



2nd EACR-OECI Joint Training Course "Molecular PATHOLOGY approach to cancer"

"De Rode Hoed" Amsterdam, the Netherlands 7th – 9th May 2012

First Announcement

The course is aimed at practising pathologists, residents in pathology, molecular biologists with interest in diagnostic pathology and young medical oncologists, and will focus on the practical application of molecular tests in pathology.

As you know, genomic analyses of human cancers are leading to the identification of the genetic determinants of targeted therapies. Treatment decisions selecting therapies for cancer patients are no longer solely based on histopathological analyses of tumours. In fact, molecular tests are rapidly being incorporated into routine clinical practice. The role of pathologists in the implementation of molecular tests in diagnostic practice and the ability of pathology laboratories to perform these tests in an optimal manner are crucial for the successful translation of scientific advancements into useful biomarkers.

This course will provide an up-to-date review of current molecular biomarkers and the challenges for their assessment and interpretation in the context of different cancer types. Conceptual and practical advancements in the development of novel biomarkers for cancer patients will also be discussed.

The topics that will be covered in the course include:

- Current methods for assessment of molecular biomarkers
 - Next generation sequencing
 - BRAF and KIT as biomarkers in melanoma
- KIT and novel targets in gastrointestinal stromal tumours
 - Gene signatures in breast cancer
 - Genetic testing in colorectal and lung cancers
- Translocations in sarcomas and haematological malignancies
- How to deliver molecular tests for clinical decision-making
- Novel findings in ovarian, endometrial and kidney cancers

CME credits by the Accreditation Council of Oncology in Europe (ACOE) applied for

Invited Speakers include:

Rene Bernards, Netherlands; **Elias Campo**, Spain; **Arul Chinnaiyan**, USA; **Jonathan Fletcher**, USA
Levi Garroway, USA; **David Gonzalez de Castro**, UK; **David Huntsman**, Canada; **Marc Ladanyi**, USA
Marjolijn Ligtenberg, Netherlands; **Bob Löwenberg**, Netherlands; **Christopher Maher**, USA
Richard Marais, UK; **Lajos Pusztai**, USA; **Jorge Reis-Filho**, UK; **Charles Swanton**, UK; **Matt van de Rijn**, USA; **Marc Van de Vijver**, Netherlands; **Emiel Voest**, Netherlands, **Britta Weigelt**, UK

For further information please visit the [EACR meetings pages](#)

