



MEETING VENUE at the conference center of DE SOL Hotel
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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

THURSDAY 23 MAY, 2024

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

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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

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

Chairs: Ron Van Schaik, Rotterdam, The Netherlands / 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 Hizek 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 Hizek 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, Innsbruck, 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