



FONDAZIONE
INTERNAZIONALE
MENARINI

International Workshop on Anthracycline Cardiotoxicity: Molecular Mechanisms and Clinical Correlates

Como (Italy) - October 20th-21st, 2006
Centro di Cultura Scientifica "Alessandro Volta" - Villa Olmo

Organized by:

Department of Drug Sciences and Center of Excellence on Aging - G. d'Annunzio University School of Medicine - Chieti (Italy)
Fondazione Internazionale Menarini - Florence (Italy)

PRELIMINARY PROGRAM

Friday, October 20th, 2006 – Morning

09.00 *Foreword:* **G. Minotti** (Chieti, I) - Anthracyclines: when good things go bad

SESSION I - Clinical Aspects

Chairmen: **L. Gianni** (Milan, I), **S. Lipshultz** (Miami, USA),
T.M. Suter (Bern, CH)

- 09.10 **H. Cortes-Funes** (Madrid, E) - Anthracyclines in the era of targeted therapy
- 09.30 **T.M. Suter** (Bern, CH) - Drug Induced cardiomyopathy: pathophysiology and diagnosis
- 09.50 **P. Valagussa** (Milan, I) - Anthracycline cardiotoxicity in breast cancer patients: prospective and retrospective analysis of risk factors
- 10.10 **L. Wojnowski** (Mainz, D) - Genotyping the risk of doxorubicin cardiotoxicity
- 10.50 **L. Gianni** (Milan, I) - Anthracycline cardiotoxicity in breast cancer patients: synergism with taxanes and trastuzumab
- 11.10 **G. Batist** (Montreal, CDN) - Cardiac safety of liposomal anthracyclines
- 11.30 **C. Sessa** (Bellinzona, CH) - Ongoing Phase I and II studies of novel anthracyclines
- 11.50 *Discussion Leaders:* **G. Batist** (Montreal, CDN), **P. Valagussa** (Milan, I) - Is cardiotoxicity still a clinical problem?

President of the Workshop

Giorgio Minotti

Professor of Pharmacology
G. d'Annunzio University School of Medicine - Chieti (Italy)

Co-chair

Narine Sarvazyan

Associate Professor
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Friday, October 20th, 2006 – Afternoon

SESSION II - Molecular Mechanisms

Chairmen: **G. Minotti** (Chieti, I), **N. Sarvazyan** (Washington, USA)

- 14.30 *Keynote lecture:* **K.R. Chien** (Boston, USA) - Stress and heart failure
- 15.00 **J. Robert** (Bordeaux-Cedex, F) - Experimental models of acute and chronic cardiotoxicity
- 15.20 **B. Kalyanaraman** (Milwaukee, USA) - Iron signalling and oxidant damage
- 15.40 **K. Wallace** (Duluth, USA) - Anthracycline mitochondrionopathy
- 16.00 **J.Y. Kang** (Louisville, USA) - Antioxidant defenses: lessons from transgenic animals and proteomics
- 16.40 **U. Walker** (Freiburg, D) - Anthracyclines and mtDNA lesions
- 17.00 **N. Sarvazyan** (Washington DC, USA) - Anthracyclines and phospholipases
- 17.20 **D.B. Sawyer** (Boston, USA) - Anthracyclines and the cytoskeleton
- 17.50 *Discussion Leaders:* **G. Cairo** (Milan, I), **J.Y. Kang** (Louisville, USA) - Controversies on the role of iron and oxyradicals

Saturday, October 21st, 2006 – Morning

SESSION III - Cardioprotection

Chairmen: **B. Hasinoff** (Winnipeg, CDN), **E. Herman** (Silver Spring, MD)

- 09.00 **B. Hasinoff** (Winnipeg, CDN) - Bisdiketopiperazines: how they work in cardiac and tumor cells
- 09.20 **M. Sehested** (Copenhagen, DK) - New analogs and applications of dexrazoxane
- 09.40 **S. Lipshultz** (Miami, USA) - Clinical experience with iron chelation
- 10.00 **H. Kaiserova** (Hradec Kralove, CZ) - New iron chelators in doxorubicin-induced cardiotoxicity
- 10.40 **A. Bast** (Maastricht, NL) - Flavonoids, from chemistry to clinical trials
- 11.00 **K. Hideg** (Pecs, H) - Novel antioxidants in anthracycline cardiotoxicity
- 11.20 *Discussion Leaders:* **A. Bast** (Maastricht, NL), **S. Lipshultz** (Miami, USA) - Risk: benefit ratio of cardioprotectants
- 11.50 **N. Sarvazyan** (Washington, USA) - Closing of the Meeting