

# THE 10+2 SANTORINI CONFERENCE

26-29 May 2026

## SYSTEMS MEDICINE AND PERSONALISED HEALTH & THERAPY

The Odyssey from Hope to Practice:  
“Patient first – *keep Ithaca always in your mind*”

## PRELIMINARY PROGRAMME

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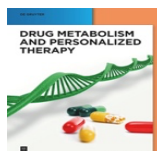
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Santorini Conferences Association  
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**MEETING VENUE at the conference center of DE SOL Hotel**

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## **TUESDAY 26 MAY, 2026**

**01:00 pm - REGISTRATION**

**02:00 pm - 02:30 pm – WELCOME**

**Sofia Siest**, Bernécourt, France – SCs President

**Tomris Ozben**, Antalya, Turkey – IFCC President

**Tomas Zima**, Prague, Czech Republic – EFLM President

**Peter Fitzgerald**, Antrim, United Kingdom – Founder & Managing Director of RANDOX Laboratories

**02:30 pm - 03:15 pm - KEYNOTE LECTURE**

**Chair: Sofia Siest**, Bernecourt, France

**Philippe Froguel**, Lille, France

**Unlocking Personalised Medicine in Obesity**

**03:15 pm – 03:45 pm - PLENARY LECTURE**

**Chair: Sofia Siest**, Bernecourt, France

**Tomris Ozben**, Antalya, Turkey

**Green Labs for improving environmental sustainability. What are the Priorities of Medical Laboratories in switching to Green Labs?**

**03:45 pm - 04:00 pm – INTRODUCTION TO THE CONFERENCE**

**Sofia Siest**, Bernécourt, France

**04:00 pm - 05:00 pm - SESSION I – Hot topics in PGx**

**Chairs: Mark Ruddock**, Antrim, United Kingdom / **Alexander Haushofer**, Wels, Austria

**04:00 pm - 04:20 pm**

**Adrian Llerena**, Badajoz, Spain

**Pharmacogenomics Implementation in Public Health Care: MedeA Initiative**

04:20 pm - 04:40 pm

Alexander Haushofer, *Wels, Austria*

Pharmacogenetics: Future Solution or Overstated Promise? A Critical View on the Current Situation

04:40 pm - 05:00 pm

Ferrier Le, *Santa Clara, United States*

Challenges and Considerations in Implementing Personalized Medicine

05:00pm - 06:30 pm - General Assembly of the Santorini Conferences (SCs) association

WELCOME RECEPTION - 07:00 PM - 09:00 PM AT DE SOL HOTEL

## WEDNESDAY 27 MAY, 2026

09:00 am - 11:00 am - **SESSION II** – New biomarkers/approaches in disease stratification and therapy to be taken into account in pharmacogenomics?

*Chairs: Helena Murray, Antrim, United Kingdom / Behrooz Alizadeh, Groningen, The Netherlands*

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09:00 am - 09:30 am

Mark Ruddock, *Antrim, United Kingdom*

Trauma preconditioning of cytokine response: comparison of perioperative cytokine profiles in elective cardiac versus orthopaedic trauma surgery patients

09:30 am - 10:00 am

Ioannis Papassotiriou, *Athens, Greece*

Pharmacogenomics of Sickle Cell Disease Therapeutics

10:00 am - 10:30 am

Behrooz Alizadeh, *Groningen, The Netherlands*

Current approaches to multi-morbidity: A multidisciplinary task for Precision Medicine

10:30 am – 11:00 am

Amélie Bonnefond, *Lille, France*

Contribution of Rare Variants in Identifying New Therapeutic Targets

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

11:30 am - 12:30 pm - **SESSION III** – Molecular advances in therapy using vaccines

*Chairs: Federica Marelli-Berg, London, United Kingdom / Tomas Zima, Prague, Czech Republic*

11:30 am - 11:50 am

Federica Marelli-Berg, *London, United Kingdom*

Covid-19 mRNA vaccines and autoimmunity

11:50 am - 12:10 pm

Eric Quemeneur, *Paris, France*

Integrating vaccinomics, precision vaccinology, and computational science into TPP-driven vaccine development

12:10 pm - 12:30 pm

Nikolaos Drakoulis, *Athens, Greece*

DIVIRNAM®: A novel sustained-release approach to respiratory viral infections

12:30 pm - 01:30 pm – 1<sup>st</sup> dedicated poster session

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

02:30 pm - 03:50 pm - **SESSION IV – Clinical Relevance of Liquid Biopsy Circulating Biomarkers: Who, What, Where, When, and Why?**

*Chairs: Catherine Panabieres, Montpellier, France / Alexander Haushofer, Wels, Austria*

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02:30 pm - 02:50 pm

Catherine Alix-Panabières, *Montpellier, France*

The biology of metastasis-competent circulating tumor cells in colon and breast cancer

02:50 pm - 03:10 pm

Bernhard Strasser, *Wels, Austria*

Implementation of a Phenotype-Oriented Cardiogenetic Panel for Cardiomyopathies and Arrhythmias in Clinical Practice

03:10 pm - 03:30 pm

Silvia Rocchiccioli, *Pisa, Italy*

Salivary exosomes as carriers of novel biomarkers in pancreatic cancer

03:30 pm - 03:50 pm

Klaus Pantel, *Hamburg, Germany*

Liquid biopsy-based detection and characterization of minimal residual disease in solid tumor patients: A new window of opportunity for post-adjuvant therapy

03:50 pm - 05:00 pm - **SELECTED ABSTRACTS - ORAL COMMUNICATIONS SESSION**

*Chairs: Stavroula Kanoni, London, United Kingdom / Enrico Iaccino, Catanzaro, Italy*

03:50 pm - 04:00 pm

Vesna Dimitrijevic Sreckovic, *Belgrade, Serbia*

Effects of the Mediterranean diet on the prevention and treatment of metabolic syndrome and associated disorders

04:00 pm - 04:10 pm

Maria Pagoni, *Athens, Greece*

Integrated pharmacogenetic signature for the prediction of prostatic neoplasms in men with metabolic disorders



04:10 pm - 04:20 pm

Katerina Apostolaki, Athens, Greece

Genetic Variability in Vascular Endothelial Growth Factor A and Risk of Psoriasis

04:20 pm - 04:30 pm

John Bibidakis, Athens, Greece

Protective Effects of Hydrolyzed Clinoptilolite Zeolite Against Cadmium Toxicity in Human Intestinal Cells

04:30 pm - 04:40 pm

Wei Q. Deng, Hamilton, Canada

Precision Psychiatry Through Intermediate Phenotypes

04:40 pm - 04:50 pm

Halima Bensmail, Doha, Qatar

A Multimodal Precision Oncology Framework for Personalized Drug Suitability Scoring

04:50 pm - 05:00 pm

Panos Dimitriadis, Stevenage, UK

Risk of malignancy in Thy3 thyroid nodules: a cohort study of 136 patients

7:00 pm - CONGRESS DINNER AT DE SOL HOTEL

**THURSDAY 28 MAY, 2026**

09:20 am – 12:10 pm - **SESSION V (2 Parts)** – Functional tests, reference values, danger in popularisation, AI and pharmacogenomics

*Chairs: Khosrow Adeli, Toronto, Ontario / Alexander Haushofer, Wels, Austria*

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1<sup>st</sup> Part: 09:20 am - 11:00 am

09:20 am - 09:40 am

Alexander Haushofer, Wels, Austria

PGx and functional markers in antiaggregating and anticoagulation therapies – Everything clear?

09:40 am - 10:00 am

**Khosrow Adeli**, *Toronto, Ontario, Canada*

**Clinical Applications of Cardiac Markers in Pediatrics**

10:00 am - 10:20 am

**Sanja Stankovic**, *Belgrad, Serbia*

**Decoding Lp (a): lessons of the past and prospects for the future**

10:20 am - 10:40 am

**Tomas Zima**, *Prague, Czech Republic*

**Cancer screening programmes**

10:40 am - 11:00 am

**Mark Ruddock**, *Antrim, United Kingdom*

**Use of a BMI-independent biomarker-based prostate cancer risk score to identify and triage individuals at risk of prostate disease**

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

2<sup>nd</sup> Part: 11:30 am - 12:10 pm

11:30 am - 11:50 am

**Andrea Griesmacher**, *Innsbruck, Austria*

**Pharmacogenetics in Routine Clinical Diagnostics: Updated Experience from the Central Laboratory of the University Hospital of Innsbruck**

11:50 am - 12:10 pm

**Nicolas Picard**, *Limoges, France*

**Comprehensive Pharmacogenomics in Psychiatry: From Metabolic Genes to Pharmacodynamic Targets and HLA Typing**

**12:10 pm - 01:30 pm - SESSION VI – Key progression steps forward pharmacogenomics**

**Chairs: Ron Van Schaik**, *Rotterdam, The Netherlands* / **Sergio Bernandini**, *Rome, Italy*

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12:10 pm - 12:30 pm

**Ron Van Schaik**, *Rotterdam, The Netherlands*

**Improving guidelines in pharmacogenomics**

12:30 pm - 12:50 pm

**Daniel Hertz, Michigan, United States**

**Retrospective and Prospective Clinical Studies of *DPYD* Pharmacogenetics Within an Institutional Genetics Data Repository**

12:50 pm - 01:10 pm

**Jean Christophe Boyer, Nîmes, France**

**Predicting life-threatening fluoropyrimidine toxicity beyond *DPYD* testing**

01:10 pm - 01:30 pm

**Jérôme Audoux, Montpellier, France**

**Democratizing Pharmacogenomics: Bridging NGS, AI, and Clinical Practice**

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

**02:30 pm - 03:50 pm - SESSION VII – Personalised Lifestyle as part of Precision Medicine**

***Chairs: Guillaume Paré, Hamilton, Canada / Aris Eliopoulos, Athens, Greece***

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02:30 pm - 02:50 pm

**Guillaume Paré, Hamilton, Canada**

**Biobank-scale survey of gene-diet interactions informs precision nutrition polygenic scores**

02:50 pm - 03:10 pm

**Aristides Eliopoulos, Athens, Greece**

**Brain organoids in personalized nutrition and pharmacotherapy in Obesity**

03:10 pm - 03:30 pm

**Kalliopi Gkouskou, Athens, Greece**

**Decoding the genetic blueprint of social eating: From empathy to obesity**

03:30 pm - 03:50 pm

**Nikolaos Tririkos-Karapanos, Cleveland, United States**

**Operating today with the standards of tomorrow - the Metron Nutraceuticals state-of-the-art example**

**03:50 pm - 05:30 pm - SESSION VIII – Predicting Disease risk – are integrated risk scores clinically useful?**

***Chairs: Behrooz Alizadeh, Gröningen, The Netherlands / Stavroula Kanoni, London, United Kingdom***

03:50 pm - 04:10 pm

**Stavroula Kanoni, London, United Kingdom**

**Development of a multimodal AI framework for precision cardiovascular risk prediction**

04:10 pm - 04:30 pm

**Brooke N. Wolford, Trondheim, Norway**

**Proteomics and genomics as risk predictors of cardiometabolic diseases**



04:30 pm - 04:50 pm

**Behrooz Alizadeh, Gröningen, The Netherlands**

**Predicting of mental diseases**

04:50 pm - 05:10 pm

**Ammira Akil, Doha, Qatar**

**ML approaches for improved T2D risk stratification in the Qatar Biobank**

05:10 pm - 05:30 pm

**Richard Oram, Exeter, United Kingdom**

**Use of “digital twin” simulations in healthcare, example(s) from autoimmune disease**

**05:30 pm - 06:30 pm - 2<sup>nd</sup> dedicated poster session**

## **FRIDAY 29 MAY, 2026**

**09:00 am - 10:20 am - SESSION IX – Functional genomics, understanding of disease pathophysiology**

***Chairs: Panos Deloukas, London, United Kingdom / Silvia Rocchiccioli, Pisa, Italy***

09:00 am - 09:20 am

**Panos Deloukas, London, United Kingdom**

**Identification of regulatory variants in vascular genes causing coronary artery disease**

09:20 am – 09:40 am

**Fariba Ahmadizar, Utrecht, The Netherlands**

**Integrating Multi-Omics and Biomarkers for Risk Prediction in Diabetes and Cognitive Health**

09:40 am - 10:00 am

**Helena Murray, Antrim, United Kingdom**

**Future-Ready T1D Solutions: Bridging genetics and autoantibody testing**

10:00 am - 10:20 am

**Federica Marelli-Berg, London, United Kingdom**

**Role of the host response in Infective Endocarditis**

10:20 am - 10:40 am

**Alexander Haliassos, Athens, Greece**

**NGS and AI in prenatal diagnosis: Issues and ethical implications**

**10:40 am - 11:30 am - COFFEE BREAK - [POSTERS AWARDS ATTRIBUTION](#)**

**11:30 am – 12:10 pm - SESSION X – 4P (Prediction, Prevention, Precision and Participation) strategies for obesity and diabetes**

***Chairs: Amelie Bonnefond, Lille, France / Sanja Stankovic, Belgrad, Serbia***

11:30 am - 11:50 am

**Philippe Froguel, Lille, France**

**4P's strategies in diabetes**

11:50 am - 12:10 pm

**Anita Morandi, Verona, Italie**

**4P's strategies in obesity**

**12 :10 pm – 12 :55 pm – FLASH COMMUNICATIONS from the Ibero American Network of Pharmacogenetics and Pharmacogenomics (RIBEF)**

*Coordinator: Adrián Llerena, Badajoz, Spain*

**12:10 pm - 12:25 pm**

**Carmen Mata-Martín, Badajoz, Spain**

**A Universal Implementation in Hispanics (MedeA Cohort)**

**12:25 pm - 12:40 pm**

**Carla González de la Cruz, Badajoz, Spain**

**Pharmacogenetics in a Caribbean Population in the Dominican Republic**

**12:40 pm - 12:55 pm**

**Levin Thomas, Badajoz, Spain**

**Application of Antidepressant Pharmacogenomics**

**12:55 pm - 01:30 pm - CLOSING SESSION - Sofia Siest, Bernécourt, France**