

Tuesday 15 th December 2020	
9:30	Welcome Roberta Fruttero, Former Chair of STRATAGEM and Catherine Passirani, WG2 Leader
9:40-13:00	MORNING SESSION
9:40	Keynote lecture I Moderator: Roberta Fruttero, Former Chair of STRATAGEM
	Romano Silvestri: New anticancer agents through an interaction with tubulin
10:30-11:50	Selected Oral Presentations
	Moderator: Mattia Mori, WG2 meeting co-organizer
10:30	Anne Vessières: Biological activity of ferrocifens on human PDCLs of glioblastoma (GBMs). A step toward personalized medicine.
10:50	Kateřina Valentov: Selectively halogenated flavonoids: Preparation, biophysical properties, and multidrug resistance modulation.
11:10	Arasu Ganesan: Multitargeting epi-epi drugs for multidrug resistance.
11:30	Alfonso T. Garcia-Sosa: Predicted Protein Kinase C isoform interactions and experimental inhibition of breast cancer stem cell-inducing spheres.
11:50	Coffee-Break
12:00-13:00	WG2 meeting (for WG2 members) Welcome: Chiara Riganti, Chair of STRATAGEM - Moderator: Catherine Passirani, WG2 Leader
13:00-14:00	Interval (Lunch Break)
14:00-18:00	AFTERNOON SESSION
14:00	Keynote lecture II Moderator: Catherine Passirani, WG2 Leader
	Fabiana Quaglia: Biodegradable nanoparticles delivering therapeutic combinations in MDR cancer.
14:50-16:10	Selected Oral Presentations
	Moderator: Simona Saponara, WG4 Leader
14:50	Cristina Del Plato: Design and synthesis of piperazine-based compounds conjugated to Humanized ferritin as delivery system of siRNA in cancer cells.
15:10	Veronica Bastos: UCNPs nanocapsules for doxorubicin targeting delivery in melanoma cell lines.
15:30	Denitsa Aluani: Micellar Encapsulation of Doxorubicin with CAPE Enhance its Cytotoxicity Against Lymphoma L5178 MDR1 cells.
15:50	Christina Banti: Novel silver glycinate metallodrug; A non-toxic antiproliferative agent induces apoptosis on human breast cancer cells.
16:10	Coffee-break
16:20-18:00	Speed-Talks of Poster Presentations
	Moderators: Helena Vasconcelos, WG3 Leader - Jitka Viktorova, Early Career Investigators (ECI) Coordinator - Yordan Yordanov, Science Communication Manager

16:20	Silvia Cammarone: Chalcones and Chalcone-mimetic Derivatives as Notch blocking agents in T-cell acute lymphoblastic leukemia.
16:25	Pierre Idlas: Formulation of ferrocifen loaded lipid nanocapsules against multidrug resistant ovarian adenocarcinoma.
16:30	Florence O. McCarthy: Novel 11-substituted ellipticines as potent anticancer agents with divergent activity against cancer cells.
16:35	Francesca Picarazzi: Structural elucidation of novel Imidazo[1,2-a]pyridine inhibitors of Aldehyde Dehydrogenase 1A Family.
16:40	Vera M. S. Isca: Innovative nanosystems with natural cytotoxic royleanone diterpenes from <i>Plectranthus</i> spp.
16:45	Oscar Briz: Transportome manipulation by gene therapy to sensitize liver and gastrointestinal tumors to chemotherapy.
16:50	Valeria Vergine: mPEG _{5kDa} -cholane/Glabrescione B delivery system as promising tool for the treatment of Hh-dependent tumors.
16:55	Nicolas Clere: p722 ferrocifen loaded lipid nanocapsules improve survival of murine xenografted-melanoma via a potentiation of apoptosis and an activation of CD8 ⁺ T lymphocytes.
17:00	Bruno M. F. Gonçalves: Exploring the efflux and modulation mechanisms of Human ABCG2 through Molecular Dynamics Simulations
17:05	Arif Kivrak: Synthesis of Novel Artemisinin-Benzothiophene Hybrid Molecules.
17:10	Wolfgang Link: Harmine and Piperlongumine revert TRIB2-mediated drug resistance.
17:15	Mariacristina Failla: NO release regulated by doxorubicin as the green light-harvesting antenna.
17:20	Sundus Erbas-Cakmak: Activatable Photodynamic Therapy Agents for Use in Multi-Drug Resistant Tumors.
17:25	Enrique Domínguez-Álvarez: Selenocompounds: a novel approach to fight cancer resistance.
17:30	Isabella Romeo: Synergistic inhibition of the Hedgehog pathway by newly designed Smo and Gli antagonists bearing the isoflavone scaffold.
17:35	David S. P. Cardoso: Generation of a library of indole alkaloid derivatives as ABCB1 inhibitors in resistant cancer cells.
17:40	Philippe Bertrand: Simplified tetraethylene oxide-mediated synthesis of gold nanoparticles and their internalization by cancer and neuronal cells.
17:45	Michela Puxeddu: New 1,1'-Biphenyl-4-sulfonamides as Potent and Selective Human Carbonic Anhydrase inhibitors.
17:50	Sarah Le Saux: Stability, cellular interactions and post production modification of murine mesenchymal stem cells (mMSC) derived Extracellular Vesicles.
17:55	Florence O. McCarthy: Isoquinolinequinone N-oxides as anticancer agents effective against drug resistant cell lines.
18:00	Niamh M. O'Boyle: Combretazets: Enantiomeric β -Lactams for the Treatment of Breast Cancer.
18:05	Hulya Ayar Kayali: Synthesis and Characterization of Therapeutic Antibody-drug Conjugates against Multidrug Resistant Ovarian Cancer Therapy.
18:10	Prizes for best presentations (to be announced on the Stratagem website) Closing remarks
	Javier De Las Rivas, Vice-Chair of STRATAGEM and Catherine Passirani, WG2 Leader
18:15	End of Day