

# 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*”

SCIENTIFIC PROGRAMME

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

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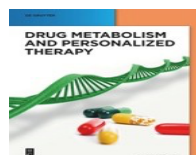


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**MEETING VENUE at the conference center of DE SOL Hotel**  
<https://www.desolspahotel.com/santorini-five-star-hotel-conference/>

## 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**, Bernécourt, France

**Philippe Froguel**, Lille, France

**Unlocking Personalised Medicine in Obesity**

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

**Chair: Sofia Siest**, Bernécourt, 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 - 05:10 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, United Kingdom*

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

05:00 pm - 05:10 pm

Silvia Fanti, *London, United Kingdom*

**Single-Cell Analysis Reveals Regulatory T-Cell Dysfunction in Arrhythmogenic Right Ventricular Cardiomyopathy**

**07:00 PM - GROUP PHOTO followed by the CONGRESS DINNER AT [VOLCANO VIEW 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, *Belgrade, Serbia*

**Decoding lipoprotein (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 am - 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 / Jean Christophe Boyer, Nîmes, France**

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

*Chairs: Guillaume Paré, Hamilton, Canada / Nikolaos Drakoulis, Athens, Greece*

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02:30 pm - 03:00 pm

Guillaume Paré, Hamilton, Canada

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

03:00 pm - 03:30 pm

Nikolaos Tsirikos-Karapanos, Cleveland, United States

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

03:30 pm - 05:10 pm - **SESSION VIII** – Predicting Disease risk – are integrated risk scores clinically useful?

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

03:30 pm - 03:50 pm

Stavroula Kanoni, London, United Kingdom

Development of a multimodal AI framework for precision cardiovascular risk prediction

03:50 pm - 04:10 pm

Brooke N. Wolford, Trondheim, Norway

Proteomics and genomics as risk predictors of cardiometabolic diseases

04:10 pm - 04:30 pm

Behrooz Alizadeh, Groningen, The Netherlands

Predicting Outcomes in Mental Health Disorders: A Lifecourse-Informed, Multidimensional Framework

04:30 pm - 04:50 pm

Ammira Akil, Doha, Qatar

ML approaches for improved T2D risk stratification in the Qatar Biobank

04:50 pm - 05:10 pm

Richard Oram, Exeter, United Kingdom

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

05:10 pm - 06:10 pm - 2<sup>nd</sup> dedicated poster session

## FRIDAY 29 MAY 2026

09:00 am - 10:40 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, Belgrade, 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***