERVICES

- **PhD Programs :** In Clinical Biochemistry, Medical Biotechnology and Medical Microbiology subjects
- **Contract Research Service :** Based on Immunology, Molecular Biology, Animal Cellculture, Proteomics and Microbiology.
- **PG Research project work - Outsourcing projects based on Immunology, Molecular Biology, Animal Cell Culture, Proteomics and Microbiology.**
- **PG/B. tech dissertation program**
- **Intensive Skill Development Certificate course on Research and Development in Health Services**
- **Internship program for M.Sc, B.Sc, B.Tech (Life sciences)**
- **Hands-On Training and Course Programme Hands-On Training programs in Immunology, Molecular Biology, Animal Cell culture, Proteomics & Microbiology**
- **Research consultancy services.**
- **Laboratory setup consultancy services**
- **Online workshops and training programs**

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International Conference on

**Recent Advances in Neurological Diseases &  
35<sup>th</sup> Annual Meeting of Society for Neurochemistry India (SNCI), 2021 (Virtual)**

2nd- 4th December 2021 at University of Hyderabad, Telangana, India

Organized by Dr. Ramesh Kumar Mishra



*International conference at University of Hyderabad, Telangana, India*



**SNCI** newsletter-2022

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