

Program

II Meeting

«Development of delivery systems for experimental clinical biochemistry and therapy»

- TRIESTE 13 Settembre 2019 –

*Conference room Lega Navale Italiana
Molo fratelli bandiera, 9, 34123 Trieste*

- 9.00-9.15 **M. Grassi & G Grassi, UNI-Trieste**
Meeting introduction and general considerations about the research field
- 9.15-9.30 **Dr Caterina Cremonesi-Prodotti Gianni**
Multiparametric analysis: a powerful tool for your research
- 9.30-10.00 **Prof Cavallaro - UNI Palermo**
Polymers for your need in Nanomedicine
- 10.00-10.30 **Dr Farra - UNI Trieste**
Development of folic acid targeted nanoparticles for ovarian carcinoma treatment
- 10.30-11.00 **Dr Perrone- UNI Trieste**
PDPG Polymer as a targeted delivery system for siRNAs to hepatocellular carcinoma cells
- 11.00-11.30 Coffe Break*
- 11.30-12.00 **Prof Mario Grassi-Dr Abrami – UNI Trieste**
Role of hydrogels network on drug delivery
- 12.00-12.30 **Prof Adrover - UNI Roma la Sapienza**
Design of a tunable nanocomposite double network hydrogel based on gellan gum for drug delivery applications
- 12.30-13.00 **Prof Manca – Politecnico Milano**
Mathematical modeling of transdermal delivery systems for optimal administration of melatonin

13.00-14.30 Break

- 14.30-15.00 **Prof Guido and Prof Tomaiuolo** – UNI Napoli Federico II
Drug delivery and Physiologically relevant model of human microcirculation in vitro based on microfluidics
- 15.00-15.30 **Prof Forte – St. Ann's University Hospital Brno, FNUSA-ICRC**
A biotechnology toolbox to control YAP activity in diseases
- 15.30-16.00 **Dr Turco – Max Planck Institute for Dynamics and Self-organisation, Germany**
The effect of shear stress on cardiac laminar sheets
- 16.00-16.30 Coffe Break*
- 16.30-17.00 **Prof Rizzolio –UNI Venezia ca' Foscari**
From nanoformulation of small molecules to personalized drug screening: A tumoroid Point of View
- 17.00-17.30 **Prof Maja Cezmar – UNI Lubiana**
Electroporation in drug delivery
- 17.30-18.00 **Dr Dapas – UNI Trieste**
Delivery of therapeutic siRNAs to chronic lymphatic leukemic cells
- 18.00-18.30 **Prof Larobina –CNR Napoli**
Coupled Rheo-DLS study on mucus dynamics
- 18.30-18.45 **M. Grassi & G Grassi, UNI-Trieste**
Conclusion