Focus and Goals: Currently, oncologists and cancer scientists face an abiding problem of major proportion, namely the emergence of resistance of certain cancers—some very common—to any therapy during their course. For some of these tumors, such as melanoma and kidney cancer, immune therapy has shown remarkable effects, but only a small fraction of patients undergo extended therapeutic responses. For prostate cancer patients whose tumors develop anti-androgen therapy resistance, further therapy has largely failed. And for cancers like Glioblastoma, pancreatic cancer, mesothelioma, and chemotherapy and marrow transplant-resistant acute myelogenous leukemia, a pathway to therapeutic success is not yet apparent. The thrust of this meeting will be to explore the molecular and biological sources of historical therapeutic resistance in these cancers and to assess the most promising opportunities for overcoming it.

This Symposium is supported by
- Fondazione CARITRO
- Provincia Autonoma di Trento
- Comune di Rovereto
**MONDAY JUNE 25, 2018**

**8:00**  Registration  
**8:30**  Enzo Galligioni  Welcome  
**8:40**  David Livingston  Focus & Goals  

**The Enrico Mihich Lecture**  
**8:50**  Harold Varmus  Pezcoller at 30: Cancer Research, Then and Now  
**9:35**  Discussion  

**Session 1 - Pancreas Cancer**  
Chairman: Alberto Bardelli  
**09:50**  David Tuveson  Improving pancreatic cancer response to therapy  
**10:15**  Christine Jacobuzzi-Donahue  Evolutionary dynamics of cancer  
**10:40**  Discussion led by Giampaolo Tortora and Davide Melisi  
**11:20**  Coffee Break  

**Session 2 - Leukemia**  
Chairman: Alberto Bardelli  
**11:30**  Brunangelo Falini – Enrico Tiaeci  
**BRAF** inhibition in hairy cell leukemia: biological and clinical aspects  
**11:55**  Pier Paolo Pandolfi  Modeling resistance identifies vulnerabilities and effective combination therapy in mIDH AML  
**12:20**  Discussion led by Pier Paolo Pandolfi  
**13:00**  Lunch  

**Session 3 - Prostate Cancer**  
Chairman: Pier Paolo Pandolfi  
**14:00**  Charles Sawyer  Cancer drug resistance  
**14:25**  Massimo Loda  Effect of the microenvironment on prostate cancer biologic and clinical behavior  
**14:50**  Discussion led by Francesca Demichelis and Sergio Bracarda  
**15:30**  Poster Session  
**16:30**  Adjourn  
**18:00**  visit to Mezzacorona Winery (shuttle transportation provided)  
**20:00**  Symposium Dinner at Mezzacorona Winery  

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**TUESDAY, JUNE 26, 2018**

**Session 4 - Therapeutically resistant Melanoma**  
Chairman: Stefano Piccolo  
**08:30**  David Fisher  Melanoma: clues to therapeutic efficacy from disease pathogenesis  
**08:55**  Ugur Sahin  Personalized cancer immunotherapy  
**09:20**  Discussion led by Alberto Mantovani and Mario Colombo  

**Session 5 - Glioblastoma**  
Chairman: Stefano Piccolo  
**10:00**  Peter Drks  Dissecting brain tumour cell fate with functional approaches  
**10:25**  Ingo Mellinghoff  Ex vivo aberrant signaling in primary brain tumors  
**10:50**  Discussion led by Felice Giangaspero  
**11:30**  Coffee Break  

**Session 6 - Kidney Cancer**  
Chairman: Massimo Loda  
**11:40**  William Kaelin  New models and treatments for clear cell renal cell carcinoma  
**12:05**  John Josey  Inhibiting the transcriptional factor HIF-2α: treatment of renal cell carcinoma and VHL disease  
**12:30**  Discussion led by William Kaelin and John Josey  
**13:10**  Lunch  

**Session 7 - Mesothelioma and Small Cell Lung Cancer**  
Chairman: Alberto Bardelli  
**14:10**  Anton Berns  Mouse models of thoracic cancers. Phenotypic consequences of their cell-of-origin  
**14:35**  John Poirier  Molecular mechanisms of acquired chemoresistance in small cell lung cancer  
**15:00**  Discussion led by Anne-Lise Børresen-Dale and Alberto Mantovani  
**15:40**  Poster Discussion and Poster Presentation led by Massimo Loda  
**16:40**  David Livingston  Concluding Remarks  

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**Faculty**  
- **Bardelli Alberto**  
  Candido Cancer Institute, University of Torino, Italy  
- **Bners Anton**  
  Netherlands Cancer Institute, Amsterdam, Holland  
- **Dirks Peter**  
  The Hospital for Sick Children, Toronto, Ontario, Canada  
- **Falini Brunangelo**  
  Institute Of Hematology, University of Perugia, Italy  
- **Fishier David**  
  Massachusetts General Hospital, Charlestown, MA  
- **Jacobuzio-Donahue Christine**  
  Memorial Sloan Kettering Cancer Center, New York, NY  
- **Josey John**  
  Peloton Therapeutics Inc, Dallas, TX  
- **Kaelin G. William**  
  Dana-Farber Cancer Institute, Boston, MA  
- **Loda Massimo**  
  Dana-Farber Cancer Institute, Boston, MA  
- **Mellinghoff Ingo**  
  Memorial Sloan Kettering Cancer Center, New York, NY  
- **Livingston David**  
  Dana-Farber Cancer Institute, Boston, MA  
- **Mantovani Alberto**  
  Humanitas University, Milan, Italy  
- **Melisy Davide**  
  Medical Oncology, University of Verona, Italy  
- **Tortora Giampiero**  
  Medical Oncology, University of Verona, Italy  

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**The Pezcoller Foundation**  

The Pezcoller Foundation is a non-profit organisation created in 1980 by Prof. Alessio Pezcoller (1896 - 1993), Chief Surgeon at Santa Chiara Hospital of Trento, Italy. The goal of the Foundation is to promote biomedical research.  

**Activities:**  
**PEZCOLLER FOUNDATION-AACR INTERNATIONAL AWARD FOR EXTRAORDINARY ACHIEVEMENTS IN CANCER RESEARCH**  
**PEZCOLLER FOUNDATION-EACR CANCER RESEARCHER AWARD**  
**THE PEZCOLLER SYMPOSIA**  
**PEZCOLLER SEMINARS**  
**PEZCOLLER FOUNDATION FELLOWSHIPS**  
**THE PEZCOLLER FOUNDATION JOURNAL**  

Under the patronage of  

**Discussions**  
- **Borresen-Dale Anne-Lise**  
  Institute for Cancer Research, The Norwegian Radium Hospital, Oslo N  
- **Bracarda Sergio**  
  Medical Oncology Department, General Hospital, Arezzo, Italy  
- **Colombo Mario**  
  Molecular Immunology, Fondazione Istituto Nazionale dei Tumori, Milan, Italy  
- **Demichels Francesca**  
  Centre for Integrative Biology, University of Trento, Italy  
- **Giangaspero Felice**  
  Policlinico Umberto I, Università La Sapienza Roma, Italy  
- **Mantovani Alberto**  
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- **Melisi Davide**  
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