



59° CONGRESSO AINPeNC
Associazione Italiana
Neuropatologia e Neurobiologia Clinica

49° CONGRESSO AIRIC
Associazione Italiana
per la ricerca sull'Invecchiamento Cerebrale

23- 25 MAGGIO 2024
Aula Consiliare, Fiumicino

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Francesca Fusco

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Thursday, May 23rd 2024

Training course: Artificial intelligence and new technologies

Chairs: Giovanna Cenacchi (Bologna), Sofia Asioli (Bologna)

- 9.30 Artificial intelligence and practical applications
Maurizio Gabbrielli (Bologna)
- 10.00 Artificial intelligence in neuropathology
Valeria Barresi (Verona)
- 10.30 Ethical and jurisdictional aspects of Artificial intelligence and of digital pathology
Annarita Ricci (Bologna)
- 11.00 Coffee break
- 11.30 Biocompatible and bioabsorbable Scaffolds for regenerative medicine
Paolo Netti (Naples)
- 12.00 Regenerative medicine in central and peripheral nervous system
Laura Calzà (Bologna)
- 12.30 Regenerative medicine in neuro-muscular disease
Edoardo Malfatti (Paris, F)
- 13.00 Lunch
- 13.30 Registration
- 14.00 **Congress Opening**
Chairs: Francesca Fusco (Rome), Gianluigi Zanusso (Verona)

Institutional greeting

Mario Baccini - Mayor of Fiumicino

Roberto Severini - President of the Municipal Council

Workshop 1. Neuroimmunology

Chair: Roberta Magliozzi (Verona)

- 14.30 Autoimmune responses and immunomodulating therapies in Multiple sclerosis and optic neuromyelitis
Luca Battistini (Rome)
- 14.50 Persistent EB virus infection and altered antiviral immune response in the pathogenesis of Multiple Sclerosis. From evidences to the study of therapeutical strategies
Barbara Serafini (Rome)
- 15.10 Neuropathological, molecular and clinical correlates in compartmentalized inflammatory response in Multiple Sclerosis
Roberta Magliozzi (Verona)
- 15.30 **Oral communications**
Chairs: Roberta Magliozzi (Verona), Luca Battistini (Rome)
- 16.30 Coffee break
- 17.00 **Main Lecture**
Molecular Neuropathology of TDP-43 proteinopathies: Similarities and Differences
Manuela Neumann (Tubingen, Germany)
Introduced by Giuseppe Di Fede (Milan)
- 17.45 **Lecture**
Alessandro D'Alessio, Director of the archeological park of Ostia Antica
Introduced by Francesca Fusco (Rome)
- 18.45 Welcome reception

Friday, May 24th 2024

Workshop 2 A new era in neuro-oncology: new diseases, biomarkers and therapeutical strategies in adult diffused gliomas

Chairs: Gianluca Marucci (Milan), Sofia Asioli (Bologna)

- 8.30 The role of neuropathology: integrated diagnosis
Luca Bertero (Turin)
- 8.50 The role of advanced molecular analyses: methylation profile
Evelina Miele (Rome)
- 9.10 The role of neuro-oncology
Enrico Franceschi (Bologna)
- 9.30 Discussion
- 9.45 **Slide seminar in collaboration with Gruppo Italiano di NeuroPatologia- SIAPEC**
Chairs: Valeria Barresi (Verona), Manila Antonelli (Rome)
- 9.50 Case 1
Giuseppe Broggi (Catania)
- 10.05 Case 2
Sabrina Rossi (Rome)
- 10.20 Case 3
Francesca Gianni (Rome)
- 10.35 Case 4
Marcella Callea (Milan)
- 10.50 Discussion
- 11.00 coffee break

11.30 **Oral communications**
Chairs: Marco Gessi (Rome), P. Luigi Poliani (Milan)

12.30 Lunch

**Workshop 3 Neurodegenerative disorders I -
Update on Amyotrophic Lateral Sclerosis**

Chairs: Gabriella Marcon (Trieste), Gianluigi Zanusso (Verona)

13.30 From Charcot's disease to ALS and MND: Names and Things
Liborio Di Battista (Bari)

13.50 Precision medicine in ALSL: pathogenesis and therapies
Adriano Chiò (Turin)

14.10 ALS update: animal models and considerations for a translational
medicine
Caterina Bendotti (Milan)

14.40 ALS and hydrogen sulphide
Patrizia Longone (Rome)

**Workshop 4 Neurodegenerative disorders II -
Frontotemporal dementia**

Chairs: Giuseppe Di Fede (Milan), Giorgio Giaccone (Milan)

15.00 The genetic landscape of Frontotemporal Dementia
G. Rossi (Milan)

15.20 Frontotemporal dementia: clinical phenotypes/neuroimaging
pictures
D. Saracino (Paris, France)

15.40 The neuropathology of Frontotemporal Lobar Degeneration
Giorgio Giaccone (Milan)

16.00 Discussion

16.15 Coffee Break

Workshop 5 Nutritional neurology: flashing lights, dark shadows, and future perspectives

in collaboration with Coordinamento Napoletano Donne della Scienza

Chairs: Giovanna Cenacchi (Bologna), Gabriella Marcon (Trieste)

- 16.45 Inborn errors of metabolism in the 21st century: is diet therapy still useful?
Marina Melone (Naples)
- 17.05 Environmental neurotoxins: what do we know so far?
V. Costantino (Naples)
- 17.25 Nanodelivery of nutraceuticals and drugs in neurological diseases: Synergy at the interface of chemistry-nanotechnology
C. Riccardi (Naples)
- 17.45 Discussion
- 18.00 **Oral communications**
Chairs: Giovanna Cenacchi (Bologna), Gabriella Marcon (Trieste)
- 19.00 Assembly of the association with greetings of EURO CNS
- 20.30 Social dinner

Saturday, May 25th 2024

8.30 **Oral communications**

Chairs: Gianluigi Forloni (Milan), Marina Melone (Naples)

Workshop 6 - Brain aging and dementia: physiological and pathological events

Chairs: Gianluigi Forloni (Milan), Marina Melone (Naples)

9.30 Presenilin mutations in Alzheimer's disease: loss of function, what kind of function?

C. Russo (Campobasso)

9.50 Intestinal microbiota: an emerging target in brain aging

P. Brigidi (Bologna)

10.10 Aging and dementia: the role of inflammation

Gianluigi Forloni (Milan)

10.30 Discussion

10.45 Coffee break

11.15 **Oral communications**

12.15 Concluding remarks

Si comunica che per eventuali assenze dell'ultima ora nella faculty, si procederà alla sostituzione con i docenti già presenti nel programma scientifico che hanno stesso campo di competenza o, in alternativa, sarà il responsabile scientifico dell'evento a presentare la relazione.

GENERAL INFORMATION

VENUE

Comune di Fiumicino
Sala Consiliare
Piazza Generale Carlo Alberto dalla Chiesa, 78
00054 Fiumicino RM

ORGANIZING SECRETARIAT

SIENA CONGRESS

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CONGRESS SCIENTIFIC DIRECTOR

Francesca Fusco

ABSTRACT

Dedicated sessions of the Congress programme will be devoted to the presentation of scientific contributions relevant to the proposed thematic sessions/workshops and/or the Training Course.

Please consult the abstract submission forms on the website. Abstracts, written in English, must be received by the deadline of 21 April 2024.

Submissions must be made exclusively electronically by sending the documentation to the e-mail address segreteria@neuropathology2024.sienacongress.it

CONGRESS REGISTRATION

In order to participate in the scientific work and to be able to take advantage of the foreseen facilities and/or offered services, it is necessary to register for the Congress.

Pre-registration to the Congress is possible via <https://neuropathology2024.sienacongress.it> by 13 May 2024.

After this date it will only be possible to register at the congress venue.

Congress registration gives the right to participate in the scientific work, to receive congress materials, attendance certificates and to use services provided at congress venue.

For further information on the congress, please visit www.ainpenc.it

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