



## **VIRTUAL and LIVE**

# **International Workshop on Cancer Genetic & Cytogenetic Diagnostics**

**March 23 to March 25, 2022**

The International Workshop on Cancer Genetic & Cytogenetic Diagnostics, is a course focusing on all aspects concerning cancer (cyto)genetics in a diagnostic setting. Basic technical aspects covering 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 regarding quality assessment, ISCN and HGVS nomenclature and genetic abnormalities in various types of leukemias.

Since most presentations start with basic knowledge and end with up to date information regarding cancer genetics, this workshop will be of interest for all who are working in the field of cancer (cyto)genetic diagnostics.

### **ORGANISING COMMITTEE**

Marian Stevens-Kroef, Nijmegen (NL)  
Eva van den Berg-de Ruyter, Groningen (NL)  
Berna Beverloo, Rotterdam (NL)

### **INFORMATION AND REGISTRATION**

The format of the workshop will be hybrid (with live and virtual audience). The fee for virtual participation is €100,00 and for live participation in Nijmegen (The Netherlands) is €500,00.

The organising committee will offer three grants for the virtual participation to the workshop. 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](http://www.radboudumc.nl/workshopcancerogenetics)





## Program

### March 23, 2022

10:10	<b>Welcome and opening</b>	<i>Organizing committee</i>
10:15	<b>Karyotyping</b>	<i>David Betts</i>
11:00	<b>FISH</b>	<i>Berna Beverloo</i>
11:45	<b>Array based genomic profiling</b>	<i>Jacqueline Schoumans</i>
12:30	<b>LUNCH BREAK</b>	
14:00	<b>Molecular diagnostics in MPN and CML</b>	<i>Bert van der Reijden</i>
14:45	<b>Molecular diagnostics: gene panel sequencing</b>	<i>Peter Valk</i>
15:30	<b>ISCN and HGVS nomenclature</b>	<i>Ros Hastings</i>
16:15	<b>Closure day 1</b>	

### March 24, 2022

10:15	<b>Myelodysplastic syndromes</b>	<i>Julie Schanz</i>
11:00	<b>Acute Myeloid Leukemia</b>	<i>To be announced</i>
11:45	<b>Acute Lymphoblastic Leukemia</b>	<i>Anthony Moorman</i>
12:30	<b>LUNCH BREAK</b>	
14:00	<b>Plasma Cell Neoplasms</b>	<i>Brian Walker</i>
14:45	<b>Lymphoma &amp; other mature T- and B-cell neoplasms</b>	<i>Arjan Diepstra</i>
15:30	<b>Chronic Lymphocytic Leukemia</b>	<i>Jon Strefford</i>
16:15	<b>Closure day 2</b>	

### March 25, 2022

10:15	<b>Diagnostics in solid tumors</b>	<i>Sjoerd van Helvert</i>
11:00	<b>NGS cytogenomics of solid tumors</b>	<i>Bauke Ylstra</i>
11:45	<b>Optical Genome Mapping</b>	<i>Barbera DeWaele</i>
12:30	<b>LUNCH BREAK</b>	
14:00	<b>Genetic predisposition of cancer</b>	<i>Marjolijn Jongmans</i>
14:45	<b>Quality assessment</b>	<i>Ros Hastings</i>
15:30	<b>Future perspective in (cyto)genetic diagnostic testing</b>	<i>Torsten Haferlach</i>
16:15	<b>END of workshop and closing remarks</b>	

Time zone: Central European Time

