

32nd virtual Pezcoller Symposium

AGING AND CANCER

June 21-22, 2021

Co-Organizers:

Alberto Bardelli, Fabrizio D'Adda di Fagagna, Giannino Del Sal, David Livingston, Massimo Loda, Stefano Piccolo, Maria Rescigno

* Central European Time (CEST)

** Virtual poster presentations can be viewed upon accessing the reserved area, during the entire duration of the Symposium

MONDAY JUNE 21, 2021

13:30 Enzo Galligioni
13:40 David Livingston

Welcome
Focus & Goals

The Enrico Mihich Lecture

Chair: David Livingston

13:50 Hans Clevers
14:35 Discussion

Human organoids as models for disease

Session 1: Connections Between Aging and Cancer

Chair: Maria Rescigno

14:50 Marc Gunter
15:15 Discussion
15:30 Ten-minute break

Obesity, metabolic health and cancer: molecular epidemiologic studies

15:40 Judith Campisi
16:05 Discussion

Aging and cancer: Rival demons or reluctant allies?

16:20 Fiona Watt
16:45 Discussion

Understanding cell heterogeneity in multi-layered epithelia

17:00 Juan Carlos Belmonte
17:25 Discussion
17:40 Ten-minute break

Aging and Regeneration

Session 2: Longevity, Senescence, Premature Aging and Cancer Genomics

Chair: Giannino Del Sal

17:50 Anne Brunet
18:15 Discussion

Understanding and modeling aging

18:30 Manuel Serrano
18:55 Discussion

Understanding and controlling in vivo reprogramming for rejuvenation

19:10 Tom Misteli
19:35 Discussion

Learning from premature aging

19:50 Serena Nik Zainal
20:15 Discussion

Somatic mutagenesis in normal and cancer cells

20:30 Adjourn

TUESDAY JUNE 22, 2021

Session 3: Thematic Insight Lecture: Aging as a Cancer Risk Factor

Chair: Stefano Piccolo

13:30 Gerard Evan *Aging as a Cancer Risk Factor*
14:15 Discussion

Session 4: Neoplastic Outcomes Associated with Aging

Chair: Massimo Loda

14:30 Myles Brown *Essential cancer genes and cistromes*
14:55 Discussion

15:10 Peter Miller *Clonal hematopoiesis in malignant and non-malignant disease*
15:35 Discussion

15:50 *Ten-minute break*

Chair: Fabrizio D'Adda di Fagagna

16:00 Phil Jones *Pro- and anti-oncogenic mutants colonise normal epithelia*
16:25 Discussion

16:40 Jan Karlseder *How proliferative boundaries prevent cancer initiation*
17:05 Discussion

17:20 Joachim Lingner *Telomere maintenance and the making of TERRA R-loops at chromosome ends*
17:45 Discussion

18:00 *Ten-minute break*

18:10 Luca Magnani *Tumour dormancy and ageing in hormone dependent breast cancer*
18:35 Discussion

Session 5: Unexplained Outbreaks of Colorectal Cancer in Young Adults

Chair: Alberto Bardelli

18:50 Gianluca Mauri *The emerging challenge of early-onset colorectal cancer*
19:15 Discussion

19:30 Massimo Loda *3 best Poster Presentation and Discussion*

20.00 David Livingston *Concluding Remarks*