

## ESP Advanced training center for colorectal cancer and precursor lesions Nijmegen, The Netherlands

Department of Pathology  
Radboudumc  
PObox 9101  
6500 HB Nijmegen, the Netherlands

**Head of the training programme: Prof.dr.I.D. Nagtegaal in collaboration with dr. M. Ligtenberg, head of the Laboratory of Tumor Genetics.  
Chair of the Department: Prof.dr. J.H.J.M. van Krieken**

Colorectal cancer is one of the most common cancer types in Europe; with the introduction of population screening, the number of precursor lesions and early colorectal cancers have increased considerably. Molecular pathology has been fully integrated in the diagnostic process and considerably changes in therapy have been made in recent years. As a consequence, new diagnostic dilemmas have occurred resulting in an increasingly important role for the pathologist in the multidisciplinary team.

The gastrointestinal pathology unit in the Radboudumc in Nijmegen consists of a multidisciplinary team including experienced gastrointestinal pathologists, fellows, molecular pathologists and clinical scientists that work together on the integrated approach to colorectal cancer. Iris Nagtegaal and Han van Krieken are both internationally recognised experts in the field of gastrointestinal pathology. Marjolijn Ligtenberg is the head of the Laboratory of Tumor Genetics. They all are actively involved in national and international networks concerning colorectal cancer. They also publish regularly in this area of expertise (a few references are included).

The unit offers 6 months modules that include all aspects of colorectal cancer and its precursor lesions, which are based on the routine daily service supplemented with consultation cases and cases from the archive. These modules have been given to residents/trainees in pathology in the Netherlands and are also open for international colleagues (in English). If a student is also interested to participate in the research program, an extension can be discussed.

The Radboud university international office supports international visitors regarding all aspects of their visit to the Radboudumc, including support to find housing (in a variety of price ranges), visa items, letters of invitation, social contacts with other international students etc.

### **Area of training:**

Includes all aspects of colorectal carcinoma and precursor lesions. Includes both molecular pathology of colorectal cancer and pathology of population screening for bowel cancer.

### **Positions:**

Two positions for 6 months each year will be available during the year

### **Contact address:**

1. Training program: [iris.nagtegaal@radboudumc.nl](mailto:iris.nagtegaal@radboudumc.nl)
2. Accommodation etc: [internationaloffice.sbhr@radboudumc.nl](mailto:internationaloffice.sbhr@radboudumc.nl)

### **References:**

1. AR Mensenkamp ... *ID Nagtegaal*, MJL Ligtenberg Somatic mutations in *MLH1* and *MSH2* are a frequent cause of mismatch-repair deficiency in Lynch syndrome - like tumors. *Gastroenterology* 2014, 146: 643-646
2. *ID Nagtegaal*, JHJM van Krieken. Is the new era for classification of colorectal cancer finally there? *Nat Rev Gastro Hepatol* 2013, 10 (7): 391-393

3. SL Bosch ... *ID Nagtegaal* . Predicting lymph node metastasis in pT1 colorectal cancer - a meta-analysis of risk factors providing rationale for therapy decisions. *Endoscopy* 2013, 45: 827-834