

ORGANIZED BY



# GLOBAL CONGRESS ON FOOD AND NUTRITION



25-26  
NOV 2024



# SCIENTIFIC PROGRAM



GLOBAL CONGRESS ON  
**FOOD AND NUTRITION**

REGISTRATIONS (08:00 - 08:30)

OPENING REMARKS (08:30 - 09:00)

**09:00-09:30** **Translational Bioinformatics Resources and AI Solutions for Neurological and Neurodegenerative Diseases**  
Trupti Joshi, University of Missouri, Columbia

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**09:30-10:00** **TBA**  
Dr Husain Ahmed, South Tees Hospitals NHS foundation trust, UK

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KEYNOTE FORUM (10:00 - 11:30)

**10:00-10:30** **Membrane rafts organizing proteins?**  
Aleksander F. Sikorski, Research and Development Centre, Regional Specialist Hospital in Wrocław, Poland

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**10:30-11:00** **Pancreatic ductal adenocarcinoma**  
Nebojsa Manojlovic, Military Medical Acedemy, Serbia

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**11:00-11:30** **Covid-19 And The Mineralocorticoid Receptor; Key To Understanding An Effective Therapy**  
Christopher Edwards, Imperial College, United Kingdom

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GROUP PHOTO - REFRESHMENT BREAK (11:30 - 11:50)

TECHNICAL SESSION-I

**11:50-12:15** **Proinflammatory cytokines and their effect on murine small intestinal organoid secretion**  
Jasmin Ballout, Justus Liebig University Giessen, Germany

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**12:15-12:40** **Role of long non-coding RNAs (lncRNAs) in HIV latency**  
Ran Taube, Ben Gurion University, Israel

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**12:40-13:05** **Food Depiction in the Posts Created by Female Lithuanian Influencers in Facebook and Instagram**  
Robertas Basijokas, Vilnius University, Lithuania

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LUNCH @ RESTAURANT (13:05-13:40)

POSTER VIEWING (13:40-14:00)

- Poster - 1**  
**Fabrication of anisotropic skeletal muscle using in situ magnetic fields supplemented bioprinting process**  
Hanjun Hwangbo, Sungkyunkwan University, Republic of Korea
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- Poster - 2**  
**A simple recipe on how to obtain multicellular tumor spheroids to explore breast cancer microenvironment**  
Oliwia Piwócka, Greater Poland Cancer Centre, Poland
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- Poster - 3**  
**A simple recipe on how to obtain multicellular tumor spheroids to explore breast cancer microenvironment**  
Mohammad Nofal, Southend University Hospital, UK
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- Poster - 4**  
**Optimizing Matrix Stiffness for Enhanced Differentiation of Neural Progenitor Cells in Tissue Engineering**  
GeunHyung Kim, Sungkyunkwan University, Republic of Korea
- 
- Poster - 5**  
**DDX21 Modulates HIV Replication and Latency**  
Praveen kumar Murugavelu, Ben Gurion University, Israel
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- Poster - 6**  
**The Role of Rab31 in the Regulation of HIV Gene Expression and Viral Latency**  
Heli Glebko, Ben Gurion University, Israel
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- Poster - 7**  
**Docosahexaenoic and eicosapentaenoic acid supplementation could attenuate negative effects of maternal metabolic syndrome on male and female offspring lipid metabolism**  
Kristina Starčević, University of Zagreb, Croatia
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- Poster - 8**  
**Heavy Metal Toxicity and Infant Foods**  
Judith C. Anglin, University of Vermont, USA
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- Poster - 9**  
**Blackcurrant juice polyphenols and the change in their content by lactic acid fermentation**  
Kamila Borowiec, University of Life Sciences in Lublin, Poland
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- Poster - 10**  
**Pharmacological modulation of monomeric C-reactive protein to control chronic inflammatory disease**  
Mark Slevin, The George Emil Palade University of Medicine, Pharmacy, Science and Technology, Romania

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- Poster - 11**      **Screening of adult ADHD among patients with obesity seeking bariatric surgery**  
Anna Rajtar, Jagiellonian University, Poland
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- Poster - 12**      **Fabrication of anisotropic skeletal muscle using in situ magnetic fields supplemented bioprinting process**  
Natalia Kopiś-Posiej, Medical University of Lublin, Poland
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- Poster - 13**      **Squalenoyl siRNA PMP22 nanoparticles are effective in treating mouse models of Charcot-Marie-Tooth disease type 1A**  
Liliane Massade, INSERM, Italy
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- Poster - 14**      **Effects of tenofovir alafenamide versus tenofovir disoproxil fumarate on serum lipid profiles in patients with chronic hepatitis B**  
Chao Wu, Nanjing Drum Tower Hospital, China
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- Poster - 15**      **Fabrication of a Vascularized Cardiac Patches with Aligned Multiple Cell Types for Myocardial Infarction Restoration**  
WonJin Kim, Sungkyunkwan University, Republic of South Korea

## TECHNICAL SESSION-II

- 14:00-14:25**      **The effect of Gamma Irradiation on nucleolar activity, the presence of chromosomal abnormalities and the efficiency of energy conversion as indicators for mutation breeding in Triticum turgidum ssp. durum L. cultivar Orania**  
Eben Von Well, Agricultural Research Council - Small Grain, South Africa
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- 14:25-14:50**      **Signalling transduction through RIPK2, a drug target for IBDs**  
Erika Pellegrini, Institute of Structural Biology (IBS), France
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- 14:50-15:15**      **BDNF-induced synaptic plasticity: the role of mitochondrial fission**  
Filipe Duarte, CNC - Center for Neuroscience and Cell Biology, University of Coimbra, Portugal
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- 15:15-15:40**      **Technical notes and short-term results of Laparoscopic Right Hemicolectomy (D3+CME) for Colon Cancer**  
Jianping Gong, Tongji Hospital of Tongji Medical College, China

## REFRESHMENT BREAK (15:40-16:00)

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**16:00-16:25** **Aldose Reductase Inhibitor AT-007 Prevents Mitochondrial Dysfunction And Neurodegeneration In Sorbitol Dehydrogenase Deficiency-Induced Neuropathy**  
Amanda Lobato, University of Chicago, USA

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**16:25-16:50** **Bilateral vocal fold paresis and glottal bridge synechia in COVID-19**  
Antonia Elisabeth Tardue-Breiter, Medical University of Graz , Austria

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**16:50-17:15** **Drug-drug synthetic lethality to combat liver cancer: From bench to bedside**  
Haojie Jin, Shanghai Cancer Institute, China

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**17:15-17:40** **Delay in loop ileostomy reversal surgery does not impact upon post-operative clinical outcomes. Complications are associated with an increased loss of microflora in the defunctioned intestine**  
Rachel Rigby, Lancaster University, United Kingdom

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**17:40-18:05** **Successful expansion of MDR-TB Clones in Northern Tunisia**  
Naira DEKHIL, Institute Pasteur de Tunis, Tunisia

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PANEL DISCUSSIONS

END OF DAY 1

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## KEYNOTE FORUM (09:00 - 10:30)

**09:00-09:30** **Therapeutic GST enzymes targeting cancer via epitope-binding fusion proteins**  
**BENGT MANNERVIK**, Stockholm University, Sweden

**09:30-10:00** **Difficult duodenal dilemmas, endoscopy has stolen the show but there is still a role for old fashioned surgery – focus on pancreas sparing duodenectomy**  
**Daniel Joyce**, Cleveland Clinic, USA

**10:00-10:30** **Strategies for monitoring patients with Barrett's esophagus**  
**Thomas Rabenstein**, Diakonissen-Stiftungs-Krankenhaus Speyer, Germany

## GROUP PHOTO - REFRESHMENT BREAK (10:30-10:50)

## TECHNICAL SESSION-III

**10:50-11:15** **Stem Cells for the Management of Osteoarthritis: Hype or Hope?**  
**Kent Kwoh**, University of Arizona, USA

**11:15-11:40** **Viral Shedding Of Andv During Acute Phase Of Hantavirus Infection**  
**Constanza Martinez**, Pontificia Universidad Catolica de Chile, Chile

**11:40-12:05** **Laparoscopic cholecystectomy for giant gall stone**  
**Mohammed Al-Fehaid**, Qassim University, Saudi Arabia

**12:05-12:30** **Pediatric intracranial empyemas originated from otogenic and sinogenic infections in Ile de France: a cohort of 151 cases**  
**Marco Stefani**, Hôpital Necker - Enfants Malades, France

**12:30-12:55** **Real life data important to make appropriate choices at the end of life in patients with pancreatic cancer**  
**Brigitte Haberkorn**, Maasstad Hospital, The Netherlands

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LUNCH @ RESTAURANT (12:55-13:40)

TECHNICAL SESSION-IV

- 13:40-14:05**  
**RIOK2 transcriptionally regulates telomerase activity to prevent telomere shortening**  
Shrestha Ghosh, Dana Farber Cancer Institute, USA
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- 14:05-14:30**  
**Genetically Engineered CLDN18.2 CAR-T Cells Expressing Synthetic PD1/CD28 Fusion Receptors and Signaling Mechanism Regulation Factor Produced Using a Lentiviral Vector**  
Heonju Lee, CARBio Therapeutics, South Korea
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- 14:30-14:55**  
**Pleiotropic impacts of chloroquine encompass concurrent activation of pro-survival and pro-death signaling in glioblastoma stem cells: Implications for chloroquine-mediated radiosensitization**  
Ella Kim, University Medical Center Mainz, Germany
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- 14:55-15:20**  
**Persistence of Anti-Rabies Antibody Response in Horses Following Vaccination**  
Marina Eyngor, Kimron Veterinary institute (KVI), Israel
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- 15:20-15:45**  
**The combined hepatocellular carcinoma-intrahepatic cholangiocarcinoma (cHCC-CCA) – a rare primary liver cancer**  
Monica Acalovschi, Iuliu Hatieganu University of Medicine and Pharmacy, Romania
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- 15:45-16:10**  
**The Role of Nutrigenetics and Epigenetics in Longevity: Can We Turn Back Our Epigenetic Clock?**  
Gülşen MERAL, Epigenetic Coaching Company, United Kingdom

REFRESHMENT BREAK (16:10-16:25)

- 16:25-16:50**  
**Basigin Binds to Calpain 4 for the Production of Traction Forces**  
Karen A Beningo, Wayne State University, USA
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- 16:50-17:15**  
**Endoscopic Findings in Patients Who Underwent Bariatric Surgery**  
Isabela Cristina Coelho da Cunha e Castro, University of Vale do Itajaí, Brazil

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**17:15-17:40**      **Complexity of damage-associated molecular pattern molecules (DAMPs) expression profile in porcine brain affected by ischemic stroke**

**Izabela Malysz-Cymborska**, University of Warmia and Mazury, Poland

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**17:40-18:05**      **Advancing In Vitro Natural Rubber Synthesis via Cell-Free Systems**

**Abdul Wakeel Umar**, Beijing Normal University, China

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**18:05-18:30**      **Dihydrotestosterone Augments the Angiogenic and Migratory Potential of Human Endothelial Progenitor Cells by an Androgen-Dependent Mechanism**

**Mirel Adrian Popa**, ICBP- Nicolae Simionescu, Romania

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**18:30-18:55**      **FLAP&CAP: precision targeted single-molecule profiling of epigenetic heterogeneity, chromatin dynamics, and genetic variation**

**Michael P. Kladde**, University of Florida, USA

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END OF DAY 2

VIRTUAL PRESENTATIONS  
ON DAY 2  
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CET  
08:00 - 16:00

- 08:00-08:25 **Culture filtrate proteins from Mycobacterium bovis BCG act as adjuvants for cytotoxic T lymphocyte induction**  
Kazuhiro Matsuo, Hokkaido University, Japan
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- 08:25-08:50 **Difficult Management of Pancreatic Pseudocyst Drainage in a 4-year-old Child**  
Sheng Ding, Shanghai Children's Medical Center, China
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- 08:50-09:15 **Molecular characterization and clinical relevance of Metabolic Signature Subtypes in Gastric cancer**  
Wei Chong, Shandong Provincial Hospital, China
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- 09:15-09:40 **Comparison of Open and Laparoscopic assisted Pancreaticoduodenectomy for periampullary carcinoma – A Propensity score-matched analysis**  
Rohith Kodali, All India Institute of Medical Sciences , India
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- 09:40-10:05 **Targeted Modulation of TNF- $\alpha$  and Adiponectin via Ginger and Sea Buckthorn Microemulsion: A Novel Approach for Nonalcoholic Fatty Liver Disease**  
Nilay Solanki, Ramanbhai Patel College of Pharmacy, India
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- 10:05-10:35 **Keynote: Effective albumin – A novel paradigm in the management of decompensated liver cirrhosis**  
Mauro Bernardi, Università di Bologna, Italy
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- 10:35-11:00 **Combining in-vitro and in-silico digestion modelling to improve the predictive power for in-vivo behavior**  
George Alexander van Aken , Insight Food inside, The Netherlands
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- 11:00-11:25 **Mesh excision secondary to spondylodiscitis after colposacropexy graft rejection. Step by step video**  
Jaime Sanz Pablos, HM Hospitales, Spain
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- 11:25-11:50 **TBA**  
Cioca Flavius, "Victor Babes" University of Medicine and Pharmacy Timisoara, Romania
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- 11:50-12:15 **In Silico and In Vivo Investigations of SIRTUIN4: Implications for Tumor Suppression and Chemotherapy Resistance in Colorectal Cancer**  
Allal Badredine, University of Sciences And Technology Houari Boumediene, Algeria

GLOBAL CONGRESS ON  
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08:00 - 16:00

- 12:15-12:40** **Mathematical modeling of booster vaccine efficacy for SARS-CoV-2 in healthy, cancer, and immunosuppressed patients**  
Chrysovalantis Vouturi, University Of Cyprus, Cyprus
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- 12:40-13:10** **Keynote: Use of indocyanine green fluorescence imaging in the extrahepatic biliary tract surgery**  
Orestis Ioannidis, Aristotle University of Thessaloniki, Greece
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- 13:10-13:35** **Intestinal CX3CR1+ Macrophage Dysregulation Drives Immune Activation and Viral Persistence in Chronic SIV Infection: Implications for HIV-1 Cure Strategies**  
Mariangela Cavarelli, Université Paris-Saclay, France
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- 13:35-14:00** **Mycophenolate-induced Colitis: A Case Report with Focused Review of Literature**  
Rehan M. Farooqi, MedStar Montgomery Medical Center, USA
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- 14:00-14:25** **MG53 suppresses tumor growth via transcriptional inhibition of KIF11 in pancreatic cancer**  
Chuanxi Cai, University of Virginia, USA
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- 14:25-14:50** **VEGFA mRNA-LNP promotes biliary epithelial cell-to-hepatocyte conversion in acute and chronic liver diseases and reverses steatosis and fibrosis**  
Valerie Gouon-Evans, Boston University Boston Medical Center, USA
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- 14:50-15:15** **Accurate Recapitulation of Chikungunya Virus Complete Coding Sequence Phylogeny Using Variable Genome Regions for Genomic Surveillance**  
Mario H. Rodriguez, National Institute of Public Health, Mexico
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- 15:15-15:40** **Food-Specific Antibodies Reflect Inflammation and Antigen Removal in Eosinophilic Esophagitis**  
Ashley Pyne, University of Utah, USA

END