



Fondazione
Pezcoller

32nd virtual Pezcoller Symposium June 21-22, 2021

AGING AND CANCER

Co-Organizers:

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

* *Central European Time (CET)*

** 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

Obesity, metabolic health and cancer: molecular epidemiologic studies

15:30 *Ten-minute break*

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 *Aging and Regeneration*
17:25 Discussion

17:40 *Ten-minute break*

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

Chair: **Giannino Del Sal**

17:50 Anne Brunet *Understanding and modeling aging*
18:15 Discussion

18:30 Manuel Serrano *Understanding and controlling in vivo reprogramming
for rejuvenation*
18:55 Discussion

19:10 Tom Misteli *Learning from premature aging*
19:35 Discussion

19:50 Serena Nik Zainal *Somatic mutagenesis in normal and cancer cells*
20:15 Discussion

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
17:45 Discussion

*Telomere maintenance and the making
of TERRA R-loops at chromosome ends*

18:00 *Ten-minute break*

18:10 Luca Magnani
18:35 Discussion

*Tumour dormancy and ageing
in hormone dependent breast cancer*

Session 5: Unexplained Outbreaks of Colorectal Cancer in Young Adults

Chair: **Alberto Bardelli**

18:50 Gianluca Mauri
19:15 Discussion

The emerging challenge of early-onset colorectal cancer

19:30 Massimo Loda

3 best Poster Presentation and Discussion

20.00 David Livingston

Concluding Remarks