



Utrecht University, Faculty of Medicine (UU)

Clinical Translational Oncology

This course focuses on the translation of basic research knowledge and developments into clinical practice in the UMC Utrecht Cancer Center. For this purpose various departments from the University Medical Center Utrecht and Utrecht University will introduce their lines of cancer research and the recent developments in detection and treatment of cancer.

Both molecular and technical developments will be discussed. The course will focus on requirements for successful clinical and translational oncology, like multidisciplinary collaboration, taking into account the central position of the patient. The course combines lectures, tutorials with hands-on experiments and tours.

The program includes:

- Molecular mechanisms and pathways of cancer
- Etiology, screening, early detection, diagnostics
- Concepts of chemotherapy, development of new drugs
- Personalized cancer care
- Image-guided treatment (radiotherapy, intervention radiology, holmium radio-embolisation, 7-Tesla MRI, MRI-linac)
- Developments in (micro-invasive) surgery, Robot-surgery
- Teamwork in oncology

This course may be combined with the Summer School "Molecular Mechanisms in Cancer" on July 25-29, 2011.

COURSE DIRECTOR: Dr. Marco van Vulpen and Thijs van den Munckhof

PERIOD: 01-08-2011 - 05-08-2011

CREDITS: 1.5 ECTS

COURSE FEE: € 500 (Course + course materials + housing)

MORE INFORMATION: www.utrechtsummerschool.nl

