Monday 24 May – 01:00 pm - 09:00 pm

- **REGISTRATION** starts at 01:00 pm

01:15 pm - 03:00 pm – VEGF Consortium (closed meeting)

03:00 pm - 04:00 pm – MAST4HEALTH consortium (closed meeting)

04:00 pm - 05:00 pm – 1st dedicated poster session

05:00 pm - 05:30 pm – WELCOME – **Sofia SIEST**, Nancy, France

05:30 pm - 06:30 pm – KEYNOTE ROUND TABLE – **PGx ANALYSIS IN THE MEDICAL DIAGNOSTIC LABORATORY - FROM SCIENCE TO CLINICAL DECISION SUPPORT (CDS)**

**Chairs:** **Alexander Haushofer**, Wels, Austria / **Markus Paulmichl**, Salzburg, Austria

**Participants:** Ron van Schaik, Munir Pirmohamed, Magnus Ingelman-Sundberg, Raute Sunder-Plassman

06:30 pm - 07:30 pm – KEYNOTE LECTURE

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


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

Tuesday 25 May – 09:00 am - 01:30 pm

09:00 am – 10:30 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 – Technologies and Clinical Applications of Liquid Biopsy

09:30 am - 10:00 am

**Catherine Alix-Panabieres**, Montpellier, France

10:00 am - 10:30 am
Ed Shuuring, Gröningen, The Netherlands
10:30 am -11:00 am
Michael Oellerich, Göttingen, Germany – Donor-derived cell-free DNA in organ transplantation: a value proposition

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 / Vangelis E. Manolopoulos, Alexandroupolis, Greece

11:30 am – 11:45 am
Csilla Sipeky, Turku, Finland – Personalised medicine of prostate cancer

11:45 am – 12:00 pm
Belgin Süsleyici, Istanbul, Turkey – Precision Medicine in Routine Turkish Clinical Practice: Today and the Future

12:00 pm – 12:15 pm
Janja Marc, Ljubljana, Slovenia – Why men have stronger bones? Genetic background

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

12:45 pm – 01:00 pm
Andrea Griesmacher, Innsbrück, Austria – Pharmacogenetics and immunosuppressive drugs in clinical daily life

01:00 pm – 01:15 pm
Ingolf Cascorbi, Kiel, Germany – Pharmacogenomics of TKI response in CML

01:15 pm – 01:30 pm
Vangelis Manolopoulos, Alexandroupolis, Greece – Pharmacogenetics and personalised medicine in anticoagulation latest developments.

01:30 pm – 02:30 pm – LUNCH TIME

Tuesday 25 May – 02:30 pm - 03:30 pm

02:30 pm - 03:00 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
Peter Chiba, Vienna, Austria – Transporters, drug action and drug x drug interaction

03:30 pm - 04:30 pm – 2nd dedicated poster session

9:00 pm – Gala dinner

Wednesday 26 May – 10:00 am - 01:30 pm

10:00 am – 11:00 am - SESSION III – CANCER IMMUNOTHERAPY AND IMMUNOGENETICS
Chairs: Charity Nofziger, Salzburg, Austria / Robin Everts, San Diego, United States

10:00 am - 10:30 am
Eleftherios Diamandis, Toronto, Canada – Biomarkers for cancer immunotherapy

10:30 am - 11:00 am
Federico Innocenti, Chapel Hill, United States – The immune system and its interaction with the tumor genome: patient survival and response to therapy

11:00 am - 11:30 am – Coffee Break

11:30 am – 01:30 pm – SESSION IV – HEART INFLAMMATION
Chairs: Panagiotis Deloukas, London, United Kingdom / John Lamont, Crumlin, County Antrim, United Kingdom

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11:30 am - 12:00 pm
Federica Marelli-Berg, London, United Kingdom

12:00 pm - 12:30 pm
Shoumo Bhattacharya, Oxford, United Kingdom – Therapeutic targeting of the chemokine network in inflammation using tick salivary proteins

12:30 pm - 01:30 pm
Highlights by RANDOX

01:30 pm - 02:30 pm – LUNCH TIME

Wednesday 26 May – 02:30 pm - 05:00 pm

02:30 pm - 04:00 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
Adrian LLerena, Badajoz, Spain – PGx implementation in real world of Public Health care systems

04:00 pm - 05:00 pm – SELECTED ABSTRACTS - ORAL COMMUNICATIONS SESSION
Chairs: Csilla Sipeky, Turku, Finland / Belgin Süsleyici, Istanbul, Turkey

6 x 15 min

Thursday 27 May – 09:00 am - 01:30 pm

09:00 am – 10:30 am – SESSION VI - 1st part – 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
Philippe Froguel, Lille, France - Impact of rare variants in metabolic diseases towards personalised medicine

10:30 am - 11:00 am – Coffee Break
Thursday 27 May - 02:30 pm – 04:30 pm

02:30 pm - 04:00 pm – SESSION VIII – PHARMACOGENOMICS AND POST-MARKETING APPLICATIONS
Chairs: Charity Nofziger, Salzburg, Austria / Vangelis Manolopoulos, Alexandroupolis, Greece

02:30 pm - 03:00 pm
Ron van Schaik, Rotterdam, The Netherlands – Pharmacogenetics testing in a health care system

03:00 pm - 03:30 pm
Charity Nofziger, Salzburg, Austria – Efforts of the Pharmacogene Variation Consortium (PharmVar) to facilitate the interpretation of pharmacogenetic test results and guide precision medicine

03:30 pm - 04:00 pm
Maurizio Simmaco, Roma, Italy – Pharmacogenetics implementation in the clinics- an Italian model

04:00 pm – 04:30 pm – CLOSING SESSION – Sofia Siest, Nancy, France