



# International Symposium on Reversal of Multidrug Resistance in Cancer Cells

*December 13<sup>th</sup> 2004*

*Szeged*

*Regional Committee of Hungarian Academy of Sciences of  
Szeged*



# Programme of International Symposium on Reversal of MDR in cancer cells

10:00 **Welcome:** Joseph Molnar  
Gyula Telegdy

10:10 Giampietro Sgaragli  
**Correlation between MDR reversal and Calcium channel inhibiting activity of some dihydropyridines**  
*Department of Pharmacology, University of Siena, Siena, Italy*

11:00 Paolo D'Elia  
**Effect of Silicium-substituted MDR inhibitors on rat vascular smooth muscle cells.**  
*Department of Pharmacology, University of Siena, Siena, Italy*

11:20 N Gyémánt<sup>1</sup>, J. Molnár<sup>1</sup>, M. Tanaka<sup>1</sup>, P. Molnár<sup>2</sup>, L. Mándoky<sup>3</sup>, J. Hohmann<sup>4</sup>, M.J.U. Ferreira<sup>5</sup> and R. Didziapetris<sup>6</sup>  
**In vitro MDR reversal effects of carotenoids**  
*<sup>1</sup>Department of Medical Microbiology and Immunobiology, Faculty of Medicine, University of Szeged, Hungary; <sup>2</sup>Department of Biochemistry and Medical Chemistry, University of Pécs, Hungary; <sup>3</sup>Department of Cytopathology, National Institute of Oncology, Budapest, Hungary; <sup>4</sup>Department of Pharmacognosy, Faculty of Pharmacy, University of Szeged, Hungary; <sup>5</sup> Faculty of Pharmacy, University of Lisbon, Lisbon, Portugal; <sup>6</sup>Pharma Algorithms, Inc., Vilnius, Lithuania*

11.40 S. Saponara<sup>1</sup>, M. Kawase<sup>2</sup>, A. Shah<sup>3</sup>, N. Motohashi<sup>4</sup>, J. Molnar<sup>5</sup>, K. Ugocsai<sup>5</sup>, G. Sgaragli<sup>1</sup>, F. Fusi<sup>1</sup>  
**3,5-Dibenzoil-4-(3-Phenoxyphenyl)-1,4-Dihydro-2,6-Dimethylpyridine (DP7) as a new multidrug resistance reverting agent devoid of effects on vascular smooth muscle contractility**  
*<sup>1</sup>Dipartimento di Scienze Biomediche, Università degli Studi di Siena, Siena, Italy; <sup>2</sup>Faculty of Pharmaceutical Sciences, Josai University, Saitama, Japan; <sup>3</sup>Department of Chemistry, Saurashtra University, Rajkot India; <sup>4</sup>Meiji Pharmaceutical University, Tokyo, Japan; <sup>5</sup>Faculty of Medicine, Institute of Microbiology, Albert Szent-Györgyi Medical University, Szeged, Hungary*

12:00 L. Mándoky<sup>1</sup>, C. Krausz<sup>2</sup>, L. Géczy<sup>1</sup>, I. Bodrogi<sup>1</sup>, M. Bak<sup>1</sup>  
**Role of apoptosis regulation in treatment response of human germ cell tumors**  
*<sup>1</sup>National Institute of Oncology Budapest, Hungary  
<sup>2</sup>University of Florence, Andrology Unit Firenze, Italy*

12: 20 Zoltán Kiss  
**Joint cancer research programme in Hungary.**  
*CanCure Laboratories LLC, Minnesota, USA,*

Gyula Telegdy  
President

Joseph Molnar  
Head of Biological Section