



**19<sup>ο</sup>** ΠΑΝΕΛΛΗΝΙΟ  
 ΣΥΝΕΔΡΙΟ  
**ΚΛΙΝΙΚΗΣ ΧΗΜΕΙΑΣ**  
 4-6 Νοεμβρίου 2021  
 HYBRID CONGRESS **ΑΘΗΝΑ**  
 eekx-kb2021.gr

**ΕΕΚΧ-ΚΒ**  
 ΕΛΛΗΝΙΚΗ ΕΤΑΙΡΙΑ ΚΛΙΝΙΚΗΣ ΧΗΜΕΙΑΣ  
 ΚΛΙΝΙΚΗΣ ΒΙΟΧΗΜΕΙΑΣ

**IFCC**  
 International Federation  
 of Clinical Chemistry  
 and Laboratory Medicine

**EFLM**  
 European Federation  
 of Clinical Chemistry  
 and Laboratory Medicine

#### SCIENTIFIC PROGRAM COMMITTEE

1. Marilena Stamouli, MSc, EuSpLM
2. Dr Alexander Haliassos, MD, PhD, EuSpLM - IFCC Treasurer
3. Dr Konstantinos Makris, PhD, EuSpLM - Member IFCC- Executive Committee Scientific Division
4. Prof Evi Lianidou, PhD, IFCC -Cell free DNA and related circulating biomarkers (WG - cfDNA)
5. Dr Ioannis Papassotiriou, Ph D, Eu Sp LM, IFCC Emerging Technologies in Pediatric Laboratory Medicine (C-ETPLM)
6. Dr Katerina Psarra, PhD, EuSpLM, IFCC eNews Editor
7. Prof Evi Konsta, PhD, IFCC Task Force for Young Scientists
8. Prof Christos Kroupis, PhD, EFLM WG: In vitro diagnostics (IVD)/Accreditation
9. Prof Petros Karkalousos, PhD EFLM WG Distance Education and e-Learning
10. . Dr. Eirini Leimoni, PhD, EFLM Biological Variation (WG-BV)
11. . Prof Dimitrios Rizos, PhD, EuSpLM
12. . Prof Eleni Bairaktari Ph D, EuSpLM
13. . Prof Christos Tsatsanis, Ph D, EuSpLM
14. . Dr Alexandra Fleva, Ph D,
15. . Dr Alexandra Margeli, Ph D, EuSpLM
16. . Dr Emilia Mantzou, Ph D,
17. Dr Georgia Kapoula, Ph D,
18. Dr Ilias Togousidis, Ph D,
19. . Dr Andriani Grigoratou, Ph D, EuSpLM
20. . Dr Panagiota Spyropoulou, Ph D, EuSpLM

## SCIENTIFIC PROGRAM

**THURSDAY NOVEMBER 4, 2021**

### **16:00-18:00 SESSION 1: COVID-19**

Chair Professor Meletios A. Dimopoulos, MD

#### **16 :00 -16 :30 SARS-Co V-2 : Pathophysiology and therapies targeting its clinical complications**

Ioannis Trougakos, Professor of Cell Biology and Electron Microscopy, Department of Cell Biology & Biophysics , National and Kapodistrian University of Athens, Greece

#### **16 :30 -17 :00 Kinetics of anti-Spike-RBD Ig G and SARS-Co V-2 Neutralizing Antibodies ( NAbs) Development after Vaccination with the BNT 162 b2 m RNA Covid-19 Vaccine**

Evangelos Terpos , Professor of Hematology, National and Kapodistrian University of Athens, Greece

#### **17 :00 -17 :30 Biomarkers of inflammatory thrombosis and endothelial dysfunction in patients with COVID-19**

Grigoris Gerotziafas, Professor of Hematology UPMC (Paris VI), Head of the research group "Cancer Hemostasis and Angiogenesis" in INSERM UMR5-938, Faculté de Médecine, Sorbonne Université, France

#### **17:30-18:00 The effect of environmental factors on the epidemiology of COVID-19 infection**

Theodora Psaltopoulou, Professor in Epidemiology and Preventive Medicine, National and Kapodistrian University of Athens, Greece

## OPENING CEREMONY

**18:00-18:15** WELCOME ADDRESSES

Chair Alexander Haliassos

**18:15-18:45** OPENING LECTURE: **Laboratory Medicine in the era of COVID-19**

Giuseppe Lippi Full Professor of Clinical Biochemistry, Laboratory Director ( University Hospital of Verona), Secretary of European Federation of Clinical Chemistry and Laboratory Medicine ( EFLM) and Chair of IFCC Task Force on COVID-19.

**18:45-19:15** The "race" of serological tests during Covid-19 pandemic

Sergio Bernardini Professor MD, PhD, Department of Internal Medicine & Department of Clinical Biochemistry, University of Rome " Tor Vergata", Rome, Italy. Chair IFCC Emerging Technologies Division Executive Committee (ETD-EC).

---

**FRIDAY NOVEMBER 5, 2021**

---

**09:30-10:30** ORAL PRESENTATIONS

**10:30-12:00** SESSION 2: LIVER DISEASE

Chair Marilena Stamouli and Irini Leimoni

**10 :30 -11 :00** The contribution of clinical laboratory to the diagnosis and prognosis of autoimmune liver diseases

George Dalekos, Professor of Medicine Head of the Department of Medicine and the Research Laboratory of Internal Medicine, University of Thessaly, Larissa, Greece

**11:00-11:30** New insights on Viral Hepatitis

Emilia Hadziyannis, Professor of Clinical Pathology- Clinical Microbiology, Faculty of Medicine, School of Health Sciences, National and Kapodistrian University of Athens, Greece

**11:30-12:00 Wilson Disease and Other Hereditary Diseases of the Liver**

Maria Tzetzis, Professor of Genetics, National and Kapodistrian University of Athens, Greece

**12.00-13.00 SATELLITE MEETING SNIBE**

**13.00-16:00 INTERMISSION**

**16:00-16:30 SATELLITE SYMPOSIUM ESEAP**

**16:30-18:30 SESSION 3: LIVER BIOMARKERS**

Chair Konstantinos Makris and Evgenia Konsta

**16:30-17:00 Non-alcoholic fatty liver disease: Biomarkers and laboratory diagnosis**

Ioannis Elefsiniotis Professor of Medicine and Hepatology at the National and Kapodistrian University of Athens, Greece

**17 :00 -17 :30 Towards precision medicine: The Potential of Liquid Biopsies in Gastrointestinal Cancer**

Evi Lianidou Professor of Analytical Chemistry - Clinical Chemistry, National and Kapodistrian University of Athens, Greece

**17:30-18:00 Biomarkers for the diagnosis and prognosis of hepatocellular carcinoma**

Spilios Manolakopoulos Professor in Medicine-Gastroenterology , National and Kapodistrian University of Athens, Greece

**18:00-18:30 Hepatic Fibrosis Biomarkers**

Evanthia Kassi, Professor of Endocrinology/Biochemistry, National and Kapodistrian University of Athens, Greece

**SATURDAY NOVEMBER 6, 2021**

**10:00-10:30 ORAL PRESENTATIONS**

**10:30-12:30 SESSION 4: THE GUT-BRAIN AXIS**

**Chair Christos Kroupis and Dimitrios Rizos**

**10:30-11:00 Stress and the Gut-Brain Axis: Regulation by the Microbiome**

George Chrousos, Professor of Pediatrics and Endocrinology Emeritus Holder, UNESCO Chair on Adolescent Health Care, Director, University Research Institute of Maternal and Child Health and Precision Medicine, National and Kapodistrian University of Athens, Greece

**11 :00 -11 :30 The Gut-Brain Axis Connection with Diabetes and Metabolic Syndrome**

Christina Kanaka-Gantenbein, Professor of Pediatric and Pediatric Endocrinology, National and Kapodistrian University Athens

**11:30-12:00 The Gut-Brain Axis and its Omics**

**Nicolas Nicolaides** Division of Endocrinology, Metabolism and Diabetes, First Department of Pediatrics, University of Athens Medical School, 'Aghia Sophia' Children's Hospital, Athens, Greece

**12:00-12:30 Recent Insights into the Role of the Microbiome in Malignant and Benign Hematologic Diseases**

Christos Tsatsanis IMBB-Foundation for Research and Technology Hellas Medical School, University of Crete, Herakelion, Greece

**12.30-13.30 SATTELITE MEETING ROCHE**

**13.30-15:30 INTERMISSION**

**15:30-16:00 SATTELITE MEETING LERIVA**

**16:00-18:00 SESSION 5: INFLAMMATORY BOWEL DISEASES**

Chair Katerina Psarra and Andriani Grigoratou

**16:00-16:30 Idiopathic Inflammatory Enteropathies**

Gerasimos Mantzaris, Gastroenterologist, Haead of Gastroenterology Department of, Evangelismos Hospital, Athens, Greece

**16:30-17:00 The Clinical Significance of Fecal Calprotectin Determination**

Eleni Bairaktari , Professor of Clinical Chemistry, Medical School, University of Ioannina, Greece

**17:00-17:30 New Insights on Celiac Disease Biomarkers**

Alexandra Tsirogianni, Head of Immunology-Histocompatibility Department. Evangelismos General Hospital of Athens, Greece

**17:30-18:00 The multiparametric immunophenotypic study of lymphocyte subpopulations in the differential diagnosis of inflammatory bowel disease**

Marianna Tzanoudaki, Department of Immunology & Histocompatibility Specific Reference Centre for Primary Immunodeficiencies -Paediatric Immunology "Aghia Sophia" Children's Hospital, Athens,

**18.00 - 18.30 CONCLUSIONS AND CLOSING CEREMONY**

Ioannis Papassotiriou and Alexander Haliassos

Professor