

# 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

[www.santoriniconference.org](http://www.santoriniconference.org)

## AUSPICES



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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, Gröningen, 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, Gröningen, 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 - 05:30 pm - SELECTED ABSTRACTS - ORAL COMMUNICATIONS SESSION**

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

**Vesna Dimitrijevic Sreckovic, Belgrade, Serbia**

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

**Maria Pagoni, Athens, Greece**

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

**Katerina Apostolaki, Athens, Greece**

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

**John Bibidakis, Athens, Greece**

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

**Wei Q. Deng, Hamilton, Canada**

**Precision Psychiatry Through Intermediate Phenotypes**

**Halima Bensmail, Doha, Quatar**

**A Multimodal Precision Oncology Framework for Personalized Drug Suitability Scoring**

**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**

## 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**  
**Advances on Cardiovascular Genomics**

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*