



Scientific Program

Monday, April 30

9:00 AM – 9:15 AM Opening Remarks	
9:15 AM - 10:45 AM Session: Emerging Knowledge Recent Advances in Liquid Biopsies: Challenges and Solutions Moderators: Andrea Ferreira-Gonzalez (Richmond, USA) and Ernst-Jan Speel (Maastricht, The Netherlands)	
9:15 AM - 10:00 AM	CANCER-ID: European Network for Validation of Liquid Biopsy Tests Klaus Pantel (Hamburg, Germany)
10:00 AM - 10:45 AM	Personalized Liquid Biopsy: Applications in Colorectal, Bladder, Breast, Lung and Beyond C. Jimmy Lin (California, USA)
11:00 AM - 12:00 PM Session: Innovation Lab Quality Control Moderator: Rami Mahfouz (Beirut, Lebanon)	
11:00 AM - 11:30 AM	Improving the Proficiency of Molecular Diagnostics by External Quality Assessment (EQA) Michael Neumaier (Heidelberg, Germany)
11:30 AM - 12:00 PM	The Role of Reference Materials for Improving Quality of Cancer Diagnostics Sandi Deans (Sheffield, UK)
12:15 PM - 1:15 PM Satellite Symposium	
1:15 PM - 2:15 PM Lunch Break	
2:15 PM - 3:15 PM Abstract Session: Oral presentations from best abstracts	
3:30 PM - 4:30 PM Satellite Symposium	
4:30 PM - 5:15 PM Coffee Break: Visit Posters	



5:15 PM - 06:15 PM Session: Emerging Knowledge CRISPR Moderators: Andrea Ferreira-Gonzalez (Richmond, USA) and Ernst-Jan Speel (Maastricht, The Netherlands)	
5:15 PM - 06:15 PM	Harnessing RNA Targeting CRISPR Systems for Transcriptome Engineering and Human Health Omar Abudayyeh (Cambridge, USA)

6:15 PM - 7:15 PM Get Together

Tuesday, May 1

8:00 AM – 9:30 AM Session: Emerging Knowledge: Biological Themes Across Tumor Types Moderators: Winand Dinjens (Rotterdam, The Netherlands) and Ernst-Jan Speel (Maastricht, The Netherlands)	
8:00 AM – 8:45 AM	TBD
8:45 AM – 9:30 AM	Next Generation Pathology Molecular Diagnostics: Combining DNA and RNA Analysis for Treatment Rene Bernards (Amsterdam, The Netherlands)



10:15 AM – 11:15 AM Satellite Symposium
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11:30 AM – 1:00 PM Session: Innovation Lab Tumor Mutational Burden Moderators: Winand Dinjens (Rotterdam, The Netherlands) and Albrecht Stenzinger (Heidelberg, Germany)	
11:30 AM – 12:15 PM	TBD
12:15 PM – 10:00 PM	TBD





1:00 PM – 2:00 PM

Lunch Break

2:00 PM – 3:00 PM

Satellite Symposium

3:15 PM – 4:15 PM

Abstract Session: Oral Presentations of selected abstracts

4:15 PM – 5:15 PM

Session: Innovation Lab

Single Cell Sequencing

Moderators: Rami Mahfouz (Beirut, Lebanon) and Albrecht Stenzinger (Heidelberg, Germany)

4:15 PM – 5:15 PM

**Simultaneous Analysis of Cancer Clones and Immune Microenvironments
Through Single Cell RNA Sequencing**

Trevor Pugh (Toronto, Canada)





Wednesday, May 2

8:00 AM – 9:30 AM Session: Emerging Knowledge Immunotherapies Moderator: Albrecht Stenzinger (Heidelberg, Germany)	
8:00 AM - 8:45 AM	TBD Carl Figdor (Nijmegen, The Netherlands)
8:45 AM - 9:30 AM	TBD Hugo Horlings (Amsterdam, The Netherlands)
9:30 AM – 10:15 AM Coffee Break: Visit Posters and Exhibit (Even-numbered Posters Attended)	
10:15 AM – 11:15 AM Satellite Symposium	
11:30 AM – 1:00 PM Innovation Lab: Battle of the Bioinformatics Pipeline	
1:00 PM – 2:00 Coffee Break Visit Posters and Exhibit (Odd-numbered Posters Attended)	
2:00 PM – 3:00 PM Satellite Symposium TBD	
3:15 PM – 4:45 PM Session: Emerging Knowledge Clinically Significant Big Data Moderator: Laura Tafe (Lebanon, USA)	
3:15 PM - 4:00 PM	Turning Little Data into Big Data: Data Science and the Omics Mark Hoffman (Kansas City, USA)
4:00 PM - 4:45 PM	Oncology Research Information Exchange Network (ORIEN) William S. Dalton (Tampa, USA)
4:45 PM – 5:00 PM Closing Remarks	



Symposia

Monday, April 30

12:15 PM - 1:15 PM
Satellite Symposium
TBD

3:30 PM - 4:30 PM
Satellite Symposium
TBD

Tuesday, May 1

10:15 AM – 11:15 AM
Satellite Symposium
Illimina: Comprehensive Tumor Profiling Using Next-generation sequencing (NGS)

2:00 PM – 3:00 PM
Satellite Symposium
NanoString Technologies: Powering Precision Oncology Research with 3D Biology™ Technology: High Plex Multi-Analyte Profiling on FFPE with Spatial Resolution

Wednesday, May 2

10:15 PM – 11:15 PM
Satellite Symposium
Agena Bioscience: Liquid Biopsy in Clinical Practice

2:00 PM – 3:00 PM
Satellite Symposium
TBD