Monday 28 September – 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, Raute Sunder-Plassman

  06:30 pm - 07:30 pm – KEYNOTE LECTURE
  Chairs: Eleftherios Diamandis, Toronto, Canada / Sofia Siest, Nancy, France
  Nickolas Papadopoulos, Toronto, Ontario, Canada - Advances in Cancer Detection

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

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

09:00 am – 10:30 am – SESSION I – LIQUID BIOPSY, PAST, PRESENT, FUTURE
  Chairs: Dagmar Kasper, Hamburg, Germany / Georges Dagher, Paris, France
  SPONSORED BY AGENA

  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, Groningen, Nederlands
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 / 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 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 29 September – 02:30 pm - 03:30 pm

02:30 pm - 03:30 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 30 September – 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
Wednesday 30 September – 02:30 pm - 05:00 pm

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
Highlights by RANDOX

01:30 pm - 02:30 pm – LUNCH TIME

Thursday 1 October – 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 1 October - 02:30 pm – 05:30 pm

02:30 pm - 05:00 pm – SESSION VIII – PHARMACOGENOMICS AND POST-MARKETING APPLICATIONS
Chairs: Charity Nofziger, Salzburg, Austria / Vangelis Manolopoulos, Alexandroupolis, Greece
02:30 pm - 03:00 pm
   Marie-Anne Loriot, Paris, France, (HEGP)
03:00 pm - 03:30 pm
   Ron van Schaik, Rotterdam, The Netherlands – Pharmacogenetics testing in a health care system
03:30 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
04:00 pm – 04:30 pm
   Maurizio Simmaco, Roma, Italy – Pharmacogenetics implementation in the clinics- an Italian model

05:00 pm – 05:30 pm – CLOSING SESSION – Sofia Siest, Nancy, France