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WORLD CONGRESS OF GASTROENTEROLOGY & DIGESTIVE DISEASES



25-26
NOV 2024



SCIENTIFIC PROGRAM



WORLD CONGRESS OF
**GASTROENTEROLOGY &
DIGESTIVE DISEASES**

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

09:30-10:00

The Paradox of Modern Living

Maysar Sarieddine, Founder & Director, The Innerspace, Lebanon

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

10:30-11:00

Pancreatic adenocarcinoma

Nebojsa Manojlovic, Military Medical Academy, Serbia

11:00-11:30

Covid-19 And The Mineralocorticoid Receptor; Key To Understanding An Effective Therapy

Christopher Edwards, Imperial College, United Kingdom

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

12:15-12:40

Role of long non-coding RNAs (lncRNAs) in HIV latency

Ran Taube, Ben Gurion University, Israel

12:40-13:05

Food Depiction in the Posts Created by Female Lithuanian Influencers in Facebook and Instagram

Robertas Basijokas, Vilnius University, Lithuania

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

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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
-
- Poster - 2** **A simple recipe on how to obtain multicellular tumor spheroids to explore breast cancer microenvironment**
Oliwia Piwócka, Greater Poland Cancer Centre, Poland
-
- Poster - 3** **Optimizing Matrix Stiffness for Enhanced Differentiation of Neural Progenitor Cells in Tissue Engineering**
GeunHyung Kim, Sungkyunkwan University, Republic of Korea
-
- Poster - 4** **DDX21 Modulates HIV Replication and Latency**
Praveen Kumar Murugavelu, Ben Gurion University, Israel
-
- Poster - 5** **The Role of Rab31 in the Regulation of HIV Gene Expression and Viral Latency**
Heli Glebko, Ben Gurion University, Israel
-
- Poster - 6** **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
-
- Poster - 7** **Heavy Metal Toxicity and Infant Foods**
Judith C. Anglin, University of Vermont, USA
-
- Poster - 8** **Blackcurrant juice polyphenols and the change in their content by lactic acid fermentation**
Kamila Borowiec, University of Life Sciences in Lublin, Poland
-
- Poster - 9** **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 - 10** **Screening of adult ADHD among patients with obesity seeking bariatric surgery**
Anna Rajtar, Jagiellonian University, Poland
-
- Poster - 11** **Fabrication of anisotropic skeletal muscle using in situ magnetic fields supplemented bioprinting process**
Natalia Kopiś-Posiej, Medical University of Lublin, Poland
-
- Poster - 12** **Squalenoyl siRNA PMP22 nanoparticles are effective in treating mouse models of Charcot-Marie-Tooth disease type 1A**
Liliane Massade, INSERM, Italy
-
- Poster - 13** **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
-
- Poster - 14** **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
-
- 14:25-14:50** **Signalling transduction through RIPK2, a drug target for IBDs**
Erika Pellegrini, Institute of Structural Biology (IBS), France
-
- 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
-
- 15:15-15:40** **Membrane Anatomy of D2/3+CME for GI 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

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

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

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

17:40-18:05 **Microbial Transglutaminase: A New Potential Player in Gluten Related Disorders**
Patricia Wusterhausen, AESKU, Germany

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 **Severe intracranial infections in children : the emergence of Otsinogenic Empyema**
Marco Antonio Stefani Ferreira, 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

RIOK2 transcriptionally regulates telomerase activity to prevent telomere shortening

13:40-14:05

Shrestha Ghosh, Dana Farber Cancer Institute, USA

Genetically Engineered CLDN18.2 CAR-T Cells Expressing Synthetic PD1/CD28 Fusion Receptors and Signaling Mechanism Regulation Factor Produced Using a Lentiviral Vector

14:05-14:30

Heonju Lee, CARBio Therapeutics, South Korea

Pleiotropic impacts of chloroquine encompass concurrent activation of pro-survival and pro-death signaling in glioblastoma stem cells: Implications for chloroquine-mediated radiosensitization

14:30-14:55

Ella Kim, University Medical Center Mainz, Germany

Persistence of Anti-Rabies Antibody Response in Horses Following Vaccination

14:55-15:20

Marina Eyngor, Kimron Veterinary institute (KVI), Israel

The combined hepatocellular carcinoma–intrahepatic cholangiocarcinoma (cHCC–CCA) – a rare primary liver cancer

15:20-15:45

Monica Acalovschi, Iuliu Hatieganu University of Medicine and Pharmacy, Romania

The Role of Nutrigenetics and Epigenetics in Longevity: Can We Turn Back Our Epigenetic Clock?

15:45-16:10

Gülşen Meral, Epigenetic Coaching Company, United Kingdom

REFRESHMENT BREAK (16:10-16:25)

Basigin Binds to Calpain 4 for the Production of Traction Forces

16:25-16:50

Karen A Beningo, Wayne State University, USA

Endoscopic Findings in Patients Who Underwent Bariatric Surgery

16:50-17:15

Isabela Cristina Coelho da Cunha e Castro, University of Itajaí Valley, 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

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

Abdul Wakeel Umar, Beijing Normal University, China

18:05-18:30 **Successful expansion of MDR-TB Clones in Northern Tunisia**

Naira DEKHIL, Institute Pasteur de Tunis, Tunisia

18:30-18:55 **Seroprevalence of viral transfusion transmissible infections (HBsAg, anti-HCV, anti-HIV, Syphilis) and coinfection among healthy volunteer blood donors during 5-years in Luanda, Angola**

Angelina Edna Quintas, University of Porto, Portugal

END OF DAY 2

November 26
Virtual Presentations
Central European
Time

WORLD CONGRESS OF
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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
-
- 08:25-08:50** Difficult Management of Pancreatic Pseudocyst Drainage in a 4-year-old Child
Sheng Ding, Shanghai Children's Medical Center, China
-
- 08:50-09:15** Molecular characterization and clinical relevance of Metabolic Signature Subtypes in Gastric cancer
Wei Chong, Shandong Provincial Hospital, China
-
- 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
-
- 09:40-10:05** Targeted Modulation of TNF- α and Adiponectin via Ginger and Sea Buckthorn Microemulsion: A Novel Approach for Nonalcoholic Fatty Liver Disease
Nilay Solanki, Ramanbhai Patel College of Pharmacy, India
-
- 10:05-10:35** **Keynote Presentation:** Effective albumin – A novel paradigm in the management of decompensated liver cirrhosis
Mauro Bernardi, University of Bologna, Italy
-
- 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
-
- 11:00-11:25** Mesh excision secondary to spondylodiscitis after colposacropexy graft rejection. Step by step video
Jaime Sanz Pablos, HM Hospitales, Spain
-
- 11:25-11:50** Comparative Analysis of COVID-19 Outcomes in Type 1 and Type 2 Diabetes: A Three Year Retrospective Study
Cioca Flavius, "Victor Babes" University of Medicine and Pharmacy Timisoara, Romania
-
- 11:50-12:15** Application of Manuka honey in treatment patients with GERD
Michał Gośliński, Nicolaus Copernicus University in Toruń, Poland

WORLD CONGRESS OF
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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
-
- 12:40-13:10** **Keynote Presentation: Use of indocyanine green fluorescence imaging in the extrahepatic biliary tract surgery**
Orestis Ioannidis, Aristotle University of Thessaloniki, Greece
-
- 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
-
- 13:35-14:00** **Mycophenolate-induced Colitis: A Case Report with Focused Review of Literature**
Rehan M. Farooqi, MedStar Montgomery Medical Center, USA
-
- 14:00-14:25** **MG53 suppresses tumor growth via transcriptional inhibition of KIF11 in pancreatic cancer**
Chuanxi Cai, University of Virginia, USA
-
- 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
-
- 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
-
- 15:15-15:40** **Food-Specific Antibodies Reflect Inflammation and Antigen Removal in Eosinophilic Esophagitis**
Ashley Pyne, University of Utah, USA
-
- 15:15-15:40** **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

END



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International Conference on
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International Conference on
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