

**MaBS**  
Workshops

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

**V** • Università  
degli Studi  
della Campania  
*Luigi Vanvitelli*

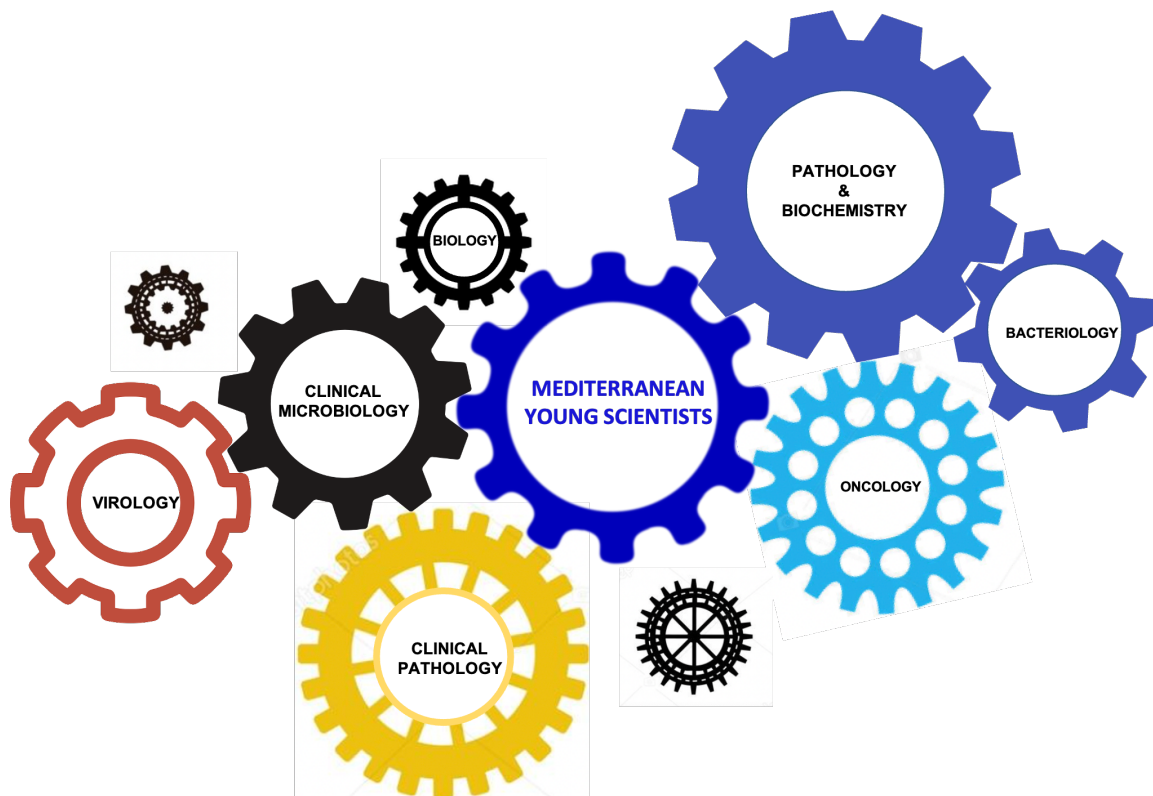
Scuola di Medicina e Chirurgia  
*Dipartimento di Medicina  
Sperimentale*



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**

Dipartimento di Scienze Mediche Traslazionali

## 2° Life Sciences Mediterranean Meeting 14-15/09/2023



### CONGRESS VENUE

Aula Magna - Complesso Monumentale Santa Patrizia  
Università degli Studi della Campania "L. Vanvitelli" - Napoli  
14<sup>th</sup>-15<sup>th</sup> September 2023 – 15:00



Dear colleagues,

On the wave of last year success, we are pleased to announce the 2nd Life Sciences Meeting of the Mediterranean Association for Biomedical Sciences, which will be held in Naples on 14<sup>th</sup> and 15<sup>th</sup> September 2023.

This International Workshop is open to scientists from all biomedical disciplines involved in innovative research with particular attention to PhD students, specialty trainees, postdoctoral scientists and researchers who feel young. This meeting represents a unique opportunity for young scientists and researchers, as well as their lines of research, to gain visibility, to share knowledge with each other and to promote meaningful interactions to facilitate future projects and collaborations in a complex territory such as the geographical area around the Mediterranean Sea. Furthermore, this experience will inspire the development of new research programs for PhD and Specialization Courses students and create the opportunity to participate in regional, national, and international funding calls. Young scientists will play represent more than half of the scientific content of the workshop.

Registration is free; however, the conference will host a maximum of 120 participants. Please share this invitation with anyone who may be interested in attending.

Sincerely,  
Meeting Presidents

Massimiliano Galdiero

Giuseppe Portella



## PROGRAMME

**Giovedì 14/09/2023**

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 “Luigi 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 “Luigi Vanvitelli”)

[Maria Triassi](#) (Presidente della Scuola di Medicina e Chirurgia - Università degli 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 “Luigi Vanvitelli”)



## MaBS MICROBIOLOGY AWARD LECTURE

Moderators: [Massimiliano Galdiero](#), [Giuseppe Portella](#)

19.00 – 19.45

[Guido Antonelli \(Rome\)](#) - “Virus spillover”

## Venerdì 15/09/2023

### 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: [Marialuisa 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 remodelling”

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 dl922-947 in triple-negative breast cancer cell lines"

15.45 - 16.00

[Elisa Martino \(Naples\)](#) - "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 Altucci](#), [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](#)

2° Life Sciences *MaBS* Award

## SEGRETERIA SCIENTIFICA

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

## PROVIDER ECM



New Congress - Events & Communication  
Indirizzo: Corso Sant'Agata, 61/n, 80061 Massa Lubrense (NA) Italy  
Telefono / Fax: +39 081 878 05 64  
E-mail: [info@newcongress.it](mailto:info@newcongress.it)

## GENERAL INFORMATION

### REGISTRATION

Free registration. Click [here](#) for the online registration

### CERTIFICATE OF PARTICIPATION

After the congress we will send you the certificate of participation by e-mail within the next two weeks.

### OFFICIAL LANGUAGE

Italian/English

### SLIDE CENTRE

Laptops will not be connectable directly to the projector in the Lecture room. Speakers are invited to use PowerPoint and will have to deliver their material on a USB (pen drive) before the session starts.

### GUIDELINE FOR SPEAKERS AND MODERATORS

#### Moderators are requested to:

- Be in the lecture room before the start of the session.
- Strictly respect the times assigned to the session and to individual presentations.

#### Speakers are requested to:

- Deliver their materials to the Slide Centre in advance, preferably before the start of the meeting or at the least at the beginning of the day.
- Be in the lecture room before the start of the session.

## ECM (Educazione Continua in Medicina)

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** per le seguenti figure professionali:

- Medico-chirurgo (discipline: biochimica clinica, chirurgia generale, chirurgia pediatrica, farmacologia e tossicologia clinica, Igiene, epidemiologia e sanità pubblica, malattie infettive, medicina dello sport, microbiologia e virologia, oncologia, patologia clinica, pediatria)
- Biologo
- Farmacista
- Infermiere
- Odontoiatra
- Tecnico sanitario laboratorio biomedico
- Veterinario

WE THANK



for supporting the event



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