12th International Workshop on Cancer Genetic & Cytogenetic Diagnostics

HYBRID Workshop

March 19 till March 21, 2025
Radboud University Medical Center, Nijmegen, The Netherlands

The International Workshop on Cancer Genetic & Cytogenetic Diagnostics is a course focusing on all aspects of cancer (cyto)genetics in a diagnostic setting. Basic technical aspects such as conventional karyotyping, methods and principles in fluorescence *in situ* hybridization (FISH), micro-array genomic profiling, QPCR, gene sequencing and new technologies such as Optical Genome Mapping and Whole Genome sequencing will be presented. In addition to the various laboratory techniques, there will be presentations on quality assessment, ISCN nomenclature and genetic aberrations in different types of leukemia. The program includes two panel discussions (for live audience only) in which participants will have the opportunity to ask questions and present their own patient cases.
Since most presentations start with basic knowledge and end with up-to-date information on cancer genetics, this workshop will be of interest to anyone working in the field of (cyto)genetic diagnostics in cancer.

ORGANISING COMMITTEE

Marian Stevens-Kroef, Nijmegen (NL)
Eva van den Berg-de Ruiter, Groningen (NL)
Berna Beverloo, Rotterdam (NL)
Esmé Waanders, Utrecht (NL)

INFORMATION AND REGISTRATION

The format of the workshop will be hybrid. The fee for participation **virtually** as well as **on-site** is €500,00. For technicians/trainees there is a reduced fee of €350,00. The on-site participation includes a meet and greet with speakers, drinks, lunches, and two conference dinners.
The organising committee will offer three grants for on-site participation to the workshop. The grant include registration fee and accommodation. The grants will be awarded to participants with greatest affinity for the field and need for financial support at the discretion of the organising committee.

For registration and more information please visit: www.radboudumc.nl/workshopcancergenetics

Program Workshop

March 19, 2025 Time zone: Central European Time

9:00	**Welcome**	*Organizing Committee*
9:10	**Future perspective in genetic diagnostic testing for hematological malignancies**	*Torsten Haferlach*
10:00	**Acute Myeloid Leukemia**	*Torsten Haferlach*
10:50	**BREAK**	
11:20	**Karyotyping**	*David Betts*
12:10	**FISH**	*Berna Beverloo*
13:00	**LUNCH (including booth visit and lunch presentation)**	
14:20	**(Molecular) diagnostics in MPN and CML**	*Bert van der Reijden*
15:10	**Gene panel sequencing and data interpretation**	*Peter Valk*
16:00	**Live panel discussion**	
18:30	**Conference dinner at restaurant "to be announced"**	

March 20, 2025

9:00	**Array based genomic profiling**	*Jacqueline Schoumans*
9:50	**Myelodysplastic malignancies**	*Arjan van de Loosdrecht*
10:40	**BREAK**	
11:10	**Acute Lymphoblastic Leukaemia**	*Anthony Moorman*
12:00	**Optical Genome Mapping**	*Marian Stevens-Kroef*
12:50	**Take a group photo**	
12:55	**LUNCH (including booth visit and lunch presentation)**	
14:10	**RNA sequencing**	*Marco Koudijs*
15:00	**Lymphoma & Mature T- and B- cell neoplasms**	*Arjan Diepstra*
15:50	**Live panel discussion**	
17:15	**Guided city walk**	
19:00	**Conference dinner at "Pancake Boat"**	

March 21, 2025

9:00	**Plasma Cell Neoplasms**	*Brian Walker*
9:50	**Chronic Lymphocytic Leukemia**	*John Strefford*
10:40	**BREAK**	
11:10	**Genetics in solid tumors**	*Sjoerd van Helvert*
12:00	**NGS cytogenomics of solid tumors**	*Bauke Ylstra*
12:50	**LUNCH (including booth visit and lunch presentation)**	
13:50	**Germline predisposition of leukemia**	*Marc Raaijmakers*
14:40	**ISCN 2024 & Quality Assessment**	*Ros Hastings*
15:30	**Closing remarks and end of workshop**	*Organizing Committee*