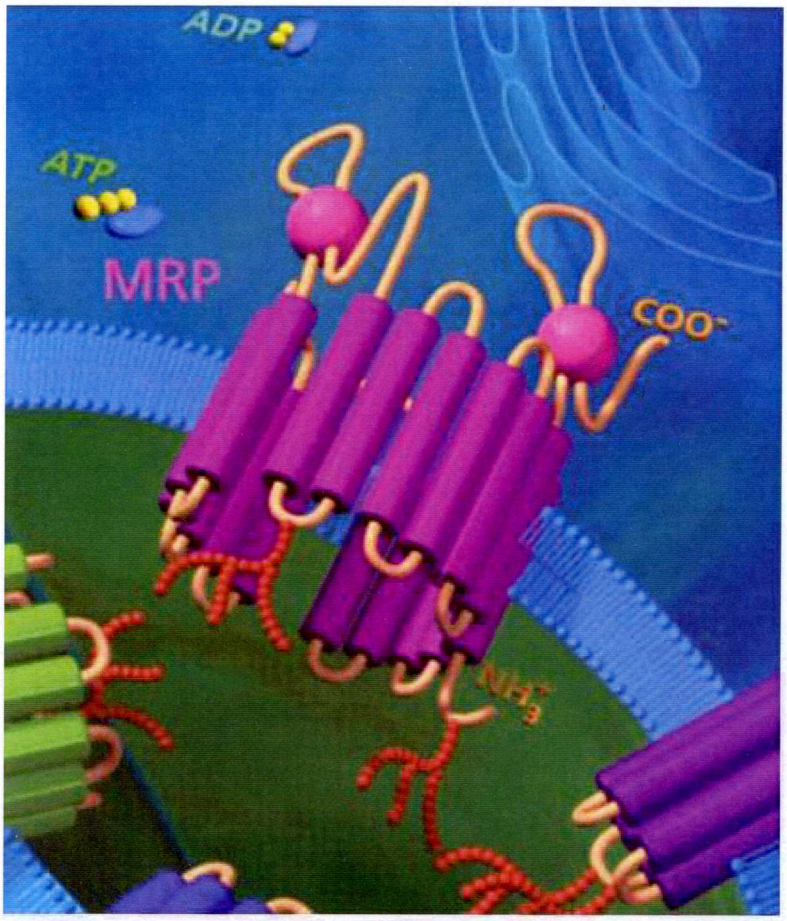
Ministero degli Affari Esteri

Pharmacological strategies to overcome multidrug resistance in cancer chemotherapy

3rd Annual Symposium



14th November 2006
Certosa di Pontignano
Siena

Organization:
G. Sgaragli
S. Saponara

Secretariat:
L. Valacchi
G. Scorzafave

Pharmacological strategies to overcome multidrug resistance in cancer chemotherapy

Certosa di Pontignano, Siena
Tuesday, 14th November 2006

PROGRAMME

9.00 – 10.00	Registration
9.30	Welcome to the participants
	F. Corelli, *Dean of Pharmacy School, University of Siena,* Italy M. Panczel, *Hungarian Embassy at Rome*, Italy G. Sgaragli, *University of Siena,* Italy
Morning session	
Chairmen:	F. Gualteri *(Firenze)* M.G. Cacace *(Siena)*
10.00 – 10.30	Permeability-glycoprotein: introductory outlines
	G. Sgaragli, *University of Siena*, Italy
10.30 – 10.50	Synthesis of some new 4-substituted-1,4-dihydropyridines
	F. Ponticelli, *University of Siena*, Italy
10.50 – 11.15	Coffee break
Chairmen:	G.P. Gervasi *(Pisa)* M. Valoti *(Siena)*
11.15 – 11.45	Isomeric N,N-dicyclohexane-4-ol-amine aryl esters: the discovery of a new class of highly potent and efficacious Pgp-dependent MDR inhibitors
	E. Teodori, *University of Florence*, Italy
11.45 – 12.15	Taxuspines as New Multi-Drug Resistance Reversing Agents
	M. Botta, *University of Siena*, Italy
12.30 – 14.00	Lunch break

Afternoon session

Chairmen:	E. Mini *(Firenze)*, F. Fusi *(Siena)*
14.00 – 14.30	Interactions between DP7, a new powerful P-gp inhibitor, and rat/human liver microsomal CYPs M.Valoti, *University of Siena*, Italy
14.30 – 14.45	MDR reversal activity of Anastasia Black (Russian Black sweet pepper) extracts and fractions on MDR1 gene transfected mouse lymphoma cells Z. Schelz, *University of Szeged*, Hungary
14.45 – 15.00	Inhibition of P-gp/ATPase activity of rat small intestine membrane vesicles by the novel, dihydropyridine MDR reverter DP7 D. Alderighi, *University of Siena*, Italy
15.00 – 15.15	Reversal of ABC-transporter mediated multidrug resistance from bacteria to cancer cells G. Spengler, *University of Szeged*, Hungary
15.15– 15.45	Closing of the meeting

This meeting was organized by the Dipartimento di Scienze Biomediche dell'Università degli Studi di Siena within the frame of legge 401/90 – Ministero degli Affari Esteri (Direzione Generale per la Promozione e la Cooperazione Culturale) and, also, on account of the teaching activity planned for the Scuola di Dottorato di Ricerca in Fisiologia - Farmacologia - Tossicologia Molecolare e Cellulare.