



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI
SCIENZE BIOMEDICHE E NEUROMOTORIE

Under the Auspices of



SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
Azienda Unità Sanitaria Locale di Bologna

Istituto delle Scienze Neurologiche
Istituto di Ricovero e Cura a Carattere Scientifico



SYMPOSIUM

New frontiers in gliomas: from bench to bedside

Impact of new technologies and Artificial Intelligence in translational research

Bologna 22nd June 2023

Istituto di Anatomia - Aula Magna Olivo

SCIENTIFIC INFORMATION

Presidents

Lucia Manzoli, Director of the Department of Biomedical and Neuromotor Sciences, University of Bologna

Raffaele Lodi, Scientific Director of the IRCCS, Institute of Neurological Sciences of Bologna

Scientific Committee

Enrico Franceschi, Head of the UOC of Oncology of the Nervous System, IRCCS, Institute of Neurological Sciences of Bologna

Stefano Ratti, Head of the Cellular Signaling Laboratory, Department of Biomedical and Neuromotor Sciences, University of Bologna



PROGRAM

9:30 Participants Registration and Welcome Coffee

10:00 Welcome addresses and introduction
Lucia Manzoli
Raffaele Lodi

Special Symposium Lecture

10:15 Targeting the RNA Epitranscriptome in adult and pediatric brain tumors
Nikos Tapinos, Brown University (Providence, Rhode Island - USA)

1st SESSION

Biomedical and surgical advances in gliomas

Chairs: Valerio Carelli, Matteo Zoli

- 10:45** Translational research approaches in gliomas: from gross anatomy to molecular biology
Stefano Ratti, University of Bologna
- 11:00** New techniques and new paradigms in neurosurgery: better cure & better tissue for diagnosis and research
Diego Mazzatenta, University of Bologna
- 11:15** Extracellular vesicles in gliomas
Franz Lennard Ricklefs, University Medical Center (Hamburg, Germany)
- 11:30** Genetics and epigenetics of glioma
Luca Morandi, University of Bologna
- 11:45** Tumor microenvironment and Glioblastoma
Anna Tesei, Romagna Scientific Institute for the Study and Treatment of Tumors, Meldola (FC)
- 12:00** Discussion
- 12:30** Light Lunch

2nd SESSION

Clinical and technological advances in gliomas

Chairs: Raffaele Agati, Maria Pia Foschini

- 13:00** Radiomics: images are not pictures but data
Caterina Tonon, University of Bologna
- 13:15** Cyberknife: a paradigm shift for brain tumor treatment?
Alfredo Conti, University of Bologna
- 13:30** Multiomics Big Data integration for an holistic pathway of care
Enrico Giampieri, University of Bologna
- 13:45** Cineca's experience with Big Data in supporting research
Sanzio Bassini, Elisa Rossi, CINECA Bologna
- 14:00** Old treatments for new entities, new treatments for old biomarkers
Sofia Asioli, University of Bologna
Enrico Franceschi, IRCCS Institute of Neurological Sciences of Bologna
- 14:15** Discussion
- 14:30** Final comments and acknowledgments
- 14:45** Guided tour of the "Luigi Cattaneo Wax Museum"



INFORMATION

Meeting Venue

Istituto di Anatomia
Aula Magna Olivo
Via Irnerio 48 - Bologna (Italy)

Registration

Registration is free of charge.

In order to register, please fill in the on line registration form at www.mccstudio.org (*Congress section*) by 15th June, 2023

Organizing Secretariat



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