

# 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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Santorini Conferences Association  
For Research Innovation in Health



**MEETING VENUE at the conference center of DE SOL Hotel**  
<https://www.desolspahotel.com/santorini-five-star-hotel-conference/>

## **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  
**Impact of PGx Clinical Implementation in Health care**

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, Qatar

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 Bernardini, 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 – 12:30 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 - 12:00 pm

*Philippe Froguel, Lille, France*

**4P's strategies in diabetes**

12:00 pm - 12:30 pm

*Anita Morandi, Verona, Italie*

**4P's strategies in obesity**

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