2nd Spring Course in Hereditary Cancer Genetics

Bertinoro, Italy, April 24th – 27th 2018

Chairs: Nicoline Hoogerbrugge and Giovanni Romeo

Program

**Tuesday 24th**
- Basics in cancer genetics
  
  14:00 Welcome, introduction and quiz Nicoline Hoogerbrugge
  14:30 The heritability of cancer Maurizio Genuardi
  15:00 The genetic mechanisms of cancer Marjolijn Ligtenberg
  15:30 NGS in familial cancer genetics Rolf Sijmons
  16:00 Coffee break
  16:30 Concurrent workshops I
  18:00 End of day 1

**Wednesday 25th**
- Breast/ovarian cancer and rare genetic tumor risk syndromes
  
  09:00 Hereditary breast and ovarian cancer Marc Tischkowitz
  09:40 Risk assessment and clinical management Ulf Kristoffersson
  10:20 Li Fraumeni syndrome Gareth Evans
  10:50 Coffee break
  11:20 Neurocutaneous tumor syndromes Gareth Evans
  12:00 Renal cancer and VHL Eamonn Maher
  12:30 Pheochromocytoma/paraganglioma and MEN Evelin Schröck
  13:00 Lunch
  14:00 Concurrent workshops II
  15:30 Posters discussion and coffee
  16:30 Concurrent workshops III
  18:00 End of day 2
Thursday 26th  
- **Gastrointestinal cancer and panel testing**

09:00  Lynch syndrome  
09:40  Polyposis and other colon diseases  
10:20  PTEN syndromes and Peutz-Jeghers syndrome

10:50  **Coffee**

11:20  Moderate risk genes: testing and clinical management  
12:00  Familial pancreatic cancer and familial melanoma  
12:30  Hereditary diffuse gastric cancer

13:00  **Lunch**

14:00  Concurrent workshops IV

15:30  Posters discussion and coffee

16:30  Concurrent workshops V

18:00  **End of day 3**

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Friday 27th  
- **Prevention and treatment**

09:00  Germline mutations as a therapeutic target in cancer  
09:40  Prophylactic mastectomy and salpingoophorectomy  
10:00  Prophylactic colectomy and gastrectomy

10:20  Prophylactic gastrectomy – a personal experience  
10:50  **Coffee break**

11:20  Chemoprevention and vaccines for hereditary CRC  
11:45  Chemoprevention for hereditary breast cancer

12:00  Best poster presentation, post course quiz, evaluation

13:00  **Lunch and adjourn**

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**Topics covered in the workshops:**

- Pedigree interpretation based on participants’ case presentations
- DNA-diagnostics interpretation (including VUS)
- Psychosocial and ethical issues
- Clinical utility and genetic counselling of multigene panel testing
- Guidelines: what do we need and how do we use them