

Advancing Precision Oncology Through Molecular Tumour Boards

1-2 December 2025

Vall d'Hebron Institute of Oncology

Monday, 1 December 2025

8:45 – 9:30	Registration and Welcome Coffee
9:30 – 9:40	<u>Opening Remarks</u> Gro Live Fagereng, Oslo University Hospital Comprehensive Cancer Centre, Norway Alejandro Piris Giménez, Vall d'Hebron Institute of Oncology, Spain
9:40 – 11:00	<u>Session 1: Molecular Tumour Boards as part of Standard-of-Care</u>
9:40 – 10:20	Molecular Tumour Board – An Introduction Arnaud Bayle, Gustave Roussy, France
10:20 – 11:00	Patient Eligibility and Ethical Considerations Luigi de Petris, Karolinska University Hospital Comprehensive Cancer Centre and Karolinska Institutet, Sweden
11:00 – 11:30	Coffee Break
11:30 – 13:00	<u>Session 2: Molecular Profiling and Preanalytical Considerations</u>
11:30 – 12:00	Introduction to Molecular Cancer Biomarkers and Detection Methods Albrecht Stenzinger, University Hospital Heidelberg, Germany
12:00 – 12:30	Best Practices for Sample Preparation in Molecular Profiling Erika Tóth, National Institute of Oncology, Hungary
12:30 – 13:00	Liquid Biopsy: From Discovery to Clinical Implementation Klaus Pantel, University Medical Center Hamburg -Eppendorf, Germany
13:00 – 14:00	Lunch
14:00 – 14:15	<u>Quiz on Sessions 1 and 2</u>
14:15 – 15:45	<u>Session 3: Next Generation Technologies in Precision Oncology</u>
14:15 – 14:35	Standardised Bioinformatics Pipelines for Variant Calling, Annotation, and Prioritisation Lara Nonell, Vall d'Hebron Institute of Oncology, Spain
14:35 – 15:00	Data Quality Control in Clinical testing Ana Vivancos, Vall d'Hebron Institute of Oncology, Spain
15:00 – 15:45	Multi-Layered Tumor Profiling for Precision Oncology Stefan Fröhling, National Center for Tumor Diseases, Germany
15:45 – 16:00	<u>Quiz on Session 3</u>
16:00 – 16:30	Coffee Break
16:30 – 17:30	<u>Featured Session 1: Demonstration of MTB workflow through Simulated MTB session</u> Loic Veringue, Centre Léon Bérard, France Paul Roepman, Hartwig Medical Foundation, Netherlands Åsmund Flobak, Norwegian University of Science and Technology, St Olav's University Hospital and SINTEF, Norway Andrea Botticelli, Sapienza University of Rome, Italy Tonje Lien, Oslo University Hospital Comprehensive Cancer Centre, Norway
18:00 – 20:00	Informal Networking Event @ Centre Civic Casa Grogà

Tuesday, 2 December 2025

- 8:30 – 9:00** **Welcome Coffee**
- 9:00 – 11:30** **[Session 4: Variant Annotation and Clinical Actionability](#)**
- 9:00 – 9:45** **CGI –Clinics: Data –driven Cancer Genome Interpretation for Clinical Decision Making**
Santiago Demajo, IRB Barcelona, Spain
- 9:45 – 10:15** **Clinical Decision Support Systems: Implementation for Clinical Trial Inclusion and Routine Diagnostics**
Anders Edsjö, Skåne University Hospital and Lund University, Sweden
- 10:15 – 10:45** **Mind the Gap: Bridging Innovation and Clinical Access in Precision Oncology**
Sahar Barjesteh van Waalwijk van Doorn –Khosrovani, Leiden University Medical Centre and CZ Health Insurance, Netherlands
- 10:45 – 11:00** **Coffee Break**
- 11:00 – 11:45** **[Featured Session 2: Integrating Patient Perspectives in Communication of MTB findings](#)**
Elizabeth Waller, Spain
Cristina Nogueira, Portugal
Jörg Haier, Comprehensive Cancer Centre Mecklenburg –Vorpommern, Germany
Luigi de Petris, Karolinska University Hospital Comprehensive Cancer Centre and Karolinska Institutet, Sweden
Matteo Pallocca, CNR IEOMI and BBMRI.it, Italy
Siri Strand, Oslo University Hospital Comprehensive Cancer Centre, Norway
- 11:45 – 12:45** **[Session 5: Future Directions in Precision Oncology](#)**
- 11:45 – 11:55** **Proteogenomics: Connecting Cancer Genotype with Molecular Phenotype for Improved Treatment Prediction**
Janne Lehtiö, Karolinska Institutet, SciLifeLab and Karolinska University Hospital Comprehensive Cancer Centre, Sweden
- 11:55 – 12:05** **Precision Targeting of the Tumour Microenvironment**
Kristian Pietras, Lund University Cancer Centre and SciLifeLab, Sweden
- 12:05 – 12:15** **The Role of Imaging Biomarkers in Precision Oncology**
Faisal Mahmood, Odense University Hospital and University of Southern Denmark, Denmark
- 12:15 – 2:25** **Patient –derived Tumouroids for Next Generation Molecular Tumour Boards**
Åsmund Flobak, Norwegian University of Science and Technology, St Olav's University Hospital and SINTEF, Norway
- 12:25 – 12:45** **Panel Discussion**
Moderated by Ana Vivancos, Vall d'Hebron Institute of Oncology, Spain
- 12:45 – 13:00** **[Closing Remarks](#)**
Gro Live Fagereng, Oslo University Hospital Comprehensive Cancer Centre, Norway
Alejandro Piris Giménez, Vall d'Hebron Institute of Oncology, Spain
- 13:00 – 14:00** **Lunch**