PROGRAMME

6TH FAMILIAL CANCER CONFERENCE

09:00 Welcome
Javier Benítez, SP

GENERAL SESSION
Chair: ***Javier Benítez***, *SP*

09:10 Hereditary cancer syndromes. An overview
Fred H. Menko, *Netherlands Cancer Institute, NL*

09:35 Low susceptibility alleles and familial cancer risk
Roger Milne, *Cancer Epidemiology Centre, Australia*

10:00 Genetic counselling in hereditary cancer
Shirley Hodgson, *St. George's Hospital Medical School, UK*

10:25 Oral communication
Genetic and phenotypic characterization of families with Familial Pancreatic Cancer and screening of high-risk individuals.
Julie Earl, *Ramón y Cajal University Hospital, SP*

10:40 Picture, posters, coffee break

COMMON CANCERS I
Chair: ***Fred H. Menko***, *NL*

11:15 The landscape of breast cancer genes
Ana Osorio, *CNIO, SP*

11:40 Selection criteria and clinical management
Diana M. Eccles, *Southampton University Hospital Trust, UK*

12:05 Personalized treatment strategies based in animal models
Alberto Villanueva, *Catalan Institute of Oncology (ICO) - IDIBELL, SP*

12:30 Oral communication
BRCA1 and *BRCA2* mutation spectrum in a nationwide cohort of Spanish breast/ovarian cancer patients
Orland Diez, *University Hospital Vall d'Hebron and Vall d'Hebron Institute of Oncology (VHIO), SP*

12:45 Lunch break

13:45 Poster session

COMMON CANCERS II

Chair: ***Diana M. Eccles***, UK

14:15 (Epi) Genetics of colorectal cancer syndromes
Gabriel Capella*, Catalan Institute of Oncology (ICO) - IDIBELL, SP*

14:40 Guidelines for the management of Lynch syndromes
Hans F. A. Vasen*, Leiden University Medical Center, NL*

15:05 Familial prostate cancer. Genetics, clinical management and diagnostic biomakers
Rosalind Eeles *, The Institute of Cancer Research & Royal Marsden NHS Trust, UK*

15:30 Oral communication
Distinct spectrum of *APC* germline mutations in a Familial Adenomatous Polyposis population from the south of Portugal:
Identification of a Mutational Hotspot and Suggestion of a Founder Mutation
Bruno Filipe*, Portuguese Institute of Oncology of Lisbon, "Francisco Gentil", Portugal*

15:45 Coffee break

16:15 Clinical session
Hans F. A. Vasen*, NL* - ***Rosalind Eeles****, UK*

17:30 Close

OTHER HEREDITARY CANCER SYNDROMES I

Chair: **Hans F A Vasen**, NL

09:00 Familial pheochromocytoma. An example of genetic heterogeneity
Mercedes Robledo, *CNIO, SP*

09:25 PTEN-Hamartoma syndromes
Miguel Urioste, *CNIO, SP*

09:50 The genetics and genomics of familial renal carcinoma
Eamonn R. Maher, *University of Cambridge, UK*

10:15 Clinical and genetic characteristics of malignant melanoma
Julia A. Newton-Bishop, *Leeds Institute of Cancer and Pathology, University of Leeds, UK*

10:40 Oral communication
Germline and somatic genetic study of 535 Spanish pheochromocytoma and paraganglioma's patients
María Currás, *Spanish National Cancer Research Centre (CNIO), SP*

10:55 Coffee break

OTHER HEREDITARY CANCER SYNDROMES II

Chair: **Peter Devilee**, NL

11:25 Li Faumeni syndrome. Genetics and clinical surveillance
Thierry Frebourg, *University of Roven, FR*

11:50 Gastric carcinoid. A rare neuroendocrine tumor
Mark Pritchard, *University of Liverpool, UK*

12:15 Fanconi anemia: from gene discovery to gene therapy
Jordi Suralles, *Autonoma University of Barcelona, CIBERER, SP*

12:40 Oral communication
HELQ promotes RAD51 paralogue-dependent repair to avert germ cell loss and tumorigenesis
Rafal Lolo, *Cancer Research UK*

12:55 Lunch break

13:55 Poster session

NEW TECHNOLOGIES APPLIED TO FCS

Chair: **Mercedes Robledo**, SP

14:25 Familial cancer exome sequencing: research and clinical application
***Javier Benítez**, CNIO, SP*

14:50 COMPLEXO: a consortium to decipher the genetic complexity of familial breast cancer
***Peter Devilee**, Leiden University Medical Center, NL*

15:15 Incidental findings in High-Throughput (HT) sequencing. What to do with these data?
***Lauri A. Aaltonen**, University of Helsinki, FI*

15:40 Oral communication
Genetic testing for Hereditary Cancer Syndromes: a new strategy based on NGS multi-gene panel
***Lucía Pérez Carbonero**, Sistemas Genómicos, SP*

16:00 Closing remarks