

May 28th

09:00-09:45 Congress welcome and introduction remarks:
Marina Geli, Consellera, Departament de Salut, Generalitat de Catalunya
Xavier Corbella, Director, Bellvitge University Hospital
Jordi Alberch, Vice Dean of Research, University of Barcelona
Emilià Pola, General Director, Bellvitge Biomedical Research Institute (IDIBELL)
Manel Esteller, Director, Cancer Epigenetics and Biology Program (PEBC)

Cancer Models

09:45-10:30 Mariano Barbacid
“Mouse Tumor Models and Target Validation”

10:30-11:15 Pier Paolo Pandolfi
“Targeting the cancer initiating cell for therapy”

11:15-11:45 *Coffee Break*

Cancer Pathways

11:45-12:30 Alan Ashworth
“Synthetic Lethal Approaches to the Development of New Therapies Targeting DNA Repair Deficiencies in Cancer”

12:30-13:15 Rene Bernards
“Finding mechanisms and biomarkers of drug resistance in cancer”

13:15-15:00 *Lunch Break*

Epigenetic Pathways

15:00-15:45 Tony Kouzarides
“Chromatin modifying enzymes: their function and role in cancer”

15:45-16:30 Mina Bissell
“Extracellular matrix and tissue architecture regulate epigenetics of tissue specificity and breast cancer.”

16:30-17:15 Thea Tlsty
“Re-programming the Epigenome in Carcinogenesis”

17:15-17:45 *Coffee Break*

Cancer Epigenetics

17:45-18:30 Peter Jones
“Reversing Cancer Epigenomic Alterations”

18:30-19:15 Andy Feinberg
“The Epigenetic Progenitor Model of Cancer”

19:15-20:00 Manel Esteller
“Human Cancer Epigenetics”

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Stem Cells

09:00-09:45 Peter Andrews
“Population Dynamics of Human ES Cell Cultures: Self-Renewal, Adaptation and Cancer”

09:45-10:30 Maarten van Lohuizen
“Role of Polycomb Repressors in Cancer and Development”

Cancer Genetics

10:30-11:00 Coffe-break

11:00-11:45 Michael Stratton
“Patterns of somatic mutation in human cancer genomes”

DNA Replication and Repair

11:45-12:30 Geneviève Almouzni
“Chromatin assembly factors and the challenges of DNA replication and repair”

Non-coding RNAs

12:30-13:15 Franck Slack
“MicroRNAs in cancer and aging”

13:15 Closing remarks: Dr. Manel Esteller

13:30 Lunch and departure