





Alp Nano Bio International School 2 - ANIS2

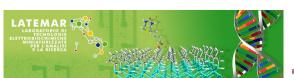
January 11-15, 2010 Sterzing (Vipiteno) Bozen, Italy

Monday 11th January - Tutorial: Improving the understanding of cancer

14.00	-	14.30	Opening
			Mariano Anderle (Provincia autonoma di Trento)
			Cecilia Pederzolli (Fondazione Bruno Kessler)
14.30	-	15.30	Understanding the molecular bases of complex traits: from basic research to therapy
			Paolo Gasparini (University of Trieste & IRCCS Burlo Garofalo Trieste)
15.30	-	16.30	Lost in translation: mRNA fate and the hidden dimension of signature and biomarker discovery in cancer
			Alessandro Quattrone (Centre for Integrative Biology, University of Trento)
16.30	-	17.00	Coffee break
17.00	-	18.00	Tumors and immune system: how to exploit immune-mediated mechanisms to target tumors
			and their microenvironment
			Marco Colombatti (Department of Pathology, Section of Immunology, University of Verona)
18.00	-	19.00	OMICS profiling and prognostic significance in cancer
			Gian Paolo Tonini (Translational Pediatric Oncology, National Cancer Research Institute, Genoa)
		19.30	Welcome party

Tuesday 12th January - DIAGNOSTICS

8.30	-	9.30	Cancer biomarkers in the clinical practice: state of the art and future directions
			Massimo Gion (Istituto Oncologico Veneto IRCCS, UO Analysis Laboratory)
9.30	-	10.30	Biomarkers and surrogate end-points in anti-angiogenic therapies: a paradigmatic example for targeted drugs
			Federico Bussolino (Institute for Cancer Research and Treatment, University of Turin)
10.30	-	11.15	Protein Surface Chemistry: Measuring Dissociation Constants, Enzyme Reactions and Protein-protein Interactions
			Giacinto Scoles (International School for Advanced Studies (SISSA)/Elettra - Trieste)
11.15	-	11.30	Coffee break
11.30	-	12.15	Large Scale Proteomics with a Very Small Number of Cells for Point of Care Diagnostics Purposes
			Giacinto Scoles (International School for Advanced Studies (SISSA)/Elettra - Trieste)
			SNOW-TIME
16.00	-	16.45	DNA Microarray: a Versatile Tool for Research and Diagnostics
			Andrea Cuppoletti (CTO Molecular Stamping Labs)
16.45	-	17.30	In vivo Diagnostic Imaging: from Contrast Media to Molecular Probes
			Fulvio Uggeri (Bracco S.p.A.)
17.30	-	18.15	Fluorescence Detection for Immunoassays and DNA sensing - from optical table to miniaturized biosensor devices
			Marius Boamfa (Molecular Diagnostic Group, Philips Research Europe)
18.15	-	19.00	Biochips for Hepatocellular Carcinoma
			Giorgio Fassina (Xeptagen S.p.A.)
20.30	-	22.30	LATEMAR MEETING



















Alp Nano Bio International School 2 - ANIS2

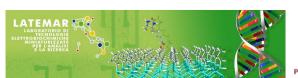
January 11-15, 2010 Sterzing (Vipiteno) Bozen, Italy

Wednesday, 13th January - DIAGNOSTICS and IMAGING

8.30	_	9.30	Nanoscopy and Multidimensional Optical Fluorescence Microscopy
			Alberto Diaspro (LAMBS-MicroScoBio, University of Genoa & Italian Institute of Technology)
9.30	_	10.30	Brain tumour radiotherapy with synchrotron radiation
			Alberto Bravin (ID17 - Bio-medical Beamline ESRF)
10.30	-	12.30	Delivery of nanoparticles to solid tumors: implication for therapy and diagnosis
			Paolo Antonio Netti (University of Napoli)
12.30	-	13.00	Coffee break
			SNOW-TIME
16.30	-	17.15	Avidin Nucleic Acids Nano Assembled Systems: novel multipotent tools in biomedicine from a two-fold
			nature-driven self-assembly
			Margherita Morpurgo (University of Padova , A.n.a.n.a.s. Nanotech)
17.15	-	18.15	Using self-assembled nanomaterials to delay the formation of metastatic cancer cell colonies in vitro
			Rutledge Ellis Behnke (Cognitive Sciences Department, MIT Cambridge)
18.15	-	19.00	
			Niccolò Manaresi (Silicon Biosystems - Bologna)
		20.00	Social dinner

Thursday, 14th January - THERAPY

8.30	-	10.00	Vasculature-targeted nano-technology: a novel anti-tumour therapeutic strategy
			Mirco Ponzoni (Laboratory of Oncology, Institute G. Gaslini)
10.00	-	11.00	Polycations in cancer diagnostics and therapy- A novel approach
			Silke Krol (NanoBioMed group at LANADA - Area Science Park)
11.00	-	12.00	Nanotoxicology: the dark side of the employment of nanoparticles in medicine
			Bice Fubini (Department of Chemistry IFM University of Turin)
		12.00	Coffee break
			SNOW-TIME
20.00	_	22.00	Poster Session



















Alp Nano Bio International School 2 - ANIS2

January 11-15, 2010 Sterzing (Vipiteno) Bozen, Italy

Friday, 15th January - NEW FRONTIERS OF CANCER THERAPY

8.30	-	9.10	Target therapy
			Claudio Graiff (Oncology Department, San Maurizio Hospital - Bolzano)
			Emanuela Vattemi (Oncology Department, San Maurizio Hospital - Bolzano)
9.10	-	9.50	Proton Therapy
			Maurizio Amichetti (ATreP - Provincial Agency for Proton Therapy)
9.50	-	10.35	Micro-methods in Chronic Lymphocitic Leukaemia and Multiple Myeloma
			Paolo Coser (Emeritus Head of Hematology and Bone Marrow Transplant Division, San Maurizio Hospital - Bolzano)
10.35	-	11.00	Coffee break
11.00	-	11.30	Target therapy in Non-Hodgkin's Lymphoma
			Paolo Coser (Emeritus Head of Hematology and Bone Marrow Transplant Division, San Maurizio Hospital - Bolzano)
11.30	-	12.10	Tissue biobanks: a resource for research and a wealth of society
			Mattia Barbareschi (U.O. Anatomia Patologica Santa Chiara Hospital - Trento)
			Silvia Fasanella (U.O. Anatomia Patologica Santa Chiara Hospital - Trento)
12.10	-	13.00	Closing lecture
			Lucio Luzzatto (Istituto Toscano Tumori ITT)
		13:00	Lunch

