

**XV Pezcoller Symposium**  
**Molecular In Vivo Visualization of Cancer Cells**  
**June 12-14, 2003; Rovereto, Italy**  
Co-chairs: Enrico Mihich, William Kaelin, Giulio Draetta  
Program Committee Members: David Livingston, Lucio Luzzatto

**June 12**

8:00 Registration

8:30 Pezcoller Foundation Officers & Enrico Mihich Welcome & Introductory Remarks

**AM, Session I, Fluorescence and Spectral Imaging**

Co-Chairs: Giulio Draetta, William Kaelin

9:00 Roger Y Tsien How can the sophistication of molecular imaging  
9:30 Discussion of cells be translated to in vivo imaging?

10:00 Coffee Break

10:30 Richard M Levenson Spectral Imaging: Seeing more than meets the eye  
11:00 Discussion

11:30 Robert M Hoffmann Real-time visualization of cancer cellular and molecular  
12:00 Discussion biology in the intact animal

12:30 Lunch

**PM, Session II, Advances in PET and MR**

Co-Chairs: Richard Mazurchuk, Juri Gelovani (a.k.a. Tjuvajev)

14:00 Zaver M Bhujwala MR molecular imaging applications in cancer  
14:30 Discussion

15:00 Ronald G Blasberg Molecular-genetic reporter gene imaging  
15:30 Discussion

16:00 Coffee Break

16:30 Harvey R Herschman PET reporter genes for noninvasive imaging of gene therapy,  
17:00 Discussion cell tracking and transgenic analysis

17:30 Adjourn

**June 13**

**AM, Session III, Genomics, Proteomics and Metabolomics**

Co-Chairs: Marco Pierotti, Ricardo Brentani

8:30 John C Lindon Metabonomics: Evolution from the laboratory to the clinic  
9:00 Discussion

9:30 Michael Stratton Systematic genome wide searches to find new cancer genes  
10:00 Discussion

|       |                        |  |
|-------|------------------------|--|
| 10:30 | Coffee Break           |  |
| 11:00 | Jan van der Greef      | The role of Systems Biology in studying disease etiology and biomarker discovery |
| 11:30 | Discussion             |  |
| 12:00 | Jerry Glickson         |  |
| 12:30 | Discussion             |  |
| 1:00  | Poster Session & Lunch |  |

**PM, Session IV, Bioluminescence**

Co-Chairs: Tullio Pozzan, Pamela Contag

|       |                    |  |
|-------|--------------------|--|
| 14:30 | Anthony K Campbell | Imaging nature's rainbow                                 |
| 15:00 | Discussion         |  |
| 15:30 | Coffee Break       |  |
| 16:00 | Brian D Ross       | Quantitative <i>in vivo</i> imaging of neoplasia         |
| 16:30 | Discussion         |  |
| 17:00 | Christopher Contag | Tracking tumor targets and immune effector cells in vivo |
| 17:30 | Discussion         |  |
| 18:00 | Adjourn            |  |

**June 14**

**AM, Session V, Clinical Applications**

Co-Chairs: Franco Cavalli, Hans Grunicke

**8:15-9:00 Best Posters' Communications**

|       |                          |   |
|-------|--------------------------|---|
| 9:00  | Thomas J Meade           | Biochemical activation of MR contrast agents  |
| 9:30  | Discussion               |   |
| 10:00 | Coffee Break             |   |
| 10:30 | Joseph R Bertino         | Enhanced imaging of gene transfer into hepatic tumors by drug induced translational up-regulation |
| 11:00 | Discussion               |   |
| 11:30 | Annick D van den Abbeele | Clinical applications of molecular imaging: The story of GIST                                     |
| 12:00 | Discussion               |   |
| 12:30 | Andrew von Eschenbach    | Concluding Remarks  |
| 13:00 | Lunch                    |   |
| 14:00 | Adjourn                  |   |