

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 Salento 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
- 13.45 Saluti istituzionali dell'Università degli Studi di Bari Aldo Moro
- 14.00 OPENING LECTURE
Relevance of biological markers for AD diagnosis
Prof. Giancarlo Logroscino

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. Iliaria 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

