



## 8<sup>th</sup> International Workshop on Cancer Genetic & Cytogenetic Diagnostics

March 25 to March 27, 2020

Radboud University Medical Center, Nijmegen, The Netherlands

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, MLPA, QPCR, gene sequencing and next generation sequencing will be presented. In addition to the various laboratory techniques there will be presentations regarding quality assessment and genetic abnormalities in various types of leukemia's and solid cancers. The presentations will be interspersed with practical exercises with the ISCN 2016 system for chromosome aberrations and interpretation of cases. In addition, participants will have the opportunity to present their own observations and cytogenetic findings which are difficult to interpret.

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.

### INVITED SPEAKERS

Torsten Haferlach, Munich (D)  
Anthony Moorman, Newcastle (UK)  
Illja Diets, Nijmegen (NL)  
Julie Schanz, Göttingen (D)  
Joop Jansen, Nijmegen (NL)  
Ros Hastings, Oxford (UK)

Bauke Ylstra, Amsterdam (NL)  
Arjan Diepstra, Groningen (NL)  
Brian Walker, Sutton (USA)  
Jon Strefford, Southampton (UK)  
Peter Valk, Rotterdam (NL)

Ad Geurts van Kessel, Nijmegen (NL)  
Bertil Johansson, Lund (S)  
Jacqueline Schoumans, Lausanne (CH)  
Bert van der Reijden, Nijmegen (NL)  
David Betts, Dublin (I)

### ORGANISING COMMITTEE

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

### INFORMATION AND REGISTRATION

The fee of €550,00 (reduced fee of €400,00 for technicians/trainees) includes drinks, lunches, all course materials and two conference dinners. The organising committee will offer three grants, which include the registration fee, travel expenses and accommodation. The grants will be awarded to participants who are most in need of financial support at the discretion of the organising committee.

Further information and registration: [www.radboudumc.nl/workshopcancergenetics](http://www.radboudumc.nl/workshopcancergenetics)



# Program

## March 25, 2020

9:00	<b>Welcome</b>	
9:10	<b>CML; a historic overview</b>	<i>Ad Geurts van Kessel</i>
9:40	<b>Molecular diagnostics in MPN and CML</b>	<i>Bert van der Reijden</i>
10:30	<b>BREAK</b>	
11:00	<b>Karyotyping</b>	<i>David Betts</i>
11:50	<b>Acute Myeloid Leukemia</b>	<i>Bertil Johansson</i>
12:40	<b>LUNCH</b>	
13:25	<b>booth visit and lunch presentation</b>	
14:00	<b>FISH</b>	<i>Berna Beverloo</i>
14:50	<b>Myelodysplastic syndromes</b>	<i>Julie Schanz</i>
15:40	<b>BREAK</b>	
16:00	<b>Genetic analysis of Clonal evolution</b>	<i>Joop Jansen</i>
16:30	<b>Cytogenetic nomenclature and practical exercises with ISCN</b>	<i>Marian Stevens-Kroef</i>
17:40	<b>END</b>	
18:30	<b>Conference dinner; VAN DER VALK HOTEL</b>	

## March 26, 2020

9:00	<b>Array based genomic profiling</b>	<i>Jacqueline Schoumans</i>
9:50	<b>Acute Lymphoblastic Leukemia</b>	<i>Anthony Moorman</i>
10:40	<b>BREAK</b>	
11:10	<b>NGS: gene panel sequencing and data interpretation</b>	<i>Peter Valk</i>
12:00	<b>Genetic predisposition of cancer</b>	<i>Illja Diets</i>
12:50	<b>LUNCH</b>	
13:35	<b>booth visit and lunch presentation</b>	
14:10	<b>Solid tumors</b>	<i>David Betts</i>
15:00	<b>NGS cytogenomics of solid tumors</b>	<i>Bauke Ylstra</i>
15:50	<b>BREAK</b>	
16:10	<b>Guided city walk</b>	
19:00	<b>Conference dinner at "Pannenkoekenboot"</b>	

## March 27, 2020

9:00	<b>Lymphoma &amp; other mature T- and B-cell neoplasms</b>	<i>Arjan Diepstra</i>
9:50	<b>Chronic Lymphocytic Lymphoma</b>	<i>Jon Strefford</i>
10:40	<b>BREAK</b>	
11:10	<b>Plasma Cell Neoplasms</b>	<i>Brian Walker</i>
12:00	<b>Quality Assessment</b>	<i>Ros Hastings</i>
12:30	<b>LUNCH (including lunch presentation)</b>	
14:00	<b>Practical exercises in integration of diagnostic analyses</b>	<i>Eva van den Berg</i>
15:10	<b>Future perspective in (cyto)genetic diagnostic testing</b>	<i>Torsten Haferlach</i>
16:10	<b>END and closing remarks</b>	