



National Conference
On
Microbiome & the Biotic Family R & D leading to Clinical
& Commercial Implications
19-20th December 2025

Jointly by
Swami Rama Himalayan University (SRHU)
Jolly Grant, Dehradun
Uttarakhand
&
Gut Microbiota and Probiotics Science Foundation
(GMPSF)

***1.81 Evidence-based benefits & health claims proven in scientific experiments
and clinical trials pertaining to prebiotics, probiotics and other such
interventions for healthcare***



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY



National
Research
Foundation



NAAC A+



Gut Microbiota and
Probiotic Science
Foundation (India)





ABOUT THE CONFERENCE

Since the publication of the first human genome about two decades back, the omics era ushered biological research in all directions, out of which the investigation into microbial communities and human microbiome has been unprecedented. Microbiome by definition constitute all the microbes present in and outside human body, animals, environment and the planet together with their activities including structural elements, gene, expressed gene and proteins, metabolites/signal molecules, and their surrounding environmental conditions. Over time, studies have been done using different model systems to elucidate association between health and diseased conditions. The National Institutes of Health Integrated Human Microbiome Project (iHMP) carried over ten years in two phases studied microbial composition from oral, gut, nasal, vagina and skin, followed by cohorts on microbiome associated pregnancy preterm- birth, IBD and pre-diabetes. The projects revealed new avenues and technologies for future research. The Indian Human Microbiome Project (IHMP) subsequently conceived and funded by the DBT across seven sites mapped the microbiome composition of India's communities, including 32 tribes and worked out how genetics, diet and environment impact it. It has been planned to develop precision probiotics for the Indian population based on Ayurveda Prakriti phenotypes.

The National Conference on Microbiome & Biota R&D jointly being organized by Swami Rama Himalayan University and the Gut Microbiota and Probiotics Science Foundation aims to share knowledge that has emerged after these large Microbiome Projects and continue the talks between basic and clinical researchers as to how microbiome and biota R & D could help addressing gut health, metabolic disease, pre-term birth, gut-brain axis, special diets for cancer & brain health etc. We believe that the conference may lead to fostering collaboration and knowledge-exchange amongst researchers, clinicians and start-ups addressing India's unique demographics, diverse populations with varying lifestyles, offer a valuable opportunity to study the microbiome and its impact on health and disease, potentially leading to tailored/precision interventions and improved public health outcomes.

CONFERENCE THEME & SUBTHEMES

The Conference would hold presentations and discussions around several themes as given below, leading to actionable outcomes:

1. Microbiome, Gut Health, Metabolic Disorders & Irritable Bowel Disease
2. Microbiome: Gut-Brain Axis Interactions
3. Interplay between Gut Biome and Immune System-Response to Immunization OR Infections
4. Probiotics-based Solutions in Cancer Patients during Chemotherapy/recovery
5. Microbiome at Birth, Genetics and Aging
6. Probiotics and Malnutrition in Pregnant Mothers and Young Children
7. Probiotics in Skin Inflammation: Scope in Cosmetic Industry
8. Traditional Indian Foods and Gut Health: Indian Spices, Curries and Fermented Diet in Resetting Stomach
9. Ethical, Legal, and Societal Implications of Microbiome Manipulation
10. Biotic Therapeutics: Probiotics, Prebiotics, Synbiotics, and Postbiotics
11. Commercialization and Market Potential of Microbiome Innovations



The conference would be organized by SRHU in association with the Gut Microbiota and Probiotic Science Foundation (GMPSF), India headed by Prof Nirmal. K Ganguly, Former DG-ICMR and President GMPSF, India. It would offer a conducive forum to network and exchange views on innovative technologies, development paths, alternative business models and faster communication of relevant scientific data.

GUT MICROBIOTA AND PROBIOTIC SCIENCE FOUNDATION (INDIA)

GMPSF is a society that promotes the study of gut microbiota and probiotics in India. The foundation holds annual conferences since last 14 years of its inception in 2011 in collaboration with many research institutions such as ILBS, New Delhi; RGCB, Thiruvanthapuram; SRM University, Chennai. The foundation is led by scientists with expertise in gut microbiota and probiotics, including in nutrition, clinical research, microbiology, dairy technology, and gastroenterology. The foundation's goals include: sharing international knowledge and expertise; supporting collaborative research on probiotic development and maintaining research connections with similar scientists. By holding a Conference in collaboration with like-minded Institutions would help in setting a tone for Microbiome Research in the University.

ABOUT US

Swami Rama Himalayan University was established under Section 2(f) of the UGC Act, 1956 vide Uttarakhand State Act No. 12 of 2013, and is now re-incorporated under the Uttarakhand Private University Act, 2023 (Uttarakhand Act No. 02 of 2024), as notified through Gazette Notification No. 02/XXXVI (3)/2024/58(1)/2023, dated 03/01/2024. SRHU is a NAAC A+ accredited (Oct 18, 2024 to 17 Oct 2029), not-for-profit University, promoted by the Himalayan Institute Hospital Trust (HIHT), has been working for over three decades in the areas of public health, water, sanitation, environment, and rural development, reaching more than 2,000 remote villages across Uttarakhand and 31 States/UTs covered through capacity building of Government officials and community. There are seven constituent academic units comprising the Himalayan Institute of Medical Sciences, Himalayan College of Nursing, School of Biosciences, School of Pharmaceutical Sciences, School of Yoga Sciences, School of Science and Technology; and School of Management Sciences. There are four adjunct units, i.e., Cancer Research Institute; Rural Development Institute; Ayurveda Centre; and a 1200-bedded Hospital that fulfil the healthcare requirements of the region. The Himalayan Hospital & associated Diagnostics labs are NABH and NABL-accredited. HIMS is also responsible to ensure quality medical education in 17 networked medical colleges as per the orders of NMC. The university is spread over an area of 196 acres with state-of-the art class-rooms, research labs, an exclusive Innovation Centre, Clinical Trial labs and Operation theatres. SRHU has a team of more than 350 skilled clinicians, scientists, research scholars and nurses ensuring quality education, patient services and research. The University offers various degree courses and PhD programs and actively pursues research supported by esteemed organisations like ICMR, DBT, DST, UCOST and UCB. There is an excellent record of publication by the faculty in indexed journals. The University has a SIRO certification issued by the DSIR.



CHIEF PATRON

Dr. Vijay Dhasmana, *The President, Swami Rama Himalayan University, Jolly Grant, Dehradun*

PATRON

Dr. Rajendra Dobhal, *Vice Chancellor, Swami Rama Himalayan University, Jolly Grant, Dehradun*

ADVISORY COMMITTEE

Prof. Nirmal K. Ganguly, *Former DG-ICMR & President Gut Microbiota and Probiotics Science Foundation, New Delhi*

Prof. Rakesh Bhatnagar, *Science Chair, SERB, DST & Former Vice-Chancellor, BHU; Chairman, University Research Advisory Board, SRHU*

Dr V. M. Katoch, *Former DG-ICMR & Former Secretary, Department of Health Research; Co-chair, University Research Advisory Board, SRHU*

Dr Madhu Dixit, *Former Director CDRI & Member Task Force AYUSH*

Dr Kiran Katoch, *Former Director, National JALMA Institute of Leprosy and other Mycobacterial Diseases, Agra*

Dr. Vijendra D Chauhan, *Director General (Academic Development), SRHU*

Dr. Ashok Deorari, *Pro-VC, SRHU, Jolly Grant, Dehradun*

Lt. Gen. Dr Daljit Singh, *Principal, HIMS, SRHU, Jolly Grant, Dehradun*

SCIENTIFIC COMMITTEE

Dr Neerja Hajela, *Secretary, Gut Microbiota and Probiotics Science Foundation, New Delhi*

Dr Neelam Taneja, *Professor & Head, Department of Microbiology, PGIMER, Chandigarh*

Dr Rama Chaudhry, *Former Head, Department of Microbiology, AIIMS New Delhi*

Prof B.S Ramakrishna, *Director, SIMS Institute of Gastroenterology, SRM Institutes of Medical Science, Chennai*

Dr. B. Sesikaran, *Former Director, National Institute of Nutrition, Hyderabad*

Dr Pawan Sharma, *Former Faculty, ICGEB, New Delhi*

Dr Urmi Bajpai, *Professor, ANDC University of Delhi, Delhi*

Dr Amjad Husain, *Director, HClE, SRHU,*

Dr Sanjay Gupta, *Professor & Dean, School of Biosciences, SRHU*

Dr Aarti Kotwal, *Professor, Department of Microbiology, HIMS, SRHU*

Dr Vijay Kumar, *Associate Professor, School of Biosciences, SRHU*

SPEAKERS/ PANELISTS

1. **Prof N.K Ganguly**, *Former DG-ICMR & President Gut Microbiota and Probiotics Science Foundation, New Delhi*
2. **Dr Neerja Hajela**, *Secretary, Gut Microbiota and Probiotics Science Foundation, New Delhi*
3. **Professor Vineet Ahuja**, *Department of Gastroenterology, AIIMS, New Delhi*
4. **Professor Amit Awasthi**, *Translational Health Science and Technology Institute, Faridabad, India*
5. **Prof B. Sesikaran**, *Former Director, NIN, ICMR*
6. **Prof Babhatosh Das**, *Center for Microbial Research, Translational Health Science and*



Technology Institute, Faridabad

7. **Dr Dhiraj Dhotre**, Scientist, iBRIC National Centre for Cell Sciences, Pune
8. **Dr Anil Kumar**, Scientist, iBRIC NII, New Delhi
9. **Prof Vineet Sharma**, Professor, MetaBioSys Laboratory, Department of Biological Sciences, Indian Institute of Science Education and Research, Bhopal, India
10. **Dr Anurag Varshney**, CEO, Patanjali Research Foundation, Haridwar
11. **Prof. Naveen Kumar Navani**, Department of Biosciences and Bioengineering, IIT Roorkee
12. **Dr Urmi Bajpai**, Professor, Acharya Narendra Dev College, University of Delhi, Delhi
13. **Dr Purnima Sharma**, MD, Biotechnology Consortium of India (BCIL), New Delhi
14. **Prof. V. Samuel Raj**, Director & Dean Academics, SRM University, Sonipat
15. **Prof Paramjit Singh Panesar**, Department of Food Engineering & Technology, S. L. Institute of Engg. & Technology
16. **Dr Bipin Pradeep Kumar**, Co-Founder / CEO, IOM Biosciences, C CAMP Campus, Bengaluru
17. **Dr Ramendra Pati Pandey**, Head, Biological Sciences, SRM University, Sonipat

SCIENTIFIC COLLABORATION & FUNDING

- Department of Biotechnology, Ministry of Science and Technology, Government of India
- Anusandhan National Research Foundation, Ministry of Science and Technology, Government of India
- Indian Institute of Technology, Roorkee
- Uttarakhand State Council for Science and Technology, Dehradun
- Gut Microbiota and Probiotic Science Foundation, India (GMPSF)
- Patanjali Research Foundation, Haridwar
- Chandrabimb Foundation, New Delhi
- Swami Rama Himalayan University (SRHU)

ORGANIZING COMMITTEE

Convener

Dr. Bindu Dey, Director, Research & Development Cell, Swami Rama Himalayan University, Jolly Grant, Dehradun

Organizing Secretary/ies

Dr Purandhi Roopmani, Assistant Professor, School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr Vijay Kumar, Associate Professor, School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Ayushman Srivastav, Asst Registrar, Research and Development Cell, Swami Rama Himalayan University, Jolly Grant, Dehradun

Organizing Coordinators

Dr Vivek Kumar, Professor, School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr Grace Madonna, Professor, Himalayan College of Nursing, Swami Rama Himalayan University, Jolly Grant, Dehradun



Dr Gita Rana, Associate Professor, School of Management Sciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

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Dr Gita Bhandari, Asstt. Professor, School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr Anupama Mishra, Asst Professor, School of Science & technology, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr Ankit Sharma, Asst Professor, School of Yoga Sciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

IMPORTANT DATES

Abstract Submission Starts:	1 st September, 2025
Registration Starts:	1 st September, 2025
Abstract Submission Closes:	15 th November, 2025
Intimation of Abstract Acceptance:	20 th October, 2025

IMPORTANT LINKS

Abstract Submission: Abstract should be submitted to the conference email. (PDF file only). Abstract will be published as conference proceedings in relevant Journals associated with the conference.

Registration: <https://srhu.edu.in/microbiome/>

CATEGORY FEES

UG/PG/Research Scholars	Rs. 500/-
Teachers/Scientists/Faculty	Rs. 1,000/-
Corporate Delegates/Industry personnel	Rs. 2,000/-

ACCOMMODATION

The accommodation will be arranged on payment basis if requested by the participants to the organizers.

Contact for more details

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