



Dr. B. Sesikeran

M.D. • FAMS

Former Director National Institute of Nutrition, Hyderabad

Former Chairman, RCGM, Department of Biotechnology, Government of India

Title of the Talk: **Gut Microbiome - An Update**
"The human microbiome is a super organ"

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4th Floor, DJ-2 Building, Salt Lake, Sector-II, Kolkata

Abstract of the Talk

A rare convergence of deep institutional science and contemporary microbiome research, anchored in Indian dietary patterns and public health realities. This session reframes the gut microbiome as a dynamic, diet-responsive system—moving beyond Western-centric models to deliver a precise, clinically grounded understanding of its function, dysregulation, and targeted modulation through diet, prebiotics, probiotics, and functional foods—translated into actionable, population-level insight.

About the Speaker

Dr. B. Sesikeran is among the foremost architects of modern nutritional science in India. Over a 35-year tenure (1977–2012) at the National Institute of Nutrition (NIN), Hyderabad—where he served as Director, he shaped both research and national nutrition policy. A medical pathologist, his work spans nutrient–cancer interactions and the development of India’s leading preclinical safety and toxicology frameworks.

Author of 120+ publications, he has held pivotal roles including President of the Nutrition Society of India, Chair of key FSSAI committees, and Chairman of the Government of India’s Review Committee for Genetic Manipulation. He currently serves on the ILSI Global Board and chairs K-FFIG.

A Fellow of FAMS and recipient of 14 national oration awards, he brings a distinctly India-centric, data-driven perspective bridging science, policy, and public health.

Organized By: Food Technology and Science Institute, TCG CREST