

“Realizzazione di un bioSensore per il riconoscimento di esosomi circolanti per la diagnosi precoce dei Tumori della TESTA e del collo - SMART TEST”

Finanziato dalla Regione Campania POR Campania FESR 2014-2020 Asse prioritario III

Biogem
Ariano Irpino
21
giugno
2023

Scientific Program

10.30 Registration / 11.00 Introduction

President: **Ortensio Zecchino**
Scientific Director: **Giovanbattista Capasso**

Saluti del Direttore Generale ASL AV: **Mario Ferrante**

Chairs: **Michele Caraglia** and **Giovanbattista Capasso**

11.15 Milk-derived extracellular vesicles: overview of the current isolation and characterization methods
Amalia Luce

11.45 Nanostructured materials for biosensing applications
Luca De Stefano

12.15 Liposomes, lipid nanoparticles and extracellular vesicles: past, present and future of nanomedicine.
Giuseppe De Rosa

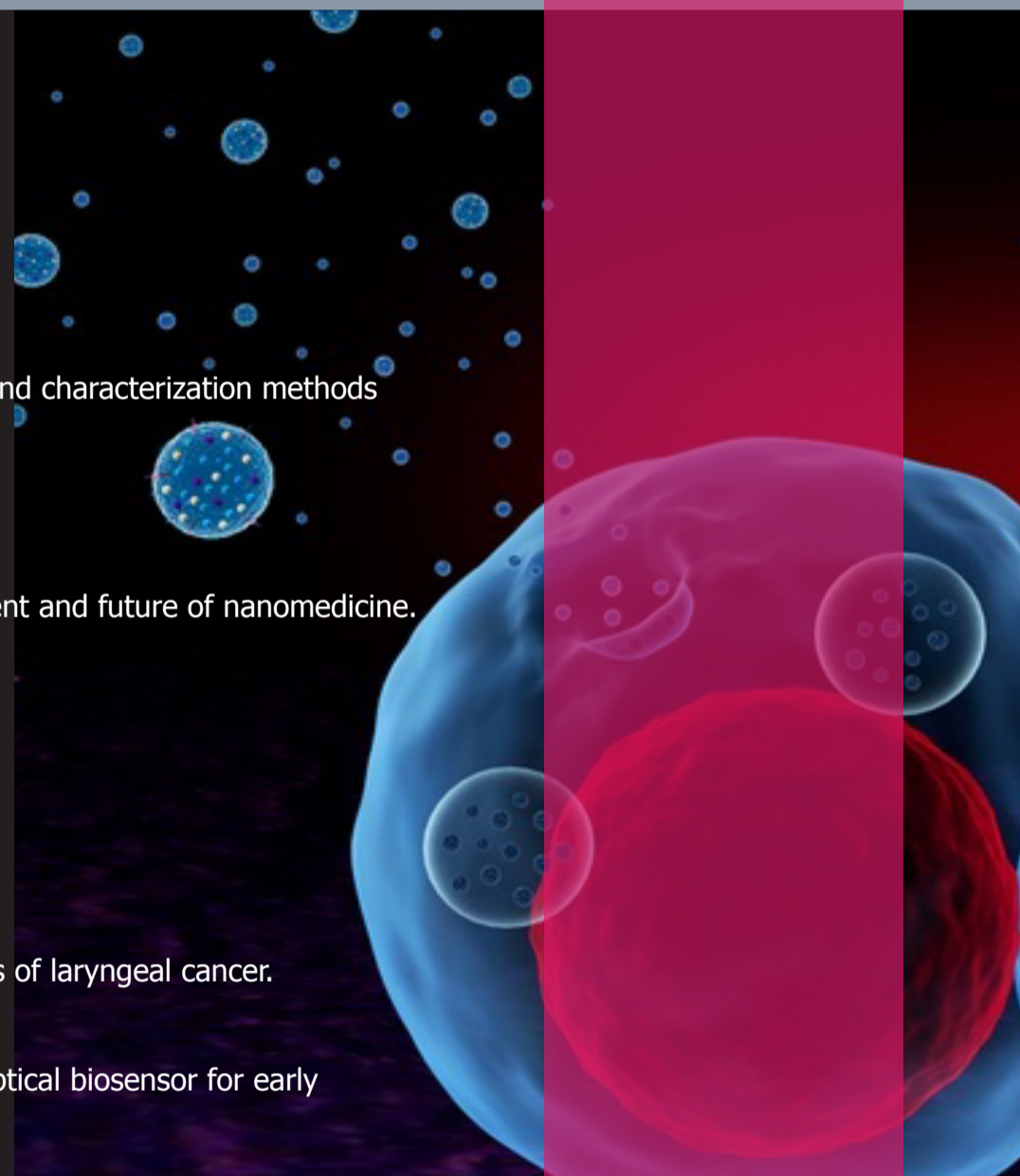
13.00-14.00 Light Lunch

Chair: **Marianna Scrima** and **Gabriella Misso**

14.15 Nanoparticles for in vitro and in vivo sensing
Ilaria Rea

14.45 Exosomes multiplex profiling, a promising strategy for early diagnosis of laryngeal cancer.
Marco Bocchetti

15.15 Detection of prognostic and diagnostic miRNAs via nanostructured optical biosensor for early Laryngeal Cancer diagnosis
Sara Martino



Facility

Marco Bocchetti, Post-Doc, Laboratory of Molecular and Precision Oncology, Biogem Scarl, Ariano Irpino
Giovanbattista Capasso, Scientific Director, Biogem Scarl, Ariano Irpino
Michele Caraglia, Full Professor, Department of Precision Medicine, University of Campania "L. Vanvitelli, Naples
Giuseppe De Rosa, Full Professor, Department of Pharmacy, University "Federico II" of Naples
Luca De Stefano, Research Chief, ISASI, CNR Napoli
Amalia Luce, Researcher, Department of Precision Medicine, University of Campania "L. Vanvitelli, Naples
Sara Martino, PhD Student, Department of Precision Medicine, University of Campania "L. Vanvitelli, Naples and ISASI, CNR Na.
Gabriella Misso, Associate Professor, Department of Precision Medicine, University of Campania "L. Vanvitelli, Naples
Ilaria Rea, Research, ISASI, CNR Napoli
Marianna Scrima, Coordinator of Laboratory of Molecular and Precision Oncology, Biogem Scarl, Ariano Irpino
Ortensio Zecchino, President of Biogem Scarl, Ariano Irpino