



Scientific Program

4th International Virtual Conference on Nutrition & Food Science
August 14-15, 2026 | Virtual Conference

August 14, 2026

Time: 09:00 AM | Online Conference | Time Zone: GMT+1 (London, UK)

09:00-09:05

Opening Ceremony

Keynote Speaker Session

09:05-09:30

Title: Isolation and Characterization of Purine-Degrading Lactic Acid Bacteria from Traditional Fermented Foods for Alleviating Hyperuricemia

Sarwat Riaaz, Yangzhou University, China

09:30-09:55

Title: Chrononutrition in Action: How Meal Timing and Nutrient Signals Regulate Circadian Rhythms and Metabolic Health

Oren Froy, Institute of Biochemistry, Food Science and Nutrition , The Hebrew University, Israel

09:55-10:20

Title: Engineering the Future of Foods: Formulation, Rheological Optimization, Sensory Acceptance, and Sustainable Manufacturing of 3D-Printed Plant-Based Systems

Arzu Akpınar-Bayazit, Bursa Uludağ University, Department of Food Engineering, Gorukle, Bursa – Türkiye

10:20-10:45

Title: PKU from A to Z by Holly Jones & Eugen-Matthias Strehle

Holly Jones, University of Sunderland, United Kingdom

10:45-11:10

Title: Coffee By-Products: An Overview of Their Antimicrobial Properties

Sara Maia, University of Porto, Portugal

11:10-11:35

Title: Food as Medicine: 108 Pioneers Who Shaped the Integration of Nutrition into Modern Health Care

Srinivasa K. Rao, North East biotech LLC, New York, USA

11:35-12:00	Title: Vegetarian and Plant-Based Nutrition in Belgian Hospitals: A Cross-Sectional Study Revealing Gaps and Opportunities for Healthier Food Environments
	Evelien Mertens, Vrije Universiteit Brussel, Belgium
Plenary Speaker Session	
Sessions	Nutrition and Health Nutrition and Metabolism Nutrition Supplements Global Nutrition Challenges Food and Chemical Toxicology Food and Nutritional Science
Session Chairperson	Anna Valentino, Research Institute on Terrestrial Ecosystems (IRET), Italy
12:00-12:25	Title: High-Throughput Sugar Phenotyping in Fruit Crops: Integrating HPLC and NIR Spectroscopy for Accurate and Rapid Quantification
	Ebru YAŞA KAFKAS, Çukurova University, Türkiye
12:25-12:50	Title: Association of Preoperative Modified Frailty Index-5 With 30-Day Mortality and Complications in Elderly Hip Fracture Surgery: A Prospective Observational Study
	Halley Antony, Adichunchanagiri University, India
12:50-13:15	Title: Engineering a Zein Imidazolate Framework-8 (ZIF-8) for the Rumen-Protective Delivery of Sulforaphane: From In Vitro Characterization to In Vivo Therapeutic Efficacy in Dairy Goats
	Kevaun Altamon George Wilson, Yangzhou University, China
13:15-13:40	Title: Prevalence, Risk Factors, and Preventive Strategies of Hypertension Among Young Adults in the United Arab Emirates
	Mahmoud Nabil Abutartour, Gulf Medical University, United Arab Emirates
13:15-13:40	Title: “Prevention of Nutritional Rickets and Disability in Bangladeshi Children: A Comprehensive Strategy
	Md. Shahidul Haque, Social Assistance and Rehabilitation for the Physically Vulnerable (SARPV), Bangladesh
13:40-14:05	Title: Innovations in Nutrition for Sustainable Health: Advancing Functional Foods, Personalized Diets, and Disease Prevention
	Umrah Zafar, Lecturer at MNS University of Agriculture Multan, Pakistan
14:05-14:30	Title: Investigating miRNA Polymorphisms as Genetic Biomarkers of Rheumatoid Arthritis in Pakistan: Evidence from a Pakistani Population
	Yasir Ali, Department of Biotechnology, Abdul Wali Khan Univeristy, Pakistan

14:55-15:20	Title: From Gene to Table: Harnessing Indigenous Livestock Genetics for Sustainable, Nutritious Food Production in Sub Saharan Africa
	Obert Tada, Department of Agricultural Economics and Animal Production, University of Limpopo, South Africa
15:20-15:45	Title: Extracellular Vesicles Derived from Opuntia ficus-indica Fruit (OFI-EVs) Speed up the Normal Wound Healing Processes by Modulating Cellular Responses
	Anna Valentino, Research Institute on Terrestrial Ecosystems (IRET), Italy
15:45-16:10	Title: Synthesis And Study Of The Properties Of A Copolymer Based On 4,4'-Oxydiphenylbismaleimide And Allyl Salicylate
	Guliyeva Shahana, Institute of Polymer Materials of the Ministry of Science and Education of the Republic of Azerbaijan
16:10-16:35	Title: Aqueous extract of Euglena cantabrica and phycobiliproteins of Arthrospira platensis: a safe tool for post-harvest disease control on strawberry and tomato fruits
	Hillary Righini, University of Bologna, Italy
16:35-17:00	Title: Consumptive and Non-Consumptive Uses of Water Beetles (Aquatic coleopterans) in Sub-Saharan Traditional Rituals
	Lucky Nhlanhla Mnisi, University of Pretoria, South Africa
17:00-17:25	Title: Potential Threat of Randall's Threadfin Bream (Nemipterus randalli, Russell 1986) to the Food Web of the Northeastern Mediterranean Sea
	Yagmur akgun, Middle East Technical University, Türkiye
17:25-17:50	Title: Sensory Characterization Of Four Types Of Back And Liver Paté Bullfrog (Aquarana Catesbeiana), Added Products Nutraceuticals
	Luiz Rogerio Magalhães, Federal Fluminense University, Brazil
17:50-19:00	Poster Presentation
P001	Title: Tree heather's therapeutic potential in oxidative stress and diabetes-linked key enzymes
	EL FADILI NOUR EL HOUDA, Abdelmalek Essaâdi University, Morocco
P002	Title: Allopathic Potential of Wedelia Leaf Extract against Purple Nutsedge for Sustainable Weed Management
	Qurrotul Uyun, Gadjah Mada University, Indonesia
P003	Title: Enhanced visible light-driven photocatalytic activity and stability of novel ternary ZnO/CuO/MoO ₃ nanorods for the degradation of rhodamine B and alizarin yellow
	Muhammad Khalid Hussain, National University Canberra, Australia

P004	Title: The importance of food supplements in maintaining healthy skin
	Artiom Jucov, University of Medicine and Pharmacy Nicolae Testemitanu, Republic of Moldova
	Ciobanu Cristina, University of Medicine and Pharmacy Nicolae Testemitanu, Republic of Moldova
P005	Title:Economic Efficiency versus Energy Efficiency of Selected Crops in EU Farms
	Pawel Boczar, University of Life Sciences, Poznan, Poland
P006	Title: Aqueous extract of Euglena cantabrica and phycobiliproteins of Arthrospira platensis: a safe tool for post-harvest disease control on strawberry and tomato fruits
	Hillary Righini, University of Bologna, Italy
Closing & Award Ceremony	
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