

SPEAKERS & CHAIRS list

Dora Brites University of Lisbon

Marco Catto University of Bari

Marco Matteo Ciccone University of Bari

Maria Lucia Curri University of Bari and CNR IPCF

Nicoletta Depalo CNR IPCF

Giuseppe Gigli University of Lecce and CNR NANOTEC

Angela Maria Serena Lezza University of Bari

Grazia Maria Liuzzi University of Bari

Giancarlo Logroscino University of Bari and P.F. Panico, Tricase

Gabriele Maiorano CNR NANOTEC Lecce

Rita Mastrogiacomo University of Bari and CNR IPCF

Arben Merkoci ICN2 Barcelona

Ilaria Elena Palamà CNR NANOTEC

Guadalupe Soria Rodriguez University of Barcelona

Mariagrazia Rullo University of Bari

Chiara Zecca P.F. Panico, Tricase

Info

WORKSHOP VENUE

15th September 2022

Bari, Lecture Hall "Aldo Cossu" - Palazzo Ateneo, University of Bari "Aldo Moro"

16th September 2022

Bari, Lecture Hall - Department of Biosciences, Campus University of Bari "Aldo Moro"

ORGANIZING SECRETARY



ITALIANA
CONGRESSI
e formazione

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Biomad Workshop is an **ecologically sustainable, green event**:



the materials used for the workshop (pens, paper, folders, etc.) are **recyclable/recycled products**;



disposable plastic is not be used, e.g. eco-friendly thermal bottles that will be distributed, as gift, to the participants;



suppliers selected are locals, as well as the products for coffee break and lunch ("0 km" and seasonal food).



P.F. FONDAZIONE DI CULTO E RELIGIONE CARL. G. PANICO
A z i e n d a O s p e d a l i e r a

BIOMAD workshop

BARI
15-16 SEPT. 2022



BIOMAD WORKSHOP PROGRAM

15th Sept. 2022

Bari, Lecture Hall "Aldo Cossu" - Palazzo Ateneo, University of Bari "Aldo Moro"

12.30 Registration

14.00 OPENING LECTURE

Relevance of biological markers for AD diagnosis
Prof. Giancarlo Logrosicino

THE BIOLOGICAL APPROACH TO AD DIAGNOSIS

Chairpersons: **Prof. Angela M.S. Lezza**
Prof. Grazia M. Liuzzi

14.30 IL1 - The necessity of an animal model of AD (Rat TgF344-AD)

Prof. Guadalupe Soria Rodriguez

15.00 IL2 - Therapeutic potential of small extracellular vesicle-mediated miRNAs in AD

Prof. Dora Brites

15.30 OP1 - Mitochondrial derangement and inflammasome activation as early biomarkers of AD

Prof. Angela M.S. Lezza

15.50 OP2 - Cardiac involvement in AD

Prof. Marco Matteo Ciccone

16.10 Coffee break

MATERIALS AND TECHNOLOGIES FOR AD DIAGNOSIS AND THERAPY

Chairpersons: **Prof. Maria Lucia Curri**
Prof. Giuseppe Gigli

16.30 IL3 - Nanobiosensors for diagnostics

Prof. Arben Merkoci

17.00 IL4 - Perspectives in biomarkers of neurodegeneration for clinic and therapy

Dr. Chiara Zecca

17.30 OP3 - Novel anti-AD agents: from multitarget design to nanoformulation

Prof. Marco Catto, Dr. Nicoletta Depalo

17.50 OP4 - Modular non-viral nanovectors for safe and efficient gene delivery

Dr. Ilaria Elena Palamà

18.10 JP1 - Multitarget-directed ligands: small molecules for big challenges

Dr. Mariagrazia Rullo

18.20 JP2 - Nanovectors for the delivery of anti-AD agents: design, preparation and characterization

Dr. Rita Mastrogiacomo

18.30 JP3 - Therapeutic and diagnostic nanoparticle-based solutions for overcoming blood-brain barrier

Dr. Gabriele Maiorano

18.40 Closing remarks

20.30 Dinner

abbreviations

IL - Invited lecture (30 minutes)

OP - Oral presentation (20 minutes)

JP - Junior scientist flash presentation (10 minutes)

MEETING PROGRAM

RESERVED TO
MEMBERS OF
BIOMAD CONSORTIUM
AND SPEAKERS

16th Sept. 2022

Bari, Lecture Hall - Department of Biosciences, Campus University of Bari "Aldo Moro"

09.00 INTRODUCTORY TALK

Opportunities for a BIOMAD inspired proposal presentation within the frame of Horizon Europe "Health" Calls for proposal

09.30 DISCUSSION

Designing the BIOMAD proposal: the Consortium

10.30 Coffee break

11.00 DISCUSSION

Designing the BIOMAD proposal: the Objectives

13.00 Closing remarks

13.45 Lunch

