

FOREWORD BY CHAIRMAN

Greeting all honored guests,

On behalf of the Organizing Committee, it is with great pleasure that we extend our warmest welcome to the all of participants of the 2nd International Conference on Food Technology and Nutrition (IC-FTN 2023), where we will be discussing the future of food technology and nutrition. The conference is hosted by Indonesian Association of Food Technologist (IAFT) in collaboration with Udayana University, Warmadewa University, Dhyana Pura University, and Institute of Technology and Health Bali. IC-FTN 2023 aims to serve as a platform for the exchange of ideas and experiences in the field of food technology and nutrition. Numerous countries worldwide are renowned for their distinctive and appealing research expertise. These research studies encompass a wide range of topics, including functional foods, fermentation and food biotechnology, food safety, culinary and gastronomy, food processing and engineering, as well as other areas that cover current trends in food technology and nutrition. In addition to Indonesia, conference participants also come from countries such as Japan, Malaysia, Thailand, Australia, India, and Saudi Arabia.

The conference features experts and authorities who will present the various perspectives, insights, studies, and trends in food production and development. The conference will highlight significant developments in research and innovations in food technology and nutrition. The conference will provide a commonplace for food scientists, government, food industries, and students to present their most recent technological and scientific outcomes of the research. And it also serves as a platform for knowledge sharing, development of research networking and will open doors to new research collaborative opportunities among experts in the field. So, during the event will be featured a series of scientific presentations and discussions in plenary, poster sessions, informal gatherings, competitions. and exhibitions.

We sincerely hope that this conference will be beneficial to all participants for their respective interests, business, and field of expertise. We do also hope that you will enjoy Bali during staying in this beautiful island.

Thank you.

Prof. Nyoman Semadi Antara, Ph.D.

Chair of Organizing Committee The 2nd International Conference on Food Technology and Nutrition BALI, Indonesia

WELCOME MESSAGE

Welcome to the 2nd International Conference on Food Technology and Nutrition (IC-FTN)!

After the successful implementation of the 1st IC-FTN in Medan, North Sumatra in 2021, PATPI is proud to hold again the highly anticipated conference, the 2nd IC-FTN. Representing The Indonesian Assosiacion of Food Technologist (IAFT) Central Executive Board, I would like to express my deepest thanks to all of you for joining us at this important event.

The world is currently facing a series of challenges that affect the global food system, including climate change, urbanization, population growth, changing consumption patterns, war, and technological disruption. All of these factors influence the availability, accessibility and sustainability of the world food system. Therefore, this kind of forum of experts and practitioners in the field of food technology and nutrition is very important to help find the best solutions for various food problems.

This conference will present a number of leading keynote speakers in their respective fields, such as H. Arief Prasetyo Adi, ST., MT. (Head of the Indonesian National Food Agency), Prof. Aman Wirakartakusumah (President of IU FoST), Peter J. Batt, Ph.D. (University of Western Australia), and Prof. Anil Kumar Anal (Asian Institute of Technology, Thailand). They will share valuable insights on the latest trends in food technology and nutrition, food processing and engineering, food fermentation and biotechnology, culinary and gastronomy, food chemistry, and functional food, as well as safety, quality, and food policy.

Apart from the keynote speaker, we will also hold a plenary session with great speakers such as Prof Purwiyatno Hariyadi from IPB University, Prof Teruo Sone from Hokkaido University, Prof Nyoman S. Antara from Udayana University, Dr Suwapat Kittibunchakul from Mahidol University, Dr Putu Sucita Yanthy from Udayana University, and Dr Azis B. Sitanggang from IPB University. Our discussions will revolve around finding solutions that not only meet our current needs but also ensure a better future for future generations.

The 2nd IC-FTN aims to be a gathering and sharing place for professionals, academics and researchers from all over the world to encourage collaboration, exchange knowledge and build networks. We believe that this conference will be an opportunity for you to develop partnerships, to contribute to the advancement of the food industry, and to promote sustainable practices in food technology and nutrition.

Once again, I extend my warm welcome to all of you, and I am confident that together, we will all make the 2nd IC-FTN a success. Enjoy the conference and don't forget to also enjoy the tourist and cultural attractions during your stay in Denpasar Bali.

Prof. Dr. Ir. Giyatmi, M.Si
President of IAFT