

**VII Convegno**  
**Gruppo di ricerca P.R.I.N. (20109PLMH2)**

**«Sviluppo di sistemi di rilascio in diagnostica e terapia sperimentale»**

- TRIESTE 5 Giugno 2018 -

*Piazzale Europa 1, Edificio B, aula Arich*

- 9.00-9.10     **M. Grassi & G Grassi, UNI-Trieste**  
General considerations about the work performed in the last years  
and sponsor presentation
- 9.10-9.40     **Prof Adrover - UNI Roma la Sapienza**  
Design of a tunable nanocomposite double network hydrogel based on gellan gum  
for drug delivery applications
- 9.40-10.10   **Prof Cavallaro - UNI Palermo (Skype)**  
Development of smart delivery systems based on Nano into Micro strategy for  
pulmonary administration of drugs
- 10.10-10.40   **Dr Farra - UNI Trieste**  
Development of folic acid targeted nanoparticles for ovarian carcinoma treatment
- 10.40-11.20 Coffee break*
- 11.20-11.50   **Dr Perrone- UNI Trieste**  
PDPG Polymer as a targeted delivery system for siRNAs to hepatocellular carcinoma  
cells
- 11.50-12.20   **Dr Abrami – UNI Trieste**  
A novel approach based on low field nuclear magnetic resonance to monitor lung  
functionality and inflammation in cystic fibrosis patients
- 12.20-14.30 Pranzo*
- 14.30-15.00   **Prof Larobina – CNR Napoli**  
Mucus as an arrested phase separation gel
- 15.00-15.30   **Prof Manca – Politecnico Milano**  
Somministrazione di farmaci tramite rilascio transdermico con modellazione della  
farmacocinetica basata su fisiologia umana
- 15.30-16.00   **Dr D'Apolito-Prof Tomaiuolo – UNI Napoli Federico II**

Effect of endothelial cells on haemodynamics in vitro

**16.00-16.30** *Coffee break*

**16.30-17.00 Prof Conese – UNI Foggia**

Cancer stem cells: nuovi target per la diagnostica e terapia dei tumori.

**17.00-17.30 Dr Dapas – UNI Trieste**

Effects of the demethylating agent 5-azacytidine in hepatocellular carcinoma cells

**17.30-18.00 M. Grassi & G Grassi, UNI-Trieste**

Conclusion