8th Santorini Conference

WELCOME LETTER

The symbol of the 8th Santorini Conference is the poppy, a symbol in memory of Gérard Siest. A suffering took place this year on our Life’s path. It came and stays deep inside our heart. The suffering for a very significant person... Gérard SIEST passed away just one month before his 80th birthday and he never received his Birthday gift: 8 Poppies...

Day after day the poppies invited me to enjoy reading a small book of Rosette Poletti called La voie du coquelicot. The poppy’s path, I found there some sentences, which accompany me and that I wanted to share with you on the first day of this conference, October 3rd, the Name Day of Gérard...

I quote: “To continue on the path of the poppy is like walking and taking the step forward... It’s by walking that the path can be created…”

In line with this, twenty years ago, Gérard SIEST visited Santorini for the first time. I can’t say that I remember much or that it enchanted him. I remember a magical view of the caldera and a unique, breathless, extremely serene and dreamy smile on Gérard’s face while losing his gaze on the horizon. The island had bewitched him! It became his small paradise...

And in 2002, the story begins...

The 1st Santorini Conference “From Genetic Variations to Risk Prediction and Pharmacogenomics” was organised on 25-28 September 2002!

In some outstanding cases, inspiration confirms the talent and resulting work speaks for itself. And Gérard SIEST was one of those cases, whose ideas have taken the “Santorini Conferences” by storm.

Throughout the 14 years, 8 Santorini Conferences welcomed each time, about 150 registered participants coming from more than 30 different countries, 50 invited speakers and 20 selected oral presentations, 50 posters and exhibitions to a world of passion for science with specific Personalised Medicine sessions on Genetics and Pharmacogenomics of risks and chronic diseases.

From innovative projects, such as the creation of the European Society of Pharmacogenomics and Personalised Therapy (ESPT) in 2010 and upcoming research to the quintessence of personalised medicine with “hidden” and famous researchers, the Santorini Conferences had many faces and like a chameleon had the capacity to enchant academic and industry research in many ways.

Over the years, the Santorini Conferences became one of the most important conferences on genetic predisposition to health, disease, response to drugs and environment, in harmony with the island creative spirit, attracting scientists from all over the planet. None can dispute the unique vision of Gérard!

After 14 years, we are here again to follow the path along the caldera of the 8th Santorini Conference “Systems medicine and Personalised Health and Therapy” that Gérard had already initiated before passing away. The time has come to honour the memory of Gérard and our scientific guests and sponsors!

You will never get bored of this conference, that’s for sure!

Just follow the 9 sessions, the oral communications, the 5 satellite meetings organised in collaboration with ESPT and the MAST4HEALTH EU Project, the round table and see the posters and the website (www.santoriniconference.org)...

Sofia Siest
President of the 8th Santorini Conference

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ORGANIZING COMMITTEE

UMR INSERM U1122; IGE-PCV
“Interactions Gène-Environnement en Physiopathologie Cardio-Vasculaire”, Nancy, France

SCIENTIFIC COMMITTEE

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INFORMATION

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www.santoriniconference.org
FINAL PROGRAM AT A GLANCE

MONDAY OCTOBER 3rd
08:00 REGISTRATION
08:30 SESSION I
FROM SYSTEMS BIOLOGY TO SYSTEMS MEDICINE
Chairs: Philippe Froguel, Lille, France / Sofia Siest, Nancy, France
08:30 • From the 1st to the 8th Colloquium
Sofia Siest, Nancy, France
09:10 • Population resources: shifting requirements for advancing health care
Klaus Lindpaintner, Wolfsburg, USA
09:30 • Epigenetic signatures of brain aging
Andreas Papassotirioupolous, Basel, Switzerland
10:00 • Mechanistic bioprodiles and pharmacophenomics for precision medicine of heart failure
Rafik Zannad, Nancy, France
10:30 Coffee break and first poster visit
11:00 SESSION II
SYSTEMS PHARMACOGENOMICS AND MECHANISMS OF DRUG ACTION
Chairs: Andreas Papassotirioupolous, Basel, Switzerland / Marc Ansari, Geneva, Switzerland
11:00 • Metabolomics and its role in precision medicine: From patient to drug
John Ryals, Raleigh, USA
11:30 • Functional genomics in the characterization of the immune system
Erich Wanker, Berlin, Germany
11:50 • Genetic association of the APOE/TOMM40 haplotypes not present in other ethnic groups
John B. Roses, Chapel Hill, USA
12:00 • Functional analysis of the APOE/TOMM40 locus implicates a complex regulatory structure
Lynn Bekris, Cleveland, USA
12:30 Poster visit
13:30 Lunch break
14:00 SESSION III
GENOMICS AND PROTEOMICS OF ALZHEIMER’S DISEASE
Chairs: Andrés Papassotirioupolous, Basel, Switzerland / Allen Roses, Chapel Hill, USA
14:00 • African-American TOMM40 523–APOE haplotypes are admixture of West African and Caucasian alleles, not present in other ethnic groups
Erich Wanker, Berlin, Germany
14:30 • Proteomics, identification of new small molecules and prediction of Alzheimer’s disease
Lynn Bekris, Cleveland, USA
15:00 • Careful neuropathological testing reveals a novel genetic marker, GSTO1*C, linked to mild cognitive impairment and late-onset Alzheimer’s disease
Ellen Umlauf, Vienna, Austria
15:30 OPENING RECEPTION
Suites of the Gods on the Caldera

Most of the abstracts will be published in CCLM & DMPT, issue DOI:
DOI: 10.1515/cclm-2016-0657
DOI: 10.1515/dmpt-2016-0657
10:30  SESSION VI

NUTRITION AND METABOLIC HEALTH
Chairs: Roland P. Bühler, Basel, Switzerland / Maria Neyer-Weidner, Berlin, Germany

10:30  • Genetics of nutrition and of metabolic diseases
Philippe Frugier, Lille, France

11:00  • Gene-nutrient interaction data stemmed from nutritional interventions. The paradigm of the MASS-HEALTH EU program
Georges Dedoussis, Athens, Greece

11:30  • Xenohormetic nutrient signals that modulate aging and healthspan: a complex regulatory network for nutrigenomics
Giovanni Scapagnini, Mailò, Italy

12:00  Lunch break and poster visit

13:30  SELECTED ORAL PRESENTATIONS
Chairs: Tomris Ozben, Antalya, Turkey / Georges Wengha, Nancy, France

14:30  • Clinical Development of Tanibubramid and its next generation bispecific antibody for cancer treatment
Jim-San Yoo, Daejeon, South Korea

14:45  • Unbiased mass-spectrometry-based metabolomics profiling in over 1,000 patients reveals specific abnormalities in biochemical pathways in patients with atherosclerosis, as defined by cardiovascular CT-based precision phenotyping in the multi-center GLOBAL study
Szállírd Városi, Atlanta, USA

15:00  • Single nucleotide polymorphisms in dopaminergic pathways genes are associated with bruxism
Gonzalo H Opazo V., Temuco, Chile

15:15  • The “antioxidogram”: a biomarker of clinical interest for personalized medicine in blood diseases
Olivier Herault, Tours, France

16:00  GALA DINNER
• Pyrgos restaurant
Special keynote addresses in honor of Gérard Siest.
A lifetime work dedicated to the promotion of personalized medicine and the visionary man behind the Santorini Conferences.

With the participation of:
• The Director of the Research Unit, UMR INSERM U1122, KER-PCV - Sofia Siest, Nancy, France
• The President of the University of Lorraine
Pierre Mutzenhardt, Nancy, France
• The President of the European Society of Pharmacogenomics and Personalised Medicine
Ron H. van Schaik, Rotterdam, The Netherlands
• The President of the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) - On behalf of the President, Maurizio Simmaco, Roma, Italy

17:15  Lunch break
ACKNOWLEDGEMENTS

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