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 Klun, 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 Ruiter, 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