



International Workshop on Cancer Genetic & Cytogenetic Diagnostics

March 20 to March 22, 2019

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), microarray 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)
Katrina Rack, Oxford (UK)
Joop Jansen, Nijmegen (NL)

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 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.

Further information and registration: www.radboudumc.nl/workshopcancerogenetics



Program

March 20, 2019

9:00	Welcome	
9:10	Chronic Myelogenous Leukemia and MPN	Ad Geurts van Kessel
10:00	Myelodysplastic syndromes	Julie Schanz
10:50	BREAK	
11:20	Karyotyping	David Betts
12:10	Acute Myeloid Leukemia	Bertil Johansson
13:00	LUNCH (including booth visit and lunch presentation)	
14:20	FISH	Berna Beverloo
15:10	Acute Lymphoblastic Leukemia	Anthony Moorman
16:00	BREAK	
16:20	Cytogenetic nomenclature and practical exercises with ISCN	Marian Stevens-Kroef
17:30	END	
18:30	Conference dinner; restaurant “De Hemel”	

March 21, 2019

9:00	Array based genomic profiling	Jacqueline Schoumans
9:50	Solid tumors	David Betts
10:40	BREAK	
11:10	NGS cytogenomics of solid tumors	Bauke Ylstra
12:00	Molecular diagnostics (MLPA, QPCR)	Bert van der Reijden
12:50	LUNCH (including booth visit and lunch presentation)	
14:10	NGS: gene panel sequencing and data interpretation	Peter Valk
15:10	Chronic Lymphocytic Lymphoma	Jon Strefford
16:00	END	
16:45	Guided city walk	
19:00	Conference dinner at “Pannenkoekenboot”	

March 22, 2019

9:00	Lymphoma & other mature T- and B-cell neoplasms	Arjan Diepstra
9:50	Plasma Cell Neoplasms	Brian Walker
10:40	BREAK	
11:10	Genetic predisposition of cancer	Illja Diets
12:00	Quality Assessment	Katrina Rack
12:50	LUNCH (including booth visit and lunch presentation)	
13:50	Practical exercises in integration of diagnostic analyses	Eva van den Berg
14:50	Genetic analysis of Clonal evolution	Joop Jansen
15:10	Future perspective in (cyto)genetic diagnostic testing	Torsten Haferlach
16:10	END	

