



14th International Workshop on Cancer Genetic & Cytogenetic Diagnostics

HYBRID Workshop

March 31 till April 2, 2027

Radboud University Medical Center, Nijmegen, The Netherlands

The International Workshop on Cancer Genetic & Cytogenetic Diagnostics is a course that focuses on all aspects of cancer (cyto)genetics in a diagnostic setting. Basic technical aspects, methods and principles related to conventional karyotyping, in fluorescence *in situ* hybridization (FISH), micro-array genomic profiling, QPCR, gene sequencing and new technologies such as Optical Genome Mapping and RNA sequencing will be presented. In addition to the various laboratory techniques, there will be presentations on ISCN nomenclature and genetic aberrations in different types of leukemia. Only for live audience there will be a panel discussion in which participants will have the opportunity to ask questions to the speakers and an interactive interpretation and reporting of patient cases session.

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)
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 drinks, lunches, and two conference dinners. Please note, only on-site participants can attend the live panel discussion and interpretation & reporting sessions.

The organising committee will offer three grants for on-site participation to the workshop. The grant include registration fee and accommodation only. 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/workshopcancerogenetics



Program Workshop



March 31, 2027

Time zone: Central European Time

9:00 **Welcome and introduction**
9:10 **Karyotyping**
10:00 **FISH**
10:50 **BREAK**
11:20 **Acute Myeloid Leukemia**
12:10 **Myelodysplastic malignancies**
13:00 **Take a group photo**
13:05 **LUNCH (including lunch presentation)**
14:20 **(Molecular) diagnostics in MPN and CML**
15:10 **Gene panel sequencing and data interpretation**
16:00 **Live panel discussion**
18:30 **Conference dinner at restaurant "Blue"**

Organizing Committee

David Betts

Berna Beverloo

Lars Bullinger

Arjan van de Loosdrecht

Bert van der Reijden

Peter Valk

Speakers and on site participants

April 1, 2027

9:00 **Array based genomic profiling**
9:50 **Optical Genome Mapping**
10:40 **BREAK**
11:10 **RNA sequencing and tumor classification**
12:00 **Acute Lymphoblastic Leukemia**
12:50 **LUNCH (including lunch presentation)**
14:10 **Mature B- and T-cell neoplasms: Lymphoma**
15:00 **Interpretation and reporting of patient cases**
15:50 **Presentation of patient cases**
17:45 **Guided city walk**
19:30 **Conference dinner at "Pancake Boat"**

Jacqueline Schoumans

Marian Stevens-Kroef

Marco Koudijs

Anthony Moorman

Arjan Diepstra

on site participants

April 2, 2027

9:00 **Plasma Cell Neoplasms**
9:50 **Chronic Lymphocytic Leukemia**
10:40 **BREAK**
11:10 **Genetics in solid tumors**
12:00 **Germline predisposition of leukemia**
12:50 **LUNCH**
13:50 **ISCN 2024**
14:40 **Future perspective in genetic diagnostic testing for hematological malignancies**
15:30 **Closing remarks and end of workshop**

Aneta Mikulasova

Jon Strefford

Sjoerd van Helvert

Esmé Waanders

Ros Hastings

Torsten Haferlach

Organizing Committee