



**European
Reference
Network**

for rare or low prevalence
complex diseases

Network
Genetic Tumour Risk
Syndromes (ERN GENTURIS)

4th Course in Hereditary Cancer Genetics

Bertinoro, Italy, 20-23 September 2022

Chairs: Prof. Nicoline Hoogerbrugge and dr. Daniela Turchetti

Tuesday 20th

Basics in cancer genetics

14:00 Welcome, introduction

Prof. Nicoline Hoogerbrugge

14:30 The heritability of cancer

Prof. Maurizio Genuardi

15:00 The genetic mechanisms of cancer

Prof. Marjolijn Ligtenberg

15:30 Panels, exomes, and genomes

Prof. Rolf Sijmons

16:00 *Coffee break*

16:30 Concurrent workshops I

18:00 *End of day 1*

Wednesday 21th

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 *break*

11:10 Neurocutaneous tumour syndromes

Prof. Gareth Evans

11:40 Childhood cancer & leukaemia

Dr. Marjolijn Jongmans

12:10 Melanoma & Pancreatic cancer

Dr. Hildegunn Høberg-Vetti

12:40 Prostate cancer

Prof. Marjolijn Ligtenberg

13:00 *Lunch*

Parallel specialized lectures

14:00 Genetic counselling

Dr. Marjolijn Jongmans

Tumour vs. germline genetics

Prof. Marjolijn Ligtenberg

14:30 Predictive testing

Dr. Svetlana Lagercrantz

NGS and quality control

Prof. Rolf Sijmons

15:00 Prenatal diagnosis PGD

Dr. Hildegunn Høberg-Vetti

Basics in Exome analysis

Prof. Carla Oliveira

15:30 Poster discussion

16:00 *Break*

16:30 Concurrent workshop II

18:00 *End of day 2*

Thursday 22th

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	The importance of founder effects	Prof. Jan Lubinski
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 23th

Parallel specialized lectures

9:00	Variant interpretation	Prof. Maurizio Genuardi
	Variant classification	Prof. Carla Oliveira
9:40	Tumour syndromes you can see	Prof. Gareth Evans
	More on the mechanism behind cancer development	Prof. Stefan Aretz
10:10	Psycho-oncology	Dr. Svetlana Lagercrantz
	Liquid biopsy	Prof. Rolf Sijmons
10:40	<i>break</i>	

Basics in cancer genetics

11:10	Germline mutations as a therapeutic target	Dr. Judith Balmaña
11:40	Chemoprevention and vaccines	Dr. Matthias Kloor
12:10	Patient's personal experience	Dr. Tanya Bisseling
12:40	Best poster, wrapping up	
13:00	<i>Lunch and adjourn</i>	
14:00	<i>End of day 4</i>	

Topics covered in the workshops

- Ultrarare cases in hereditary cancer Prof. Maurizio Genuardi & Prof. Eamonn Maher
- Guidelines Prof. Elke Holinski-Feder & Prof. Gareth Evans
- Panel testing Prof. Rolf Sijmons & Dr. Marc Tischkowitz
- Patients Journeys Dr. Hildegunn Høberg-Vetti & Dr. Svetlana Lagercrantz