
The Pezcoller Foundation Symposia

12th Pezcoller Symposium:

Signaling Cross-Talks in Cancer Cells

June 1,2 & 3, 2000 Trento, Italy

Co-chairs:

E. Mihich and E. Harlow

Program Committee:

Drs. E. Mihich, E. Harlow, R. Dalla Favera, G. Draetta, D. Livingston and F. McCormick

The twelfth annual Pezcoller Symposium is to be held in Trento, Italy from June 1 to June 3, 2000 and is entitled, "Signaling Cross-Talks in Cancer Cells". The scientific program is being formulated by the Symposium co-chairs, Drs. E. Mihich (Buffalo) and E. Harlow (Boston), with the aid of a Program Committee including, Drs. R. Dalla Favera (New York), G. Draetta (Milan), D. Livingston (Boston) and F. McCormick (San Francisco).

Signaling as an overall process is a prerequisite for the life of normal and cancer cells. Signaling pathways are regulated by a multiplicity of mechanisms including critical "cross-talks" that are often involved in determining the decision of a cell to go towards a specific biological direction, for example, proliferation versus apoptosis versus differentiation. Both signaling and cross-talks involve multiple protein to protein interactions and well-regulated phosphorylation and dephosphorylation processes. This Symposium will be focussed on mechanisms of regulation of signaling with special emphasis on regulatory cross-talks among pathways and changes that occur in cancer cells. The phenomena to be discussed will be also considered with reference to opportunities that may be offered towards the development of potential therapeutic intervention.

During the Symposium, specific topics considered will be protein complexes assembly as targets for multiple signals, multiple phosphorylation of target proteins, coordinated responses to extracellular signals, cell choices/fate decisions, and new opportunities and clinical implications.

Each presentation will last 30 minutes and will be followed by a 30 minute discussion, this offering significant opportunities for scientific interactions and cross-stimulation among leading world scientists of diversified expertise and all the participants. In addition to the presentations by invited speakers, a poster session will be open to scientists submitting qualified posters in areas related to the subject of the Symposium.

For questions of a scientific nature, please contact Dr. Enrico Mihich, Roswell Park Cancer Institute, Buffalo, NY, Tel: (716) 845-8225; Fax: (716) 845-4542; Email: ann.toscani@roswellpark.org

For questions of an organizational matter, please contact: Fondazione Pezcoller, Galleria Tirrena, 10, 38100 Trento, Italy, Tel: (39-0461) 980250; Fax: (39-0461) 980350. Email: pezcoller@pezcoller.it

Sito: www.pezcoller.it

Program

June 1

- 8:30 Registration
- 9:00 Pezcoller Foundation Officers Welcome & Introductory Remarks
- 9:15 Enrico Mihich Focus & Goals

AM, Session I, Protein complexes assembly as targets for multiple signals

Co-Chairs: David Livingston, Pier Paolo Fiore

- 9:30 William Kaelin The von Hippel-Lindau tumor suppressor protein complex
- 10:00 Discussion
- 10:30 Coffee Break
- 11:00 Michael Moran GTPase exchange factor signaling and protein complexes
- 11:30 Discussion
- 12:00 Alfred Wittinghofer Signaling mechanism across the nuclear pore
- 12:30 Discussion
- 13:00 Lunch

PM, Session II, Multiple phosphorylation of target proteins

Co-Chairs: John Cleveland, Kim Nasmyth

- 14:00 Douglas Dean Chromatin remodelling and function of the retinoblastoma tumor suppressor protein
- 14:30 Discussion
- 15:00 George Thomas S6 kinase, Ribosome Biogenesis and Cell Growth
- 15:30 Discussion
- 16:00 Karen Vousden * Regulation of apoptosis by P53
- 16:30 Discussion
- 17:00 Ronald de Pinho Telomerase and tumor genesis
- 17:30 Discussion
- 18:00 Adjourn

June 2

AM, Session III, Coordinate responses to extracellular signals

Co-Chairs: Giulio Draetta, Moshe Oren

- 8:30 Sabine Kirrhoff T cells cross-talks
- 9:00 Discussion
- 9:30 Tada Taniguchi Signaling cross-talks between the IFN- α/β and IFN γ systems
- 10:00 Discussion
- 10:30 Coffee Break
- 11:00 Soldano Ferrone * Modulation of the antigenic profiles of tumor cells by extracellular signals

11:30 Discussion

12:00 Lunch

13.00 **Poster Session**

PM, Session IV, Cell choices/fate decisions

Co-Chairs: Gerard Evan, Paolo Comoglio

14:00 Frank McCormick *Cross-talk between Ras,b-catenin and p53 in colon cancer cells*

14:30 Discussion

15:00 Chris Marshall *Oncogenic signaling through small GTPases*

15,30 Discussion

16:00 Coffee Break

16:30 Joan Massague *TGF β and oncogenesis*

16:30 Discussion

17:30 Gordon Peters *The products of the p16/INK4a/ARF locus in tumor suppression and replicative senescence*

18:00 Discussion

18:30 Adjourn

June 3

AM, Session V, New opportunities and clinical implications

Co-Chairs: Andrew Simpson, Ed Harlow

8:30 Riccardo Dalla Favera *Cross talk of signaling pathways in B cell development and lymphomagenesis*

9:00 Discussion

9:30 Ali Fattaey *Cell cycle and novel cancer therapeutics*

10:00 Discussion

10:30 Coffee Break

11:00 Paul Workman *Overcoming cross-talk related signaling redundancy in tumors with therapeutics agents*

11:30 Discussion

12:00 Richard Klausner *Concluding discussion*

12:30 Lunch

14:30 Adjourn