



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 Elio Riboli  
15:15 Discussion

*Nutritional and metabolic factors in cancer aetiology*

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**      *Mechanisms of aging and suspended life*  
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

*Telomeric proteome analyses: how to prevent  
the DNA damage response from getting out of control*

18:00 *Ten-minute break*

**18:10 Luca Magnani**

18:35 Discussion

*Aging, breast cancer and chromatin: old wine or old oak?*

### **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