



SUN PHARMA
SCIENCE FOUNDATION

**Sun Pharma Science Foundation's
14th Hands-on Workshop
in collaboration with BRIC-National Institute of
Biomedical Genomics, Kalyani, West Bengal**

“Microbiome Data Analysis for Clinical & Translational Research in Human Health”

Date : 16th to 22nd November, 2026

Venue : BRIC-National Institute of Biomedical Genomics, Kalyani

A Hands-on Workshop is being organized at **BRIC-National Institute of Biomedical Genomics, Kalyani**. The human microbiome has emerged as a critical modulator of human health, disease susceptibility, immune regulation and therapeutic response. Increasing evidence demonstrates that microbial communities influence drug metabolism, efficacy and toxicity, and play a central role in several chronic and inflammatory diseases. These insights have positioned the microbiome as a promising target for therapeutic intervention, including faecal microbiota transplantation (FMT), microbiome-derived biomarkers, and next-generation probiotics and live biotherapeutic products (LBPs).

However, the translational success of microbiome-based therapies critically depends on population-specific reference datasets. India represents one of the most genetically, culturally, and dietary diverse populations globally, yet a comprehensive and well-annotated healthy Indian gut microbiome reference remains limited. Without such reference frameworks, rational design of India-specific probiotics, optimization of FMT donor selection, and interpretation of microbiome perturbations in disease states remain suboptimal.

Participants will be benefited from comprehensive theoretical lectures and practical hands-on sessions covering microbiome study design, data pre-processing, statistical analysis, biological interpretation, and translational relevance. Emphasis will be placed on understanding how microbiome-derived insights can divulge disease mechanisms, patient stratification, therapeutic response, and future microbiome-based interventions.

Scientific Advisory Committee:

Prof. Virander S. Chauhan, Chairman SPSF
Dr. Souvik Mukherjee, BRIC-NIBMG, Kalyani
Mr. Satyananda Misra – Member Secretary SPSF

For further information, please contact:-

Mr. V.A. Thangachan

The Office of Sun Pharma Science Foundation

8c, 8th Floor, Hansalaya Building, 15, Barakhamba Road,

New Delhi : 110 001, India. Tel : (91-11)23721414/ 1415

Email : sunpharma.sciencefoundation@sunpharma.com; Website : <https://www.sunpharmasciencefoundation.net>