



**European
Reference
Network**

for rare or low prevalence
complex diseases

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

3rd Course in Hereditary Cancer Genetics

Bertinoro, Italy, September 22nd – 25th 2020

Chairs: Prof. Nicoline Hoogerbrugge and Giovanni Romeo

Tuesday 22nd

Basics in cancer genetics

14:00 Welcome, introduction

14:30 The heritability of cancer

15:00 The genetic mechanisms of cancer

15:30 Panels, exomes, and genomes

16:00 *Coffee break*

16:30 Concurrent workshops I

18:00 *End of day 1*

Prof. Nicoline Hoogerbrugge

Prof. Maurizio Genuardi

Prof. Marjolijn Ligtenberg

Prof. Rolf Sijmons

Wednesday 23rd

Tumour syndromes

9:00 Monogenic and Polygenic risk in hereditary breast
and ovarian cancer

9:40 Li-Fraumeni syndrome

10:10 PHTS (Cowden Syndrome)

10:40 *break*

11:10 Neurocutaneous tumour syndromes

11:40 Childhood cancer & leukaemia

12:10 Melanoma & Pancreatic cancer

12:40 Prostate cancer

13:00 *Lunch*

Dr. Marc Tischkowitz

Prof. Thierry Frebourg

Prof. Nicoline Hoogerbrugge

Prof. Gareth Evans

Dr. Marjolijn Jongmans

Dr. Hildegunn Høberg-Vetti

Prof. Marjolijn Ligtenberg

Parallel specialized lectures

14:00 Genetic counselling
Tumour vs. germline genetics

14:30 Predictive testing
NGS and quality control

15:00 Prenatal diagnosis PGD
Basics in Exome analysis

15:30 Poster discussion

16:00 *Break*

16:30 Concurrent workshop II

18:00 *End of day 2*

Dr. Marjolijn Jongmans

Prof. Marjolijn Ligtenberg

Dr. Svetlana Lagercrantz

Prof. Rolf Sijmons

Dr. Hildegunn Høberg-Vetti

Dr. Andreas Laner

Thursday 24th

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 Lubinsky
12:40	Moderate risk genes: testing and clinical management	Dr. 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 25th

Parallel specialized lectures

9:00	Variant interpretation Variant classification	Prof. Maurizio Genuardi Dr. Andreas Laner
9:40	Tumour syndromes you can see More on the mechanism behind cancer development	Prof. Gareth Evans Prof. Stefan Aretz
10:10	Psycho-oncology Liquid biopsy	Dr. Svetlana Lagercrantz Dr. Patrick Benusiglio
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. Thierry Frebourg & Prof. Maurizio Genuardi
- 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