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## Program

**June 11, 2009**

- 8:00 Registration  
8:40 Gios Bernardi      *Welcome*  
8:45 David Livingston      *Focus & Goals*  
  
– *Keynote Address: Tumorigenic potential is a common attribute in some cancers*  
9:00 Sean Morrison

### **AM, Session I – Metabolic Pathways as Targets**

Moderator: S. Elmore

- 9:50 Bruce Spiegelman      – *Transcriptional control of energy homeostasis*  
10:15 Discussion  
10:40 Coffee break  
  
11:10 William Kaelin      – *2-oxoglutarate-dependent dioxygenases as therapeutic targets in cancer*  
11:35 Discussion  
  
12:00 Lunch

### **PM, Session II – Cell Death Interference**

Moderator: G. Superti-Furga

- 13:00 Vishva Dixit      – *Deubiquitinases as therapeutic targets in cancer*  
13:25 Discussion  
13:50 Gregory Verdine      – *Forget everything you ever heard about “undruggable” targets*  
14:15 Discussion  
  
14:40 Coffee break  
14:55 Nika Danial      – *Integration of glucose metabolism and apoptosis*  
15:20 Discussion  
15:45 Steven Elmore      – *Allowing sick cells to die: Targeting Bcl-2 family proteins to treat cancer*  
16:10 Discussion  
  
16:35 Wilhelm Krek      – *VHL: linking microtubules to primary cilia maintenance, chromosome stability and tumor suppression*  
17:00 Discussion  
  
17:25 Adjourn

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## Program

**June 12, 2009**

### **AM, Session III – Unexpected Outcomes of Targeting Signal Transduction Proteins**

Moderator: P. Finan

- 8:30 Emilio Hirsch      – *Genetic modeling of PI3K inhibition*  
8:55 Discussion  
9:20 David Sabatini      – *The therapeutic potential of the mTOR pathway*  
9:45 Discussion  
10:10 Coffee break  
10:25 Thomas Roberts      – *What lies beyond the first round of PI3 kinase inhibitors?*  
10:50 Discussion  
  
11:15 Poster Session & Lunch

### **PM, Session IV – New Approaches to Target Finding**

Moderator: E. Hirsch

- 13:00 Giulio Superti-Furga      – *Molecular networks and chemical proteomics: charting drug targets*  
13:25 Discussion  
13:50 Peter Finan      – *Dissecting pathways by chemical genetics*  
14:15 Discussion  
14:40 William Hahn      – *Functional genomic approaches to identify cancer targets and co-dependencies*  
15:05 Discussion  
  
15:30 Coffee break  
15:45 Inder Verma      – *Mouse tumors using lentiviral vectors*  
16:10 Discussion  
16:35 Todd Golub      – *Genomic approaches to drug discovery*  
17:00 Discussion  
17:25 Adjourn  
20:00 Symposium Dinner

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## Program

**June 13, 2009**

### **AM, Session V – Clinical Translation**

Moderator: W. Kaelin

- 8:00 **Best Posters’ Oral Presentations**  
9:00 Pier Paolo Pandolfi      – *Targeting the cancer initiating cell for therapy*  
9:25 Discussion  
9:50 Charles Sawyers      – *Rethinking 24/7 target inhibition*  
10:15 Discussion  
10:40 Coffee break  
  
10:50 Zaver Bhujwalla      – *Conventional imaging to guide therapy of unconventional targets*  
11:15 Discussion  
  
11:40 Robert Kerbel      – *Some unexpected outcomes of therapeutically interfering with VEGF pathway function*  
12:05 Discussion  
12:30 David Livingston      – *Concluding Remarks*  
12:40 Lunch  
14:00 Adjourn

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The Pezcoller Symposia

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## Invited Participants

- **Zaver Bhujwalla**  
Johns Hopkins Univ, Baltimore, MD
- **Nika Danial**  
Dana Farber Cancer Inst, Boston, MA
- **Vishva Dixit**  
Genentech, So San Francisco, CA
- **Steven Elmore**  
Abbott Laboratories, Abbott Park, IL
- **Peter Finan**  
Novartis Inst for Biomedical Res, Cambridge, MA
- **Todd Golub**  
Dana Farber Cancer Inst, Boston, MA
- **William Hahn**  
Dana Farber Cancer Inst, Boston, MA
- **Emilio Hirsch**  
Univ of Torino, Torino, Italy
- **William Kaelin**  
Dana Farber Cancer Inst, Boston, MA
- **Robert Kerbel**  
Univ of Toronto, Sunnybrook Health Sciences Centre, Toronto, ON, Canada
- **Wilhelm Krek**  
Inst of Cell Biology, Zurich, Switzerland
- **David Livingston**  
Dana Farber Cancer Inst, Boston, MA
- **Enrico Mihich**  
Roswell Park Cancer Inst, Buffalo NY
- **Sean Morrison**  
Univ of Michigan Ctr for Stem Cell Biol, Ann Arbor, MI

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## Invited Participants

- **Pier Paolo Pandolfi**  
Harvard Medical School, Boston, MA
- **Thomas Roberts**  
Dana Farber Cancer Inst, Boston, MA
- **David Sabatini**  
Whitehead Inst for Biomed Res, Cambridge, MA
- **Charles Sawyers**  
Memorial Sloan Kettering Cancer Ctr, New York, NY
- **Bruce Spiegelman**  
Dana Farber Cancer Inst, Boston, MA
- **Giulio Superti-Furga**  
Ctr for Molecular Med, Austrian Academy of Sciences,  
Vienna, Austria
- **Gregory Verdine**  
Dana Farber Cancer Inst, Boston, MA
- **Inder Verma**  
Salk Inst for Biological Studies, La Jolla, CA

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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 of Santa Chiara Hospital of Trento, Italy. The goal of the Foundation is to promote biomedical research.

Activities:

- **PEZCOLLER FOUNDATION-AACR INTERNATIONAL AWARD FOR CANCER RESEARCH** – 75.000 Euro: this prize is presented, every year, to a scientist who has made a major scientific discovery in the field of cancer.
- **PEZCOLLER FOUNDATION-ECCO RECOGNITION FOR CONTRIBUTION TO ONCOLOGY** – 30.000 Euro: this prize is presented, every two years to a single individual (scientist, clinician, nurse. etc.) for his/her professional life dedication to the improvement of cancer treatment, care and research.
- **THE PEZCOLLER SYMPOSIA**: a series of annual symposia promoting interactions among scientists working at the cutting edge of basic oncological sciences.
- **PEZCOLLER SEMINARS**: a series of educational meetings for Medical Doctors.
- **PEZCOLLER FOUNDATION FELLOWSHIP**: for professional updating in oncology.
- **THE PEZCOLLER FOUNDATION JOURNAL**: this periodical is published in order to provide a direct link, at six monthly intervals, between the Pezcoller Foundation and the international medical and scientific community.

### This Symposium is supported by

- Fondazione Cassa di Risparmio di Trento e Rovereto
- Provincia autonoma di Trento
- Comune di Trento
- Comune di Rovereto

## 21<sup>th</sup> Pezcoller Symposium

# Unconventional Therapeutic Targets in Cancer

Trento, Italy,  
June 11-13, 2009



Fondazione PEZCOLLER  
Via Dordi, 8  
38100 TRENTO - Italy  
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## The Pezcoller Foundation Symposia

### 21<sup>st</sup> Pezcoller Symposium Unconventional Therapeutic Targets in Cancer

Trento, Italy, June 11-13, 2009  
Conference Hall of Fondazione Cassa di Risparmio di  
Trento e Rovereto, via Calepina 1 – 38100 Trento

#### Co-chairmen

David Livingston, Enrico Mihich and Pier Paolo  
Pandolfi

#### Program committee

David Livingston, Enrico Mihich, Pier Paolo Pandolfi,  
William Kaelin and Wilhelm Krek

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The focus of the Symposium will be on identifying new targets for anticancer drugs action, and on utilizing new concepts and methods for drug design and development. The topics to be discussed will include protein/protein interactions, targeting transcription factors, targeting death pathways, new chemical screening of novel molecular targets, valid alternatives to known target proteins, and unexpected effects of disrupted angiogenesis. Each talk will be followed by an equal time for discussion thus providing ample opportunities for interactions and cross-fertilization among participants.

A session of posters in the areas discussed at the Symposium will be included.

Poster abstracts should be submitted to Enrico Mihich (Roswell Park Cancer Institute, Buffalo, NY, [enrico.mihich@roswellpark.org](mailto:enrico.mihich@roswellpark.org)) on or before May 15, 2009 and will be reviewed for acceptance by the Co-chairmen.

For scientific matters contact Dr. Mihich ([enrico.mihich@roswellpark.org](mailto:enrico.mihich@roswellpark.org)) or Dr. Livingston ([david\\_livingston@dfci.harvard.edu](mailto:david_livingston@dfci.harvard.edu)).

For local arrangements and travel matters contact Pezcoller Foundation secretariat office, Trento, Italy, [Pezcoller@pezcoller.it](mailto:Pezcoller@pezcoller.it).