Scientific Programme

Monday 18th May 2020

12:00 REGISTRATION
12:30 WELCOME LUNCH
13:30 CONFERENCE WELCOME
   Scientific Programme Committee
13:35 OECI WELCOME
   Claudio Lombardo
   OECI, Italy
   SESSION 1: ADVANCING MOLECULAR PATHOLOGY INTO CLINICAL AND THERAPEUTIC DECISIONS
   Chair: Leonor David
13:40 OPENING KEYNOTE
   Mark Rubin
   University of Bern, Switzerland
   “Lineage Plasticity and Resistance to Cancer Therapy: The Chameleon Effect”
14:25 Olli Kallioniemi
   Karolinska Institutet, Sweden
   “Exploring the spatial biology of human cancer: diagnostic and therapeutic applications”
14:55 Proffered Paper 1
   Selected from abstracts
15:10 EXHIBITOR INTRODUCTIONS
15:20 COFFEE BREAK & TRADE
15:50 Reinhard Buttner
   University Hospital Cologne, Germany
   “Can we use Whole Exome Sequencing in Clinical Decisions for Solid Cancers?”
16:20 Richard Marais
   CRUK Manchester Institute, UK
   “Using liquid biopsies to study immune evolution under immune therapy”
16:50 Hegge Russnes
   Oslo University Hospital, Norway
   “Molecular evolution in breast cancer”
17:20 POSTER SPOTLIGHTS
   3 top abstracts presented as 3 minute flash talks
17:30 NETWORKING RECEPTION
   including drinks and light buffet
Tuesday 19th May 2020

08:15  COFFEE & POSTER VIEWING
08:45  INDUSTRY SPOTLIGHT
       Premium Sponsor
       SESSION 2: MINING THE EPIGENOME FOR BIOMARKERS
       Chair: Ragnhild Lothe
09:00  THE EMBO KEYNOTE LECTURE
       Peter Lichter
       DKFZ, Germany
       "From (epi)genome analysis to clinical translation"
09:30  Proffered Paper 2
       Selected from abstracts
09:45  Michael Speicher
       Medical University of Graz, Austria
       "Elucidation of epigenetic traces in plasma DNA"
10:15  COFFEE BREAK & TRADE
10:45  Eli Pikarsky
       Lautenberg Center for Immunology and Cancer Research, Israel
       "Testing DNA repair deficiency in the clinical setting"
11:15  Proffered Paper 3
       Selected from abstracts
11:30  Tamara Lotan
       John Hopkins Medicine, USA
       "In situ detection of DNA repair deficiency in cancer"
12:00  POSTER SPOTLIGHTS
       3 top abstracts presented as 3 minute flash talks
12:10  INDUSTRY SYMPOSIUM
       Elite Sponsor
12:40  LUNCH
13:15  POSTER DISCUSSION SESSION 2
14:45  KEYNOTE LECTURE
       Gerrit Meijer
       NKI, Netherlands
       "Real time evidence from real life molecular pathology data"
15:30 Ragnhild Lothe  
Oslo University Hospital, Norway  
"Molecular and pharmacological heterogeneity in colorectal cancer"

16:00 **Proffered Paper 4**  
Selected from abstracts

16:15 **COFFEE BREAK & TRADE**

**SESSION 5: EVOLVING CLINICALLY EFFECTIVE BIOMARKERS**

Chair: Giorgio Stanta

16:45 **Proffered Paper 5**  
Selected from abstracts

17:00 Luigi Terraciano  
University Hospital Basel, Switzerland  
"Biomarkers in liver tumors: current and future perspectives"

17:30 Leonor David  
University of Porto and IPATIMUP/I3S, Portugal  
"Recycling differentiation biomarkers into therapeutic targets"

18:00 **DISCUSSION FORUM**  
Chaired by Giorgio Stanta

19:30 **CONFERENCE DINNER**  
Optional ticketed dinner

**Wednesday 20th May 2020**

08:15 **COFFEE & POSTER VIEWING**

08:45 **INDUSTRY SPOTLIGHT**  
Premium Sponsor

09:00 **MEET THE EXPERTS**

**SESSION 6: PROMISING TECHNOLOGIES IN MOLECULAR PATHOLOGY**  
Chair: Eli Pikarsky

09:40 Ola Soderberg  
Uppsala University, Sweden  
"DNA-modifying enzymes: a tool box for development of methods for cancer research"

10:10 **Proffered Paper 6**  
Selected from abstracts

10:25 Leeat Keren  
Stanford University, USA  
"Unraveling organizational patterns in the tumor immune microenvironment by multiplexed imaging"

10:55 **COFFEE BREAK & TRADE**

11:25 **Proffered Paper 7**  
Selected from abstracts

**SESSION 7: INTO THE FUTURE: ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND IMAGE ANALYSIS IN PATHOLOGY**  
Chair: Eli Pikarsky
11:40  Johan Lundin  
FIMM and Karolinska Institutet, Finland  
“Artificial Intelligence for Cancer Research and Diagnostics”

12:10  CLOSING KEYNOTE  
Inti Zlobec  
University of Bern, Switzerland  
“Digital pathology meets molecular pathology: two sides of the same coin?”

12:55  CONFERENCE SUMMARY

13:05  LUNCH & DEPART