



## 5<sup>th</sup> Course in Hereditary Cancer Genetics

Bertinoro, Italy, 17-20 September 2024

Chairs: Prof. Nicoline Hoogerbrugge and Dr Daniela Turchetti

Tuesday 17<sup>th</sup> (Take away Lunch)

### Basics in cancer genetics

14:00	Welcome, introduction	Prof. Nicoline Hoogerbrugge
14:30	Heritability of cancer and life-time risk	Prof. Maurizio Genuardi
15:00	The genetic mechanisms of cancer	Prof. Marjolijn Ligtenberg
15:30	Panels, exomes, and genomes	Prof. Rolf Sijmons
16:00	<i>Coffee break</i>	
16:30	Concurrent workshops I	
18:00	<i>End of day 1</i>	

Wednesday 18<sup>th</sup>

### Tumour syndromes

9:00	Hereditary breast and ovarian cancer	Prof. Marc Tischkowitz
9:40	Li-Fraumeni syndrome	Prof. Gareth Evans
10:10	PHTS (Cowden Syndrome)	Prof. Nicoline Hoogerbrugge
10:40	<i>break</i>	
11:10	Neurocutaneous tumour syndromes	Prof. Gareth Evans
11:40	Childhood cancer	Dr Marjolijn Jongmans
12:10	Melanoma & Pancreatic cancer	Dr Hildegunn Høberg-Vetti
12:40	Prostate cancer	Dr Verena Steinke- Lange
13:00	<i>Lunch</i>	

### Parallel specialized lectures

14:00	Genetic counselling	Dr Marjolijn Jongmans
	Tumour vs. germline genetic testing	Prof. Kathleen Claes
14:30	Genetic testing in Mainstream	Prof. Svetlana Lagercrantz
	New technological developments including RNA	Prof. Rolf Sijmons
15:00	Prenatal diagnosis PGT	Dr Hildegunn Høberg-Vetti
	Variant classification	Prof. Carla Oliveira
15:30	Poster discussion	
16:00	<i>Break</i>	
16:30	Concurrent workshop II	
18:00	<i>End of day 2</i>	

## Thursday 19<sup>th</sup>

### Tumour syndromes

9:00	Polyposis	Prof. Stefan Aretz
9:40	Lynch syndrome	Prof. Elke Holinski-Feder
10:10	Hereditary gastric cancer	Prof. Carla Oliveira
10:40	<i>break</i>	
11:10	Renal cancer & VHL	Prof. Eamonn Maher
11:40	Pheo/paraganglioma & MEN	Prof. Evelin Schröck

### Basics in cancer genetics

12:10	CanRisk and PRS in daily practise	Dr Marleen Kets
12:40	Moderate risk genes: testing and clinical management	Prof. Marc Tischkowitz
13:00	<i>Lunch</i>	
14:00	Concurrent workshop III	
15:30	Poster discussion	
16:00	<i>Break</i>	
16:30	Concurrent workshop IV	
18:00	<i>End of day 3</i>	

## Friday 20<sup>th</sup>

### Parallel specialized lectures

8:30	Clinical implications of variant interpretation Genomes versus exomes	Prof. Maurizio Genuardi Prof. Carla Oliveira
9:10	Tumour syndromes you can see More on the mechanism behind cancer development	Prof. Gareth Evans Prof. Evelin Schröck
9:40	Psycho-oncology Liquid biopsy	Prof. Svetlana Lagercrantz Prof. Rolf Sijmons
10:10	<i>break</i>	

### Basics in cancer genetics

10:40	Germline mutations as a therapeutic target	Prof. Judith Balmaña
11:10	Leukemia	Dr Verena Steinke- Lange
11:40	Patient's personal experience	Dr Tanya Bisseling
12:10	Best poster, wrapping up	
12:30	<i>Lunch and adjourn</i>	
13:30	<i>End of day 4</i>	

### Topics covered in the workshops

- Ultrarare cases in hereditary cancer Prof. Genuardi & Prof. Maher & Verena Steinke-Lange
- Variant classification guidelines Prof. Ligtenberg & Prof. Oliveira & Prof. Stefan Aretz & Prof. Kathleen Claes
- CanRisk and PRS Prof. Tischkowitz & Dr Kets & Judith Balmana
- Genetic Counselling and cascade testing Dr Hildegunn Høberg-Vetti/Prof. Svetlana Lagercrantz & Prof. Daniella Turchetti