

28th Pezcoller Symposium

INITIAL STEPS ON THE ROUTE TO TUMORIGENESIS

Trento, Italy • June 20 - 21, 2016

PROGRAM

MONDAY, JUNE 20, 2016

8:00 Registration

8:35 Davide Bassi Welcome

8:45 David Livingston Focus & Goals

Session I, Tumor cell communication, competition and immunogenicity

Chair/Moderator: Eugenia Piddini

- 09.00 Glenn Dranoff
Mechanisms of Protective Tumor Immunity
- 09.25 Discussion
- 09.40 H.Reimer-Rodewald
Cell competition, progenitor turnover and T cell acute lymphoblastic leukemia
- 10.05 Discussion
- 10.20 Coffee Break
- 10.35 Eugenia Piddini
The emerging role of cell competition in cancer formation from Drosophila studies
- 11.00 Discussion
- 11:15 Eduardo Moreno
Regulating the cellular composition of our bodies using fitness fingerprints
- 11.40 Discussion
- 11.55 Jorge Moscat
Cross-talks at the tumor microenvironment by autophagy adaptors
- 12.20 Discussion
- 12.35 Lunch

Session II, Epigenetics and Cell Plasticity

Chair/Moderator: Stefano Piccolo

- 14.00 **Keynote Address**
The Road to Cancer: A Genetic Perspective
Introduction: Alberto Bardelli
Speaker: Bert Vogelstein, M.D. (by video connection)
- 15.00 Manel Esteller
Cancer Epigenetics: From Knowledge to Applications
- 15.25 Discussion
- 15.40 Juergen Knoblich
Forever young: Loss of temporal identity immortalizes stem cells during brain tumor formation
- 16.05 Discussion
- 16.20 Eduard Battle
Connecting Intestinal Stem Cells to Colorectal Cancer
- 16.45 Discussion
- 17.00 Poster session
- 17.40 Adjourn
- 19.30 Symposium Dinner

TUESDAY, JUNE 21, 2016

Session III, Early Steps in Cancer Development

Chair/Moderator: Mariano Barbacid

- 08.00 Bruce Ponder
Gene network approaches
- 08.25 Discussion
- 08.40 Mariano Barbacid
Understanding early events in K-Ras driven tumors
- 09.05 Discussion
- 09.20 Brian Wolpin
Altered systemic metabolism and early pancreatic adenocarcinoma
- 09.45 Discussion
- 10.00 Teresa Davoli
The role of aneuploidy during tumorigenesis
- 10.25 Discussion
- 10.40 coffee break
- 10.55 Matthew Freedman
Genetic and epigenetic insights into prostate tumorigenesis
- 11.20 Discussion
- 11.35 Omer Yilmaz
Dietary control of stem cells in physiology and cancer
- 12.00 Discussion
- 12:15 Richard Marais
The role of ultraviolet light in melanoma initiation
- 12:40 Discussion
- 12:55 Lunch
- 13:55 Ben Ebert
Clonal hematopoiesis: a precursor to hematologic malignancies
- 14.20 Discussion
- 14:35 Francesca Demichelis
Tumor evolution and cell differentiation
- 15.00 Discussion

Session IV, New Approaches to Detecting Early Steps in Cancer Development

Chair/Moderator: Massimo Loda

- 15.15 H.Van de Wetering
Organoid cancer models
- 15.40 Discussion
- 15.55 Meritxell Huch
Adult progenitors and organoid cultures for the study of human biology and disease
- 16.20 Discussion
- 16.35 Poster Discussion
- 17.45 David Livingston
Concluding remarks
- 17.55 Adjourn