

The 10th Santorini Conference

SYSTEMS MEDICINE AND PERSONALISED HEALTH & THERAPY
The Odyssey from Hope to Practice: Patient first



SCIENTIFIC PROGRAM (18/07/2019)

*TBC – To Be Confirmed

Monday 28 September – 01:45 pm - 09:00 pm

➤ **REGISTRATION starts at 01:45 pm**

02:00 pm - 04:00 pm – VEGF Consortium meeting

04:00 pm - 05:00 pm – MAST4HEALTH consortium meeting

05:00 pm - 06:00 pm – 1st dedicated poster session

06:00 pm - 06:30 pm – WELCOME - *Sofia SIEST, Nancy, France*

06:30 pm - 07:30 pm - KEYNOTE LECTURE

Chairs: *Eleftherios Diamandis, Toronto, Canada / Sofia Siest, Nancy, France*

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Welcome reception – 07:30 pm - 09:00 pm at the Petros Nomikos Center

Tuesday 29 September – 09:00 am - 01:30 pm

09:00 am – 11:00 am – **SESSION I – LIQUID BIOPSY, PAST, PRESENT, FUTURE**

Chairs: *Dagmar Kasper, Hamburg, Germany / Georges Dagher, Paris, France*

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09:00 am - 09:30 am

Klaus Pantel, Hamburg, Germany

09:30 am - 10:00 am

Catherine Alix-Panabieres, Montpellier, France

10:00 am - 10:30 am

Maximilian Diehn, Stanford, United States- ctDNA (TBC).

10:30 am - 11:00 am

David Lyden, New York, United States - Tumor Extracellular Vesicles and their potential use in clinics (TBC)

11:00 am - 11:30 am – **Coffee Break**

11:30 am – 01:30 pm – FLASH COMMUNICATIONS SESSION

Chairs: Lynn Webster, Salt Lake City, United States / Mikael Tsai, Minnesota, United States

11:30 am – 11:45 am

Csilla Sipeky, Turku, Finland – Personalised medicine of prostate cancer

11:45 am – 12:00 pm

Belgin Ssleyici, Istanbul, Turkey - Precision Medicine in Routine Turkish Clinical Practice: Today and the Future

12:00 pm – 12:15 pm

Sanja Stankovic, Belgrade, Serbia – Association between CYP2C19 polymorphisms and clinical outcomes in STEMI patients treated by PPCI

12:15 pm – 12:30 pm

Milica Medic-Stojanoska, Nova Sad, Serbia - Polycystic ovary syndrome: do phthalates and bisphenol A play a role?

12:30 pm – 12:45 pm

Janja Marc, Ljubljana, Slovenia - Genetic factors in osteoporosis: from GWAS to functional evaluation

12:45 pm – 01:00 pm

Andrea Griesmacher, Innsbrck, Austria - Pharmacogenetics and immunosuppressive drugs in clinical daily life

01:00 pm – 01:15 pm

Vangelis Manolopoulos, Athens, Greece – Pharmacogenetics and personalised medicine in anticoagulation latest developments.

01:15 pm – 01:30 pm

X

01:30 pm – 02:30 pm – LUNCH TIME

Tuesday 29 September – 02:30 pm - 05:00 pm

02:30 pm – 05:00 pm – SESSION II – ADVANCES ON CELLULAR AND MULTI-OMIC APPROACHES

Chairs: Carlos Malpica, Doha, Qatar / Robert Barouki, Paris, France

02:30 pm – 03:00 pm

Colin Brenan, Boston, Massachusetts, United States - Single cell omics

03:00 pm - 03:30 pm

Donald E. Ingber, Cambridge, Massachusetts, United States - "Organ-on-a-chip" (TBC).

03:30 pm - 04:00 pm

X

04:00 pm - 04:30 pm

Scott Brouillette, Pleasanton, United States - "Single Cell and Spatial Gene Expression Analysis of the Tumor Microenvironment" (TBC).

04:30 pm - 05:00 pm

Karsten Suhre, Doha, Qatar – The importance of multi-omic data integration and analysis (TBC).

05:00 pm - 06:00 pm – 2nd dedicated poster session

9:00 pm – Gala dinner

Wednesday 30 September – 09:00 am - 01:30 pm

09:00 am – 11:00 am - **SESSION III – CANCER IMMUNOTHERAPY AND IMMUNOGENETICS**
Chairs: *Charity Nofziger, Salzburg, Austria / Robin Everts, San Diego, United States*

09:00 am - 09:30 am

Federico Innocenti, Chapel Hill, United States - The immune system and its interaction with the tumor genome: patient survival and response to therapy

09:30 am-10:00 am

Eleftherios Diamandis, Toronto, Canada - Biomarkers for cancer immunotherapy

10:00 am-10:30 am

John Haanen, Amsterdam, The Netherlands (TBC).

10:30 am-11:00 am

Tomas Kirchhoff, New York, United States (TBC).

11:00 am - 11:30 am – Coffee Break

11:30 am – 01:30 pm - **SESSION IV – HEART INFLAMMATION**

Chairs: *Panagiotis Deloukas, London, United Kingdom / Eric Boerwinkle, Houston, United States*

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11:30 am -12:00 pm

Federica Marelli-Berg, London, United Kingdom

12:00 pm -12:30 pm

Michael Tsai, Minnesota, United States - Heart Failure Inflammation

12:30 pm - 01:00 pm

Shoumo Bhattacharya, Oxford, United Kingdom - Therapeutic targeting of the chemokine network in inflammation using tick salivary proteins

01:00 pm - 01:30 pm

Giuseppina Caligiuri, Paris, France (TBC).

01:30 pm – 02:30 pm – LUNCH TIME

Wednesday 30 September – 02:30 pm - 04:30 pm

02:30 pm – 04:30 pm – **SESSION V – ECON-OMICS: BETTER CARE FOR BETTER COST**
Chairs: *Georges Dagher, Paris, France / Robin Everts, San Diego, United States*

02:30 pm - 03:00 pm

Georges Dagher, Paris, France - Is there life between standards?

03:00 pm - 03:30 pm

Uwe Oelmueller, Hilden, Germany

03:30 pm - 04:00 pm

Stephen Morris, London, United Kingdom (TBC).

04:00 pm - 04:30 pm

Georgia D. Tourassi, Oak Ridge, Tennessee, United States - Challenges in the areas of health informatics, health economics, and clinical translation (TBC).

04:30 pm – 05:30 pm – **SELECTED ABSTRACTS - ORAL COMMUNICATIONS SESSION**

Chairs: *Csilla Sipeky, Turku, Finland / Belgin Ssleyici, Istanbul, Turkey*

6 x 15 min

Thursday 1 October – 09:00 am - 02:00 pm

09:00 am – 11:30 am – **SESSION VI – GENETIC SCREENING & CLINICAL APPLICATIONS**
Chairs: Guillaume Paré, Hamilton Canada / Eric Boerwinkle, Houston, United States

09:00 am - 09:30 am

Panagiotis Deloukas, London, United Kingdom - Cardiovascular disease prediction & polygenic risk scores

09:30 am - 10:00 am

Guillaume Paré, Hamilton Canada - The rise of the polygenic risk score: Phoenix or Icarus?

10:00 am - 10:30 am

Robert Barouki, Paris, France - The relevance of non-genomic stressors: deciphering environmental factors for the next decade

10:30 am - 10:45 am – **Coffee Break**

10:45 am - 11:15 am

Sue Hill - whole genome sequencing in the NHS (TBC).

11:15 am - 11:45 am

Eric Boerwinkle, Houston, United States (TBC).

11:45 am - 12:00 am – **Coffee Break**

12:00 am – 02:00 pm – **SESSION VII – DIGITAL HEALTH**

Chairs: Alexander Haliassos, Athens, Greece, / Michael Marschler, Mannheim, Germany

12:00 am - 12:30 pm

Alexander Haliassos, Athens, Greece - Mobile Health (mHealth) and Internet of Things (IoT)

12:30 pm - 13:00 pm

Ivan Brandslund, Odense, Denmark - Using artificial intelligence in triage and diagnosis in the emergency ward

Other conferences addressing Big Data and Health as well as artificial intelligence applied to diagnostics by Health Innovation and Strategy managers from leading corporations are pending confirmation

02:00 pm – 03:00 pm – **LUNCH TIME**

Thursday 1 October - 03:00 pm – 05:30 pm

03:00 pm – 05:00 pm – **SESSION VIII – PHARMACOGENOMICS AND POST-MARKETING APPLICATIONS**

Chairs: Charity Nofziger, Salzburg, Austria / John Lamont, Crumlin, County Antrim, United Kingdom

03:00 pm - 03:30 pm

Marie-Anne Lorient, Paris, France, (HEGP)

03:30 pm - 04:00 pm

Ron van Schaik, Rotterdam, The Netherlands - Pharmacogenetics testing in a health care system

04:00 pm - 04:30 pm

Charity Nofziger, Salzburg, Austria - Efforts of the Pharmacogene Variation Consortium (PharmVar) to facilitate the interpretation of pharmacogenetic test results and guide precision medicine

04:30 pm – 05:00 pm

Maurizio Simmaco, Roma, Italy – Pharmacogenetics implementation in the clinics- an Italian model

***CLOSING SESSION* – Sofia Siest, Nancy, France**