

SESSION 1

EMERGING VIRAL INFECTIONS

Moderators: [Mirko Cortese](#), [Anna De Filippis](#), [Simona De Grazia](#)

12.00-12.20

Autochthonous Dengue: a new frontier in Arbovirus surveillance

[Fabrizio Maggi](#)

12.20-12.40

Arboviral diseases on the rise: towards an integrated surveillance strategy

[Claudio de Martinis](#)

12.40-13.00

Implementing an integrated system to enhance global surveillance of emerging and reemerging viral threats

[Marta Giovanetti](#)

13:00-13.20

Cutting-edge biosensors for viral infection detection

[Federica Passeggio](#)

13.20-13.40

Exploiting viral glycoproteins as antiviral agents

[Roberta Della Marca](#)

13:40-14:30 Lunch

SESSION 2

CANCER IN HUMANS AND ANIMALS

Moderators: [Raffaele Addeo](#), [Lucia Altucci](#), [Salvatore Di Maro](#)

14.30-14.50

Role of the tumor microenvironment in sensitivity to immunotherapy

[Stefania Scala](#)

14.50-15.10

Comparative oncology and One Health: how veterinary pathology advances translational research

[Orlando Paciello](#)

15.10-15.30

Microenvironment-mediated mitochondrial transfer modulates breast cancer cells' fitness

[Vitale Del Vecchio](#)



08.00 Registration

PRE-CONGRESSUAL SESSION

SCIENCE WITHOUT BORDERS

Moderators: [Gianluigi Franci](#), [Serena Montagnaro](#), [Carla Zannella](#)

08.30-08.45

New Self-assembled nanocomplex for delivery of miRNA through blood brain barrier in glioblastoma models

[Marianna Abate](#)

08.45-09.00

The recent discovery of KNR50: a multifunctional bioactive peptide hidden in bovine milk

[Andrea Bosso](#)

09.00-09.15

Herbs for Herds: how medicinal plants can boost animal and human health

[Piera Iommelli](#)

09.15- 09.30

Pantiniins as a novel strategy against animal and human pathogens

[Rosa Giugliano](#)

09.30-09.45

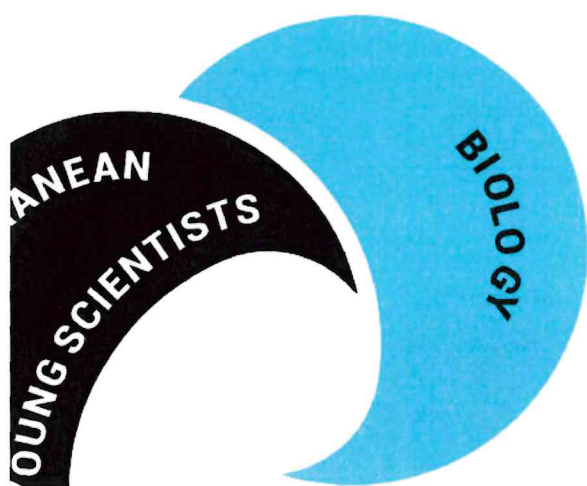
Vectors and vector-borne parasites: risks to human health

[Maria Paola Maurelli](#)

09.45-10.00

Exposure to an electric field affects biofilm susceptibility to antibiotics

[Emanuela Roscetto](#)



10.00- 11.00

MEETING PRESENTATION & WELCOME ADDRESS

Giovanni Francesco Nicoletti

Rettore dell'Università degli Studi della Campania Luigi Vanvitelli

Matteo Lorito

Rettore dell'Università degli Studi di Napoli Federico II

Antonio Postiglione

Direttore Generale per la Tutela della Salute e il Coordinamento del Sistema Sanitario Regione Campania

Michele Valentino Chiara

Responsabile Settore Prevenzione Collettiva e Sanità Pubblica Veterinaria

Mario Iervolino

Direttore Generale AOU Luigi Vanvitelli

Giuseppe Iovane

Direttore Generale dell'Istituto Zooprofilattico Sperimentale del Mezzogiorno

Silverio Perrotta

Direttore Dipartimento della Donna, del Bambino e di Chirurgia Generale e Specialista Università degli Studi della Campania Luigi Vanvitelli

Pietro Formisano

Direttore Dipartimento di Scienze Mediche Traslazionali - Università degli Studi di Napoli Federico II

Marcellino Monda

Presidente del Corso di Laurea in Medicina e Chirurgia- Università degli Studi della Campania Luigi Vanvitelli

MaBS AWARD LECTURE FOR SCIENTIFIC IMPACT

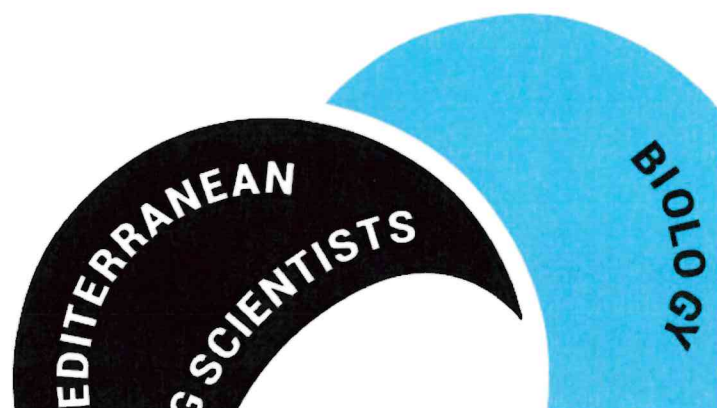
Moderators: Massimiliano Galdiero, Giuseppe Iovane

11.00-11.30

The science of the host virus network

Carlo Federico Perno

11.30-12.00 Coffee Break



15.30-15.50

The FBXL10-RNF68-RNF2 ubiquitin ligase complex as a potential therapeutic target in pediatric high-grade glioma

Domenico Roberti

15.50-16.10

miR-223: a new target for head and neck squamous cell carcinoma

Michela Falco

SESSION 3

BACTERIAL INFECTIONS AND ANTIMICROBIAL RESISTANCE

Moderators: Maria Rosaria Catania, Ester De Carlo, Giovanna Donnarumma

16.10-16.30

Epidemiology and impact of antimicrobial resistance on human health

Alberto Antonelli

16.30-16.50

Antimicrobial resistance in the community setting: the other side of the coin

Luigi Principe

16.50-17.10

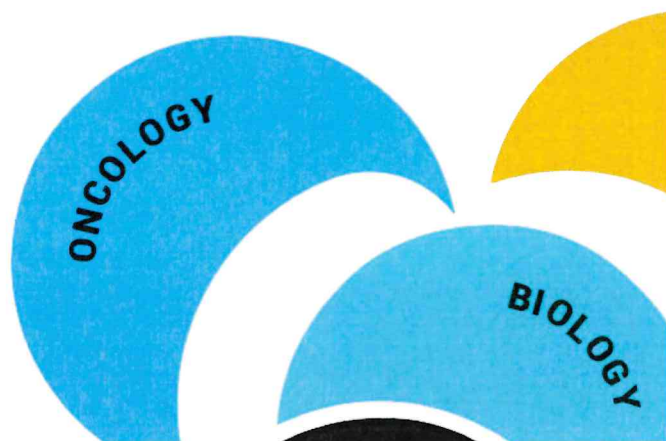
Inter-species transmission of Staphylococcus spp between dogs and owners

Francesca Paola Nocera

17.10-17.30

From local evidence to integrated perspectives: facing AMR at the University Hospital Vanvitelli

Annalisa Ambrosino



SESSION 4

PARASITIC INFECTIONS, FOOD AND ALLERGENS

Moderators: Vincenzo Patella, Caterina Sagnelli, Chiara Schiraldi

09.00-09.20

The relationship between parasitic infections and allergies

Michele Miraglia del Giudice

09.20-09.40

One Health in parasitology: an integrated approach to global health

Laura Rinaldi

09.40-10.00

Diagnostic of allergic diseases

Nunzia Montuori

10.00-10.20

One Health and food safety: understanding the connections

Aniello Anastasio

10.20-10.40

Waste into value: sustainable production of plant growth-promoting bacteria and their metabolites with potential biotechnological applications

Donatella Cimini

SESSION 5

CLIMATE AND ENVIRONMENTAL HAZARD EXPOSURE IN HUMANS AND ANIMALS

Moderators: Italo Francesco Angelillo, Francesco Beguinot, Giuseppe Paolisso

10.40-11.00

Climate change - consequences and effects

Ufficiale dell'Aeronautica Militare - Servizio Meteorologico

11.00-11.20

Oncologic disease and environment

Antonio Giordano

11.20-11.40

Microplastics and human diseases

Raffaele Marfella

11.40-12.00

The surveillance of antimicrobial resistance in bacterial pathogens from animal primary productions in Italy: a One-Health perspective

Antonio Battisti



2.00.12.20
Wastewater as a sentinel system: uncovering Echovirus 11 lineage
in Sicily

Floriana Bonura

12.20.12.40

Climate-sensitive health risks: resilience is One Health

Roberta Astorri

12.40 - 13:30 Lunch

SESSION 6

METABOLIC DISORDERS IN HUMANS AND ANIMALS

Moderators: Maria Luisa Balestrieri, Katherine Esposito, Severina Pacifico

13.30-13.50

The role of adipose tissue in inflammation

Pietro Formisano

13.50-14.10

Nutraceutical approach in metabolic diseases

Maria Daglia

14.10-14.30

Feeding systems to improve animal health, milk nutritional characteristics, and to reduce environmental impact

Federico Infascelli

14.30-14.50

The orexinergic regulation of the autonomic nervous system and energy expenditure

Giovanni Messina

CLOSING LECTURE: MaBS AWARD LECTURE FOR EXCELLENCE IN SCIENCE

Moderators: Giuseppe Portella, Michele Caraglia

15.00-15.30

Transglutaminase type 2: the epigenetic face of a cytoplasmic enzyme

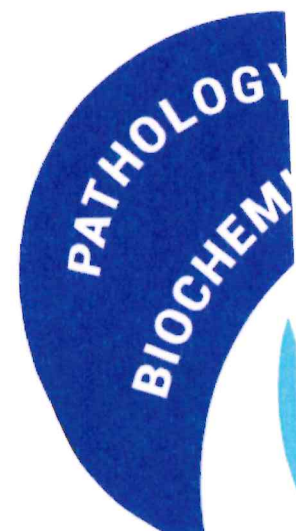
Mauro Piacentini

15.30-16.00

AWARDING OF PRIZES

3° Life Sciences MaBS Award

Presented by: Anna De Filippis, Sivia Zappavigna, Daniela Terracciano



VirSudNet Project Symposia

National projects on novel pathogenetic and therapeutic approaches
Presentation: [Massimiliano Galdiero](#)

16:00-17:00

Artificial Intelligence-based Dengue virus infection predictor
(*AI-DENInfect*)

AI-DENInfect update and results

Summary: [Vito Antonio Bevilacqua](#)

Discussion and Perspectives:

[Massimiliano Galdiero](#), [Davide Cacchiarelli](#), [Matteo Porotto](#), [Anna De Filippis](#),
[Carla Zannella](#), [Beatrice Salvatori](#), [Walter Sanseverino](#), [Annalisa Chianese](#),
[Francesca Palma](#), [Roberta Della Marca](#)

17:00-18:00

Enforcing the therapeutic arsenal against emerging and
reemerging RNA viruses (*Etheraserv*)

Etheraserv update and results

Summary: [Simona De Grazia](#)

Discussion and Perspectives:

[Francesca Marino Merlo](#), [Anna De Filippis](#), [Annalisa Chianese](#),
[Antonio Mastino](#), [Emilia Palazzotto](#), [Valeria Stefanizzi](#)

SEGRETERIA ORGANIZZATIVA

[Anna De Filippis](#), [Annamaria Malfitano](#), [Daniela Terracciano](#), [Emiliana
Finamore](#), [Carla Zannella](#), [Annalisa Chianese](#), [Rosa Giugliano](#), [Annalisa
Ambrosino](#), [Fabiana Napolitano](#)

