

# MaBS Workshops

## 2<sup>nd</sup> Life Sciences Mediterranean Meeting 2023

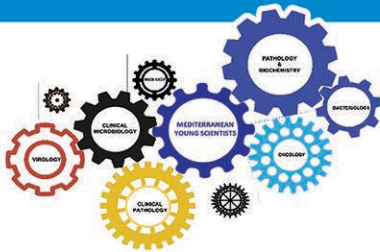
Università degli Studi della Campania Luigi Vanvitelli

Scuola di Medicina e Chirurgia  
Dipartimento di Medicina Sperimentale



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**

Dipartimento di Scienze Mediche Traslazionali



14<sup>th</sup> - 15<sup>th</sup> September 2023  
15:00

Aula Magna - Complesso Monumentale Santa Patrizia  
Università degli Studi della Campania "L. Vanvitelli" - Napoli

Segreteria Scientifica: Anna De Filippis, Annamaria Malfitano, Daniela Terracciano, Emiliana Finamore, Carla Zannella, Annalisa Chianese, Rosa Giugliano, Annalisa Ambrosino, Alessandra Fusco, Fabiana Napolitano

FREE REGISTRATION

OFFICIAL LANGUAGE: Italian/English

New Congress S.r.l. (Provider ECM n. 1065) ha accreditato l'evento secondo il Programma Nazionale di Educazione Continua in Medicina con il rilascio di **nr. 12 crediti formativi ECM**



Campania FESR 2014/2020 "Realizzazione di Servizi di Ricerca e Sviluppo per la Lotta contro il COVID-19" CUP B63C22001230002



## PROGRAMMA

GIOVEDÌ 14 SETTEMBRE 2023

15.00-18.30 Registration

### PRE-CONGRESSUAL SESSION: SCIENCE WITHOUT BORDERS

Moderators: Maria Rosaria Catania, Marina Di Domenico, Giovanna Donnarumma, Rita Greco

15.00-15.30: Francesca Pentimalli (Bari)

"PDL-1 has cell autonomous roles in pleural mesothelioma"

15.30-15.45: Roberta Della Marca (New York/Naples)

"Humanized monoclonal antibody targeting a pre-fusion domain of the viral fusion protein stabilizes the extended state of the measles viral fusion process"

15.45-16.00: Alessandra Fusco (Naples)

"The role of *Lactobacillus* spp. in urinary tract infections sustained by *Proteus mirabilis*"

16.00-16.15: Annalisa Ambrosino (Naples)

"*Galdieria sulphuraria*: an extremophilic alga as a source of antiviral bioactive compounds"

### SESSION 1: AMR ON A ONE-HEALTH PLANET

Moderators: Nicola Coppola, Ugo Pagnini, Alessandro Perrella

16.15-16.45: Stefania Stefani (Catania)

"The holistic view of the One-Health approach in the AMR field"

16.45-17.15: Luigi Bonizzi (Milan)

"A one-health approach to control antibiotic resistance in animal productions and the environment"

17.15-17.30: Mariano Bernardo (Naples) - "Microbial epidemiology: a tool for antimicrobial stewardship"

17.30-17.45: Valentina Iovane (Naples)

"Surveillance and control of multiresistant bacteria in the milking room: a One-Health approach in buffalo breeding"

17.45-18.00: Francesco Foglia (Naples)

"Impact of Antimicrobial Diagnostic Stewardship on bloodstream infections and antibiotic resistance patterns"

18.00-18.30 Coffee Break

18.30-19.00 Meeting Presentation & Welcome address

Giovanni Francesco Nicoletti ( Rettore dell'Università degli Studi della Campania "L. Vanvitelli")  
Antonio Postiglione ( Direttore Generale per la Tutela della salute e il Coordinamento del Sistema Sanitario Regionale - Regione Campania)

Ferdinando Russo ( Direttore Generale Azienda Ospedaliera Universitaria "L. Vanvitelli");

Maria Triassi ( Presidente Scuola di Medicina e Chirurgia - Università Studi di Napoli "Federico II")

Annamaria Staiano ( Direttore del Dipartimento di Scienze Mediche Traslazionali - Università degli Studi di Napoli "Federico II")

Marcellino Monda ( Direttore del Dipartimento di Medicina Sperimentale - Università degli Studi della Campania "L. Vanvitelli")

### MaBS MICROBIOLOGY AWARD LECTURE

Moderators: Massimiliano Galdiero, Giuseppe Portella

19.00-19.45: Guido Antonelli (Rome)

"Virus spillover"

VENERDÌ 15 SETTEMBRE 2023

### SESSION 2: EXPLORATIONS IN MOLECULAR BIOLOGY AND GENETICS

Moderators: Michele Caraglia, Umberto Galderisi, Vincenzo Nigro

09.00-09.30: Davide Cacchiarelli (Naples)

"Genomics profilings in health and disease"

09.30-10.00: N. Valerio Dorrello (New York)

"Bioengineering approaches for lung repair"

10.00-10.15: Chiara Papulino (Naples) - "Breast cancer multi-omics characterization points to metabolic features as acquired traits of resistance"

10.15-10.30: Marco Bocchetti (Naples)

"MiR423-5p/Malat-1 loop as a new tool for therapeutic intervention in hepatocarcinoma"

10.30-10.45: Sergio D'Ambrosio (Naples)

"Biosynthesis of exopolysaccharides and cellular interactions"

### SESSION 3: VIRUS-HOST CELL INTERACTIONS: FROM PATHOGENESIS TO INTERVENTIONAL STRATEGIES IN THE PANDEMIC ERA

Moderators: Mariailuisa Balestrieri, Annalisa Capuano, Chiara Schiraldi

11.00-11.30: Matteo Porotto (New York/Naples)

"Intranasal fusion inhibitory lipopeptide to prevent SARS-CoV-2 transmission"

11.30-12.00: Mirko Cortese (Naples)

"Molecular and structural characterization of SARS-CoV-2 cellular remodeling"

12.00-12.15: Carla Zannella (Naples)

"Viral fusion proteins and their inhibition"

12.15-12.30: Concetta Rafaniello (Naples)

"Antivirals use in pandemic era: what have we learnt?"

12.30-12.45: Guido Papa (Cambridge)

"Home sweet home: assembly and functions of Rotavirus replication factories"

13.00-14.30 Lunch and scientific visit to Vanvitelli MUSA Anatomical Museum

### SESSION 4: UNDERSTANDING THE RELATIONSHIP BETWEEN VIRUSES AND CANCER

Moderators: Maurizio Bifulco, Antonio Giordano, Giuseppe Paolisso

14.30-15.00: Giuseppe Portella (Naples)

"Virotherapy: new opportunities for an old approach"

15.00-15.15: Laura Mosca (Naples)

"S-adenosylmethionine, a promising antitumor agent in glioblastoma"

15.15-15.30: Chiara Giubbi (Milan)

"Innovative biomarkers of HPV-related cancers"

15.30-15.45: Fabiana Napolitano (Naples)

"Efficacy of oncolytic adenovirus dI922-947 in triple-negative breast cancer cell lines"

15.45-16.00: Elisa Marino (Naples)

"Mitochondrial Sirtuins: metabolic targets in colorectal cancer"

16.00-16.15: Caterina de Luca (Naples)

"Preanalytical of HPV DNA testing on cervical cytological specimens"

### SESSION 5:

#### MICROBIOLOGICAL DIAGNOSIS AND PUBLIC HEALTH

Moderators: Italo Francesco Angelillo, Emanuele Miraglia Del Giudice, Ivan Gentile

16.15-16.45: Tiziana Lazzarotto (Bologna)

"Epidemiology and clinical course of acute viral respiratory infections in pediatric and adult patients: a reference diagnostic center real-life."

16.45-17.15: Maria Pavia (Naples)

"Viral diseases assessment and prevention in disadvantaged populations: the case of detained people"

17.15-17.30: Pierluigi Marzuillo (Naples)

"Pediatric urinary tract infections"

17.30-17.45: Maria Teresa Della Rocca (Caserta)

"SARS-CoV-2, Influenza A/B and RSV rapid differential diagnosis in pediatric patients"

17.45-18.15 Coffee Break

### CLOSING LECTURE: MaBS AWARD FOR WOMEN LEADERS IN BIOMEDICAL SCIENCE

Moderators: Lucia Allucci, Massimiliano Galdiero

18.15 - 18.45 Chiara Schiraldi (Naples)

"Research and development a personal experience: trying to fill a gap between University and industry"

### AWARDING OF PRIZES

Presented by: Anna De Filippis, Gabriella Di Giuseppe, Annamaria Malfitano, Daniela Terracciano