TUESDAY 21 MAY, 2024

02:00 pm - REGISTRATION

02:00 pm - 03:00 pm - 1st dedicated poster session

03:00 pm - 03:30 pm - WELCOME

   Chairs: Sofia Siest, Bernécourt, France / Tomris Ozben, Antalya, Turkey

03:00 pm - 03:10 pm
   Sofia Siest, Bernécourt, France – SCs President

03:10 pm - 03:20 pm
   Tomris Ozben, Antalya, Turkey – IFCC President

03:20 pm - 03:30 pm
   Mario Plebani, Padova, Italy – EFLM President

03:30 pm - 04:30 pm - KEYNOTE LECTURE

   Chairs: Sofia Siest, Bernécourt, France / Tomris Ozben, Antalya, Turkey

   Khosrow Adeli, Toronto, Ontario, Canada
   Reference Interval Harmonization: Harnessing the Power of Big Data Analytics to Derive Common Reference Intervals Across Populations and Testing Platforms

04:30 pm - 04:45 pm – INTRODUCTION TO THE CONFERENCE
   Sofia Siest, Bernécourt, France

04:45 pm - 05:30 pm – PLENARY LECTURE
   Tomris Ozben, Antalya, Turkey
   Multi-omics profiling in the era of cancer precision medicine

05:30 pm - 07:00 pm - General Assembly of the Santorini Conferences (SCs) Association

WELCOME RECEPTION - 07:00 PM - 09:00 PM AT DE SOL HOTEL
WEDNESDAY 22 MAY, 2024

09:00 am - 11:00 am - SESSION I - Common denominators of chronic diseases - Diagnostics, where we are

Chairs: John Lamont, Antrim, United Kingdom / Stavroula Kanoni, London, United Kingdom

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09:00 am - 09:25 am
Behrooz Alizadeh, Gröningen, The Netherlands
Long-term outcomes in chronic mental disorders: Relevance to personalised medicine

09:25 am - 09:50 am
Helena Murray, Antrim, United Kingdom
VEGF-A a potential biomarker for personalised medicine in chronic diseases

09:50 am - 10:15 am
Mark Ruddock, Antrim, United Kingdom
Early inflammatory and fibrotic biomarkers of NAFLD and NASH

10:15 am - 10:35 am
Magnus Ingelman-Sundberg, Stockholm, Sweden
Use of an in vivo like 3D liver spheroid model for determining mechanisms and regulation of drug metabolism and liver fibrosis under conditions of steatosis and NASH

10:35 am – 11:00 am
Guillaume Paré, Hamilton, Canada
The quest for missing heritability: Role of rare variant and gene-environment interactions

11:00 am - 11:30 am - COFFEE BREAK

11:30 am - 12:30 pm - SESSION II - Flash Communications

Chairs: Candan Hizel Perry, Montreal, Canada / Alexander Haushofer, Wels, Austria

11:30 am - 11:50 am
Philippe Froguel, Lille, France
Genetic diagnosis and multi-omics clustering for diabetes precision medicine

11:50 am - 12:10 pm
American Society for Nutrition (ASN) - Dante Preciado, Rockville, United States
Best Practices for Earning and Maintaining Public Trust in Nutrition

12:10 pm - 12:30 pm
Georges Dedoussis, Athens, Greece
Personalised nutrition. The paradigm of obesity

12:30 pm - 01:30 pm - 2nd dedicated poster session

01:30 pm - 02:30 pm - LUNCH TIME
02:30 pm - 03:30 pm - SESSION III - Advances in Cancer detection and treatment with Liquid biopsy
   Chairs: Candan Hizel Perry, Montreal, Canada / Sanja Stankovic, Belgrade, Serbia

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02:30 pm - 03:00 pm
   Klaus Pantel, Hamburg, Germany
   Liquid biopsy: From discovery to clinical implementation

03:00 pm - 03:30 pm
   Catherine Alix-Panabières, Montpellier, France
   The utility of Liquid Biopsy in Immuno-Oncology: An emphasis on circulating tumor cells

03:30 pm - 05:30 pm - SESSION IV - Omics + data science: A match made in heaven
   Chairs: Panos Deloukas, London, United Kingdom / Alexander Haliassos, Athens, Greece

03:30 pm - 04:00 pm
   Panos Deloukas, London, United Kingdom
   Functional Analysis of Cardiovascular Disease Risk Variants

04:00 pm - 04:30 pm
   Richard Oram, Exeter, United Kingdom
   Can we predict the future? The utility of genetic risk scores for classification and prediction of autoimmune disease

04:30 pm - 05:00 pm
   Alexander Haliassos, Athens, Greece
   Artificial intelligence in External Quality Assessment - Proficiency Testing schemes (EQA-PT) in Laboratory Medicine

05:00 pm - 05:30 pm - Round Table on Omics

9:00 pm - CONGRESS DINNER AT DE SOL HOTEL
09:00 am - 10:00 am - SESSION V - Immunology versus genomics: A marriage never happened
   Chairs: Sanja Stankovic, Belgrade, Serbia / Markus Paulmichl, Salzburg, Austria

09:00 am - 09:30 am
   Federica Marelli-Berg, London, United Kingdom
   Cardiac inflammation: The relative contribution of autoimmunity and genes

09:30 am - 10:00 am
   Perry Elliott, London, United Kingdom
   Myocarditis: The challenge of diagnosis and the opportunities for treatment

10:00 am - 11:00 am - SESSION VI - Immunology biomarkers in Oncology precision
   Chairs: Eric Quemeneur, Strasbourg, France / Helena Murray, Antrim, United Kingdom

   10:00 am - 10:30 am
   Eric Quemeneur, Strasbourg, France
   Direct and indirect markers of response to anti-tumor vaccines or oncolytic virotherapy

   10:30 am - 11:00 am
   Mark Ruddock, Antrim, United Kingdom
   The importance of blood biomarkers in Oncology

11:00 am - 11:30 am - COFFEE BREAK

11:30 am - 12:30 pm - SESSION VII - AI-facilitated integrated risk scores: From bench to bedside for personalised medicine
   Chairs: Stavroula Kanoni, London, United Kingdom / Alexander Haliassos, Athens, Greece

   11:30 am - 12:00 pm
   Stavroula Kanoni, London, United Kingdom
   Integrated Risk Scores (IRS) for cardiovascular disease risk prediction – Advances towards precision medicine

   12:00 pm - 12:30 pm
   Aristides Eliopoulos, Athens, Greece
   Digital Twins in Precision Medicine and Personalised Nutrition

12:30 pm - 01:30 pm - SELECTED ABSTRACTS - ORAL COMMUNICATIONS SESSION – 1st part
   Chairs: Georges Dedoussis, Athens, Greece / Sanja Stankovic, Belgrade, Serbia

12:30 pm - 12:50 pm
   Sanja Stankovic, Belgrade, Serbia
   Diagnostic utility of cerebrospinal fluid biomarkers in patients with Alzheimer’s disease
12:50 pm - 01:10 pm
Constantinos Deltas, Nicosia, Cyprus
The spectrum of founder and other novel pathogenic variants in autosomal dominant Alport syndrome in Cyprus

01:10 pm - 01:30 pm
Vesna Dimitrijevic Sreckovic, Belgrade, SERBIA
SiMS score and siMS risk score increased in type 2 diabetes mellitus patients and development of coronary artery disease

01:30 pm - 02:30 pm - LUNCH TIME

02:30 pm - 04:10 pm - SELECTED ABSTRACTS - ORAL COMMUNICATIONS - 2nd part

02:30 pm - 02:50 pm
Estelle Pujos-Guillot, Clermont-Ferrand, FRANCE
Integrative exploration of metabolic syndrome in older men

02:50 pm - 03:10 pm
Maria Kafyra, Athens, Greece
Preventing Obesity Through Biologically And Behaviorally Tailored Interventions; Description Of The BETTER4U Project

03:10 pm - 03:30 pm
Ljubica Dimitrijević, Belgrade, SERBIA
Favorable effects of semaglutides on weight reduction and reducing the risk of chronic diabetes complications

03:30 pm - 03:50 pm
Enrico Iaccino, Catanzaro, ITALY
Development of target-guided approaches for exosome-associated miRNAs analysis standardization in the context of chronic degenerative diseases

03:50 pm - 04:10 pm
Reem Hamad, Khartoum, SUDAN
Actionability in regional and private contexts

04:10 pm - 05:10 pm - VEGF CONSORTIUM (open access)
Moderator: Sofia Siest, Bernécourt, France – SCs President

LECTURE
Georges Dagher, Paris, France
Quality matters
FRIDAY 24 MAY, 2024

09:00 am - 10:20 am - SESSION VIII - Pharmacogenomics: Clinical translation - Now and Future – Part I

**Chairs: Ron Van Schaik, Rotterdam, The Netherland / Charity Nofziger, Anif/Niederalm, Austria**

09:00 am - 09:20 am

**Sergio Bernardini, Rome, Italy**
Trends in precision medicine, pharmacogenetics as adjuvant in establishing a correct immunosuppressive therapy of kidney transplant

09:20 am – 09:40 am

**Candan Hizel Perry, Montreal, Canada**
From Pharmacogenomics to Polygenic Risk Score (PRS) for Drug Response Prediction - Are We There Yet?

09:40 am - 10:00 am

**Simone Vanoni, Anif/Niederalm, Austria**
An in vitro functional assay for determining CYP2D6 enzyme activity

10:00 am - 10:20 am

**Munir Pirmohamed, Liverpool, United Kingdom**
Interindividual variability and pharmacogenomics: Possible ways forward

10:20 am - 11:00 am - COFFEE BREAK

11:00 am – 12:20 pm - SESSION VIII - Pharmacogenomics: Clinical translation - Now and Future – Part II

**Chairs: Candan Hizel Perry, Montreal, Canada / Alexander Haushofer, Wels, Austria**

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11:00 am - 11:20 am

**Ron Van Schaik, Rotterdam, The Netherlands**
Pharmacogenetics in clinical practice: Experiences and challenges

11:20 am - 11:40 am

**Adrian LLerena, Badajoz, Spain**
Patient-centered drug therapy integrating Pharmacogenetics and e-health

11:40 am - 12:00 pm

**Markus Paulmichl, Salzburg, Austria**
Standardization in PGx diagnostics

12:00 pm - 12:20 pm

**Andrea Griesmacher, Innsbrück, Austria**
Pharmacogenetics and its appliance in clinical daily life
12:20 pm - 01:10 pm – PANEL DISCUSSION WITH SPEAKERS ON PHARMACOGENOMICS
moderated by specialists of pharmacogenomics interpretation

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12:20 pm - 12:30 pm
Wolfgang Schnitzel, Anif/Niederalm, Austria

12:30 pm - 12:40 pm
Mark Ruddock, Antrim, United Kingdom

12:40 pm - 12:50 pm
Alexander Haushofer, Wels, Austria

12:50 pm - 01:00 pm
Urs Meyer, Basel, Switzerland

01:00 pm - 01:10 pm
Thomas Wilckens, München, Germany

01:10 pm - 1:30 pm - CLOSING SESSION
Sofia Siest, Bernécourt, France