



WEBINAR

On

Role of Intestinal Microbiota and Probiotics in Health and Disease

17th August 2021, 10.30 AM (IST)

KEYNOTE SPEAKER



Dr. Neerja Hajela

**Assistant Vice President, Science and Regulatory Affairs ,
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ABOUT THE PROGRAMME

The intestine is one of the most neglected organs of the human body. However, more recently, there has been a heightened interest in intestinal health because this forgotten organ is the largest immune organ of the body since 70% of the immune cells are located there. Therefore interventions like probiotics, prebiotics and synbiotics which can modulate the intestinal microbiota are becoming increasingly important. They can improve gut health by aiding digestion of food, absorption of nutrients and regularizing bowel movements.

Probiotics play an important role in ensuring the proper development and maturation of the immune system. They help to maintain the integrity of the intestinal wall and prevent the translocation of harmful bacteria into the blood stream. Several of the scientifically tested probiotic strains can help in alleviating gastrointestinal diseases, metabolic disorders, allergies, and respiratory infections. It is also observed that there is a gut - brain axis and the microbes in the gut can influence the brain and vice versa. India has witnessed a spurt of probiotic foods in the last few years. These foods are regulated by the Food Safety and Standards Authority of India and are scientifically tested for their health benefits. So this webinar aims to give a detailed insight into the role of intestinal microbiota and probiotics in health and disease.

ABOUT THE SPEAKER

Dr. Neerja Hajela has done her Ph. D in Biotechnology and has a special interest in probiotics. She has over 17 years of experience and has worked in organizations like Ranbaxy Laboratories Pvt. Ltd. and Biotech Consortium India Limited (Department of Biotechnology). She is involved in the development, planning and implementation of scientific programmes including clinical trials for the company. She handles all the regulatory issues and ensures compliances related to the category and individual product.

Organized by

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

National Institute of Food Technology Entrepreneurship and Management (NIFTEM)

Plot No. 97, Sector 56, HSIIDC, Industrial Estate, Kundli, Sonipat, Haryana 131028 www.niftem.ac.in

ABOUT DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

The main objective of the department is to create trained and skilled human resources to cater to the needs of the rapidly growing Food Processing Sector. The department is currently offering M.Tech and Ph.D programmes exclusively apart from various courses in B.Tech (FTM). Department is having several ongoing research projects especially in the area of novel food processing. The department aims to serve the requisite need of manpower for food processing sector of the country.

ABOUT NIFTEM

NIFTEM is an autonomous institution setup under the Ministry of Food Processing Industries, Government of India, with aim to serve as an apex body to cater the needs of food processing sector. The institute acts as a centre of excellence in the area of food technology and management. The Department of Agriculture and Environmental Science (AES) has been primarily focusing on the postharvest management of fruits and vegetables, supply chain management, storage, environmental impacts of food processing sector and outreach activities. The outreach efforts of the department provide innovative yet practical information to help people, businesses, and communities to find solutions, develop skills, reduce postharvest losses, and to build a healthy and wealthy nation from food security aspect.

DETAILS FOR REGISTRATION

Registration Link:

<https://forms.gle/5ZVAbZa4RRRzgua67>

Last Date to register: 16th August 2021 (12:00 Noon)

CISCO-WEBEX meeting link for attending webinar will be communicated to registered participants.

INSTRUCTIONS FOR THE PARTICIPANTS

- There is no participation fee.
- Participants need to login with their actual names.
- Login at least 10 minutes before the start.
- Certificate will be issued to the attending participants only

CONVENER

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Dean Academic
NIFTEM

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NIFTEM

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