



European  
Reference  
Network

for rare or low prevalence  
complex diseases

**Network**  
Genetic Tumour Risk  
Syndromes (ERN GENTURIS)

## 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	How to identify patients with tumour risk syndromes?	Prof. Stefan Aretz
9:30	Hereditary breast and ovarian cancer	Prof. Marc Tischkowitz
10:10	Li-Fraumeni syndrome	Prof. Svetlana Lagercrantz
10:40	<i>Break</i>	
11:10	Neurocutaneous tumour syndromes	Prof. Gareth Evans (video lecture)
11:40	PHTS (Cowden Syndrome)	Prof. Nicoline Hoogerbrugge
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 Tumour vs. germline genetics	Dr. Daniela Turchetti Prof. Kathleen Claes
14:30	Predictive testing New technological developments including RNA	Prof. Svetlana Lagercrantz Prof. Rolf Sijmons
15:00	Prenatal diagnosis and PGT Variant classification	Dr. Hildegunn Høberg-Vetti 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	Lynch syndrome	Prof. Elke Holinski-Feder
9:40	Polyposis	Prof. Stefan Aretz
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 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. Elke Holinski-Feder 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	Genuardi/Maher/Steinke-Lange
• Variant classification guidelines	Ligtenberg/Oliveira/Aretz/Claes
• CanRisk and PRS	Tischkowitz/Kets/Balmaña
• Genetic counselling and cascade testing	Høberg-Vetti/Lagercrantz/Turchetti



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