



VIRTUAL CONFERENCE

6<sup>th</sup> Biennial Conference of PAi  
&  
International Symposium  
on

Psychobiotics and Gut: Potential  
in Neurological Disorders

December 5-6, 2022

*Organized by*

**Probiotic Association of India**

*in association with*

**ICAR-National Dairy Research Institute, Karnal**

**&**

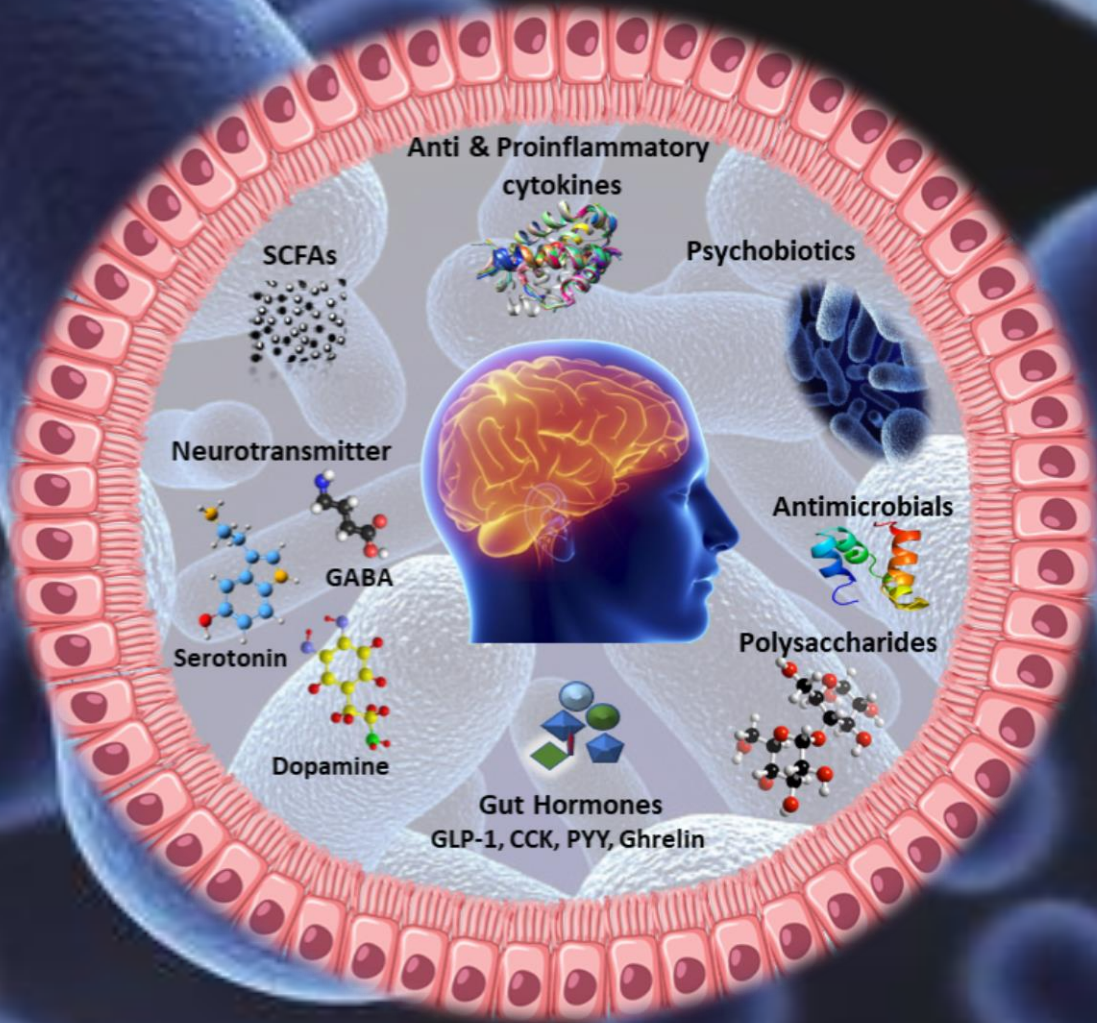
**DUVASU, Mathura**

**Organizing Secretaries**

**Sarvajeet Yadav, PhD**  
Professor & Head  
DUVASU, Mathura

**Jai K Kaushik, PhD**  
Principal Scientist  
ICAR-NDRI, Karnal





## ***Aim of the Conference***

The 6<sup>th</sup> PAi conference and the International Symposium on “Psychobiotics and Gut” is going to be organized by PAi in association with ICAR-NDRI, Karnal and DUVASU, Mathura during 5<sup>th</sup> to 6<sup>th</sup> December, 2022. The aim of the conference is to highlight the connection between the gut microbiota and neurological conditions and the potential of psychobiotics in managing the neurological diseases like Parkinson, Alzheimer, Autism and Autism Spectrum disorders, Stress, Anxiety and depressive symptoms and improve cognition and social anxiety. Recent research on gut microbiota and brain function has shown that manipulation of gut microbiota possesses the potential to improve the life of people suffering with neurodevelopmental and neurodegenerative diseases. The symposium will provide a platform to discuss the current research breakthroughs on the role of psychobiotics in the management of neurological disorders highlighting the gut- brain axis.

## ***About PAi***

Probiotic Association of India (PAi) registered as a society with effect from Dec. 8, 2010 is a scientific forum dedicated to promote the probiotic science in India as well as to create consumer awareness about the health promoting attributes of probiotics. In past, PAi has organized five International symposia on various thematic areas like Probiotics for Human Health - New Innovations and Emerging Trends (2012), Probiotics and Microbiome: Gut and Beyond (2014), Stress, Microbiome & Probiotics (2016), Probiotic Therapy: Translating to Health & Clinical Practice (2018), and Probiotics & Immunity: Way forward to Microbial Therapy (2020). In addition, PAi supports Universities and Institutes across India to organize National seminars and workshops on various facets of probiotics.

## Participation and Registration

- Participation in the virtual conference will be through invitation to those who register themselves on the conference website.
- **There is No Registration Fee for attending the conference or poster presentation.**
- E-certificate will be provided to the registered delegates who participate on both the days in the conference.
- For registration or submission of abstract, please visit the conference website (**site will be active on 1 Nov 2022**)

<https://paiconference.probioticindia.in/>

## E-poster Award

There will be best poster awards. Anyone can participate in the competition by uploading the abstract and poster on conference website. The work presented in the e-poster can be in the area of the Probiotics and their functional properties like their role in regulation of nervous system, gut-brain axis, neurological development and disorders, metabolic diseases, immunity. anti-pathogenic property, cancer and other health promoting effects. The participants should submit an abstract of approximately 300 words in a structured format like Introduction/problem, methods, results & discussion and conclusion. The poster can be uploaded in JPG or PNG picture format (Width 36 inch X Height 48 inch) on the conference website during registration process. More details about the preparation of e-poster can be seen on conference website <https://paiconference.probioticindia.in/>

**The abstract and poster submission will be open on website from 1 November through to 25 November 2022, the last day of submission. Registration without poster/abstract will be open till 30 November 2022.**

# SPEAKERS



**Prof. RAKESH K CHADDA**, All India Institute of Medical Sciences, New Delhi, India  
**Talk title:** Psychobiotics and Mental Health



**Prof. KHALID SHAH**, Harvard University, Boston, USA  
**Talk title:** Gut Microbiome: Reshaping Therapy Paradigm in CNS and beyond



**Prof. SHEFFALI GULATI**, All India Institute of Medical Sciences, New Delhi, India  
**Talk title:** Gut brain Axis: Role of probiotics in Neurological and neurodevelopmental disorders including Autism Spectrum Disorder



**Dr. RITUSHREE KUKTERI**, CSIR-Institute of Genomics and Integrative Biology, New Delhi, India. **Talk title:** Therapeutic effect of cyclooxygenase-2 inhibitors and probiotic supplementation in epilepsy



**Dr BHAVUK GARG**, Lady Harding Medical College, New Delhi, India  
**Talk title:** Psychobiotics in Schizophrenia



**Dr. BHABATOSH DAS**, Translational Health Science and Technology Institute (THSTI), Faridabad, India. **Talk title:** Genome editing for Next-Gen probiotics



**Prof. KATIA SIVIERI**, Universidade Estadual Paulista, Sao Paulo, Brazil  
**Talk title:** Probiotics for Autism



**Dr. MICHAEL BAILEY**, Nationwide Children's Hospital, Columbus, Ohio, USA  
**Talk title:** Probiotics and psychological stress and anxiety



**Prof. LYNNE BARKER**, Sheffield Hallam University, UK  
**Talk title:** The gut brain axis and microbiome - looking outside the brain in neurological conditions (Parkinson's disease)



**Prof. SAM SISODIA**, Dept of Neurobiology, University of Chicago, Illinois, USA  
**Talk title:** Role of the gut microbiome in modulation of Alzheimer's-type pathology in mouse models



**Prof. JACOB RABER**, Oregon Health & Science University, Portland, OR, USA  
**Talk title:** Role of the gut microbiome in mouse models of neurodegenerative disorders



**Dr. KATHRIN COHAN KADOSH**, University of Surrey, UK  
**Talk title:** Using prebiotic interventions improve anxiety and well-being in children, adolescent and adults



**Prof SUSANNA MARIA ROBERTA ESPOSITO**, Dipartimento di Medicina e Chirurgia, Universita Di Parma, Italy

# *Organizing Committee*

- **Dr. N. K. Ganguly**, Former Director General, Indian Council of Medical Research, India
- **Dr. V. M. Katoch**, Former Director General, Indian Council of Medical Research, India
- **Dr. A. K. Srivastava**, President PAi & Vice Chancellor, DUVASU Mathura & Former Director, ICAR-NDRI
- **Dr. B. Sesikeran**, Vice President PAi & Former Director, National Institute of Nutrition, Hyderabad
- **Dr. V. Prakash**, Former Director, Central Food Technology Research Institute, Mysore
- **Dr. Dheer Singh**, Director, ICAR-NDRI
- **Dr. Rama Chaudhry**, Head, Dept of Medical Microbiology, All India Inst of Medical Sciences, New Delhi
- **Dr. Sunita Grover**, Vice President, PAi & Former Head, Dairy Microbiology Division, ICAR-NDRI, Karnal
- **Dr. Neerja Hajela**, Head, Science, Yakult Danone India Private Ltd.
- **Prof. Sarvajeet Yadav**, Head, Dept of Physiology, DUVASU, Mathura (**Org Secretary**)
- **Dr. J. K. Kaushik**, Secretary, PAi & Principal Scientist, ICAR-NDRI, Karnal (**Org Secy**)
- **Dr. Diwas Pradhan**, Treasurer, PAi & Scientist, ICAR-NDRI, Karnal (**Jt Org Secretary**)

*For further details contact us*

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