

FROM NUCLEIC ACID TO PERSONALIZED MEDICINE: INNOVATIVE APPROACHES TO EARLY DIAGNOSIS AND THERAPY OF DISEASES AT HIGH SOCIAL IMPACT



Final Workshop

November 16th 2015, Bari

Salone degli Affreschi, Università degli Studi di Bari

Piazza Umberto I, 1

9.00-9.30

Participant registration

9.30-10.00 **Michele Saviano - Institute of Crystallography-CNR**

Welcome address

10.00-10.30 **Maria Moccia - Institute of Crystallography-CNR**

Design and development of PNA based miR-34a analogues and their use in Neuroblastoma tackling

10.30-11.00 **Linda Piras - Institute of Crystallography-CNR**

Novel PNA fluorescent probes for RNA imaging

11.00-11.30

Coffee Break

11.30-12.00 **Mauro F. Adamo - Royal College of Surgeons in Ireland**

Preparation of chiral PNAs and their application to treatment of Neuroblastoma

12.00-12.30 **Emma Langella - Institute of Biostructures and Biomaging-CNR**

Computational studies of modified oligonucleotides: a molecular dynamics perspective

12.30-13.00 **Vittorio de Franciscis - Institute for Experimental Endocrinology and Oncology-CNR**

Aptamer-miRNA conjugates for targeted cancer therapy

13.00-14.00

Lunch

14.00-14.30 **Roberto Gambari - Department of Life Sciences and Biotechnology, University of Ferrara**

Novel trends in miRNA therapeutics

14.30-15.00 **Nicola Antonio Colabufo - BioForDrug srl and Department of Pharmacy, University of Bari**

miRNAs in neurodegeneration: miR-206 and miR-107, two new circulating biomarkers

15.00-15.30 **Salvatore Pernagallo - DestiNA Genomics Ltd, Scotland, UK**

DestiNA Genomics Technology: 'SMART Chemistry' for Integrated Solutions in Molecular Diagnostics

15.30-16.00 **Flavio Licciulli - Institute of Biomedical Technologies-CNR**

nc-aReNA: an integrated web-based platform for small non-coding RNAs data analysis

16.00-16.15

Conclusion Remarks

With the support of



Organised within the project

“Verso la Medicina Personalizzata:

Sviluppo di nuove molecole selettive per la cura del Neuroblastoma”

Bando Sviluppo del Capitale Umano ad Alta Qualificazione 2011

Fondazione CON IL SUD

