



# MOLECULAR PATHOLOGY COURSE FOR RESIDENTS IN PATHOLOGY THURSDAY 28 - FRIDAY 29 MARCH 2019

UNIVERSITY OF ANTWERP

REGISTER

**INTRODUCTION** This course is organized by the Belgian society of Pathology and the Working group of Molecular Pathology. Same talks will be organized in Flemish and French.  
It is mandatory for residents during their training. An exam will be organized in due course.

**DATES** Thursday 28 & Friday 29 March from 9:15 till 16:00

**VENUE** University of Antwerp | Campus Drie Eiken | Universiteitsplein 1 2610 Wilrijk  
28 March: **Building R – room R013-R015** - 29 March: **Building R – room D.021 -D.039**

**REGISTRATION** **Mandatory** before 15 March 2019

REGISTER

Registration fee: € 100 /student

Payment on Belgian Society of Pathology (BSP) account: BE35 7320 2896 2837  
communication: MP Course / name, first name- email

Info: [karin.mercelis@uantwerpen.be](mailto:karin.mercelis@uantwerpen.be)

## PROGRAMME

### Day 1: BASIC CONCEPTS IN MOLECULAR PATHOLOGY AND ONCOPATHOLOGY

THURSDAY 28 MARCH

09:15	<b>Introduction</b>	
09:30	<i>An introduction to cell biology</i>	N. Van Roy (UG) - R. de Medonça (ULB)
10:10	<i>Molecular alterations in cancer: an introduction</i>	I Vanden Bempt (KUL) - N. D'Haene (ULB)
11:00	<b>Coffee break</b>	
11:20	<i>Oncogenes and tumor suppressor genes</i>	A. Dendooven (UA) - N. D'Haene (ULB)
12:00	<i>Molecular alterations in solid tumors</i>	P. Pauwels (UA) - C. Galant (UCL)
12:50	<b>Lunch</b>	
14:00	<i>Proteomics: an introduction</i>	Speaker (English): E. I. Mertens (UA)
14:50	<b>Coffee break</b>	
15:10	<i>Molecular alterations in hemato-oncology</i>	A. Dendooven (UZA) - J. Somja (ULG)
16:00	<b>End of programme</b>	

### Day 2: DIAGNOSTIC ASPECTS IN MOLECULAR PATHOLOGY

FRIDAY 29 MARCH

09:30	<i>PCR</i>	K. Dhaene (VUB) - Y. Guiot (UCL)
10:00	<i>Maintenance of genomic integrity and the development of cancer</i>	K. Claes (UG) - K. Dahan (IPG)
10:30	<b>Coffee break</b>	
10:45	<i>Quality management</i>	Speaker (English): E. Dequeker (KUL)
11:15	<i>Fluorescence in situ hybridization and its applications</i>	F. Dedeurwaerdere (AZ Delta) L. Libbrecht (UCL)
11:45	<i>Next generation sequencing basic principles</i>	S. Van der Borght (KUL) - M. Le Mercier (ULB)
12:35	<b>Lunch</b>	
13:30	<i>Next generation sequencing: interpretation</i>	B. Maes (Jessa, Hasselt) - A.F. Dekairelle (UCL)
14:10	<i>Liquid biopsy</i>	L. Sorber (UA) - R. De Mendonça (ULB)
14:40	<i>Onco-immunology: an introduction</i>	Speaker (English): E. Smits (UA)
15:10	<i>Evaluation and Conclusion</i>	
15:30	<b>End of the programme</b>	