



## **6<sup>th</sup> International Workshop on Cancer Genetic & Cytogenetic Diagnostics** **March 28 to March 30, 2018** **Radboud University Medical Center, Nijmegen, The Netherlands**

The International Workshop on Cancer Genetic & Cytogenetic Diagnostics, is a yearly 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 leukaemia's and solid cancers. The presentations will be interspersed with practical exercises with the ISCN 2016 system for chromosome aberrations, interpretation of cases, and use of databases. Participants will have the opportunity to present their own observations which are of interest or 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)  
Annet Simons, Nijmegen (NL)  
Marjolijn Jongmans, Nijmegen (NL)  
Julie Schanz, Göttingen (D)  
Katrina Rack, Oxford (UK)

Bauke Ylstra, Amsterdam (NL)  
Philip Kluin, Groningen (NL)  
Ros Hastings, Oxford (UK)  
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 Ruyter, Groningen (NL)  
Berna Beverloo, Rotterdam (NL)

### **INFORMATION AND REGISTRATION**

The fee of €500,00 (reduced fee of €350,00 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. Accreditation is requested by GAIA and NVKC.

Further information and registration:

<https://www.radboudumc.nl/en/education/courses/6th-international-workshop-on-cancer-genetic-cytogenetic-diagnostics>



# Program

## March 28, 2018

9:00	Welcome	
9:10	Chronic Myelogenous Leukemia	Ad Geurts van Kessel
10:00	Myelodysplastic syndromes	Julie Schanz
10:50	BREAK	
11:20	Karyotyping	Katrina Rack
12:10	FISH	Berna Beverloo
13:00	LUNCH + booth visit	
14:15	Cytogenetic nomenclature and practical exercises with ISCN	Annet Simons
15:20	BREAK	
15:50	Acute Myeloid Leukemia	Bertil Johansson
16:40	Acute Lymphoblastic Leukemia	Anthony Moorman
17:30	End and Conference dinner	

## March 29, 2018

9:00	Array based genomic profiling	Jacqueline Schoumans
9:50	Molecular diagnostics (MLPA, QPCR)	Bert van der Reijden
10:40	BREAK	
11:10	NGS: gene panel sequencing and data interpretation	Peter Valk
12:10	Solid tumor I (karyotyping and FISH)	David Betts
13:00	LUNCH + booth visit	
14:20	NGS cytogenomics of solid tumors	Bauke Ylstra
15:10	Chronic Lymphocytic Lymphoma	Jon Strefford
16:30	Guided city walk	
18:30	Conference dinner	

## March 30, 2018

9:00	Lymphoma	Philip Kluin
9:50	Plasma Cell Neoplasms	Brian Walker
10:40	BREAK	
11:10	Genetic predisposition of cancer	Marjolijn Jongmans
12:00	Quality Assessment	Ros Hastings
12:50	LUNCH + booth visit	
13:40	Practical exercises in cases and database use (including presentations of own interesting cases)	Eva van den Berg
15:00	New technologies and integration of diagnostic analysis	Torsten Haferlach
16:00	END	