

MiniSymposium
Cancer Drug Discovery, Development and Delivery
Mechanisms and Targets in Tumor and Stromal Cells
Organisers: Maria Patrizia Stoppelli, Anna De Vincenzo, Stefania Belli

June 30, 2017 @ IGB, CNR Conference room & Library room, Ground floor

08.45 Registration

09.15 Opening and Welcome – *A. Simeone, M. Patrizia Stoppelli*

1. *Regulatory mechanisms in cancer* Chair: Pasquale Verde

09.25 Paola Martinelli: GATA transcription factors link epithelial differentiation and tumor progression.

10.10 Anna De Vincenzo: Mammary tumor-stroma crosstalk: role of insulin-like growth factors.

10.30 Enza Lonardo: Multifaceted role of TGF beta in colorectal cancer progression.

11.15 Coffee Break

2. *Controlling cancer progression* Chair: Gabriella Minchiotti

11.35 Marie Ranson: Pancreatic cancer invasion and stromal remodeling– Role of the plasminogen activation system as a potential therapeutic target

12.20 Vincenzo Ingangi: Integrating M2-like macrophages into organotypic co-cultures to increase growth and spreading of sarcoma spheroids: a model to test the efficacy of new anti-tumor drugs.

12.40 Stefania Belli: Novel Decapeptides Inhibiting the Protumoral activity of Cancer Associated Fibroblasts.

13.00 Lunch

3. *New drugs and delivery* Chair: Sandro de Falco

14.30 Raffaele Vecchione: Nanotechnologies applied to cancer research

15.15 Giulia Iaccarino: Stimuli responsive drug delivery nanosystems

15.35 Francesca Iommelli: Reversal of drug resistance to EGFR TKIs in preclinical models of oncogene-driven NSCLC

15.55 Kara Perrow: Drug-Loaded Liposomes Targeting the Urokinase Plasminogen Activation System: Towards Reducing Resistance in Heterogeneous HER2+ Breast Cancer

16.40 Closing Remarks: *M. Patrizia Stoppelli & Marie Ranson*
