

- Nagy Habib, MiNa Therapeutics,
RNA therapeutics: from the bench to the market

- Katia Beirau, Percuros srl, Naples,
Percuros experience in EU networks

- Rino Prota, Naples, Italy
Concrete opportunities for applications

5:00pm Networking and discussion Closing Remarks

Scientific Organizers

Vittorio de Franciscis
IEOS CNR
Naples, Italy

Gerolama Condorelli
Federico II University of Naples
Naples, Italy



This Workshop has also been sponsored by:



**A Networking Event with short talks
by young postDocs from
Academia and Company**

**Targeted delivery to
cancer cells:
an emerging aspect of
oligo-therapeutic**

**Biotechnology Complex Aula Magna.
University of Naples Federico II
Via Tommaso De Amicis 95, Naples, Italy**

Naples May 10th 2019



08.30am Registration

08.45am Opening and welcome Vittorio de Franciscis, Gerolama Condorelli, Gennaro Piccialli, Mario De Felice, Franca Esposito

9:00am Session 1

RNA-based drugs, a challenging opportunity for cancer

Chair: Michela Alessandra Denti and Gerolama Condorelli

- Michela Alessandra Denti, Trento, Italy

Ten shades of RNA Therapy

- Angela Gallo, Rome, Italy.

ADAR2/miR-589-3p axis controls glioblastoma cell migration/invasion

- Florence Servais, Luxemburg.

Modulation of the IL-6 signaling pathway in liver cells by miRNAs targeting gp130, JAK1 and/or STAT3

- Cristina Quintavalle, Naples, Italy.

Targeting breast cancer exosome with nucleic acid aptamers: a new strategy for early cancer diagnosis

- Emilio Hirsh, Torino, Italy

A quest for a safer PI3K inhibitor to treat asthma and fibrosis: the CL27 story

10:30am Coffee Break - Networking and discussion

11:00am Special Lecture

Maria Grazia Magro, Milan, Italy.

Introducing Human Technopole

11:30am Session 2a

Tumor site delivery: the magic bullet

Chair Gabriel Lopez-Berestein and Vittorio de Franciscis

- Gabriel Lopez-Berestein, Houston, Texas USA

Introduction

- Hervé Hillaireau, Paris, France.

Aptamer-decorated liposomes for the delivery of siRNA to CD44-expressing cancer cells

- Carla Lucia Esposito, Naples, Italy.

Aptamer-based RNA Bio-drugs for cancer targeted therapy

- Lorena Quirico, Turin, Italy.

Axl-148b aptamer inhibits melanoma and breast cancer tumor progression

1:00pm – 2:00pm Lunch

2:00pm Session 2b

- Riccardo Panella, Boston, Massachusetts USA.

RNA therapy for advanced metastatic breast cancer

- Mario Martínez Soldevilla, Pamplona, Spain.

ICOS costimulation with targeted agonist aptamer at the tumor site enhances CTLA-4 blockade therapy

- Silvana Haßel, Bonn, Germany.

Synthetic aptamer-peptide conjugates for targeted activation of T cells

- Loreta D'Amico, MicroGem, Naples Italy

Microgem: cooperation between company and research groups

3:30pm Session 3

Academia-Industry networks. Grant opportunities, strategies and perspectives

- David Bunka, York, UK

Introduction and Market Perspectives.

- Roberta Lauro, Naples, Italy

New Calls in Europe

- Andrei Laikhter, Chemgenes.

Advanced RNA synthesis as a key tool in RNA biology research

- Alessandra Affinito, Percuros BV, Leiden, The Netherlands

Interaction between industry and academy

- Niels Montano Frandsen, Qiagen

Design parameters that are important for controlling toxicity and off-target activity of LNA gapmers