## 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>13:30</td>
<td>Enzo Galligioni</td>
<td>Welcome</td>
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<tr>
<td>13:40</td>
<td>David Livingston</td>
<td>Focus &amp; Goals</td>
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<td><strong>The Enrico Mihich Lecture</strong></td>
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**Chair:** David Livingston |
| 13:50 | Hans Clevers | Human organoids as models for disease |
| 14:35 | Discussion |  
**Session 1: Connections Between Aging and Cancer** |  
**Chair:** Maria Rescigno |
| 14:50 | Marc Gunter | Obesity, metabolic health and cancer: molecular epidemiologic studies |
| 15:15 | Discussion |  
15:30 **Ten-minute break** |
| 15:40 | Judith Campisi | Aging and cancer: Rival demons or reluctant allies? |
| 16:05 | Discussion |  
16:20 **Fiona Watt** |  
**Understanding cell heterogeneity in multi-layered epithelia** |
| 16:45 | Discussion |  
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

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<th>Time</th>
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<tr>
<td>17:50</td>
<td>Anne Brunet</td>
<td>Understanding and modeling aging</td>
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<td>18:15</td>
<td>Discussion</td>
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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  
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