



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** 22<sup>nd</sup> 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)*

## 1<sup>st</sup> 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, IRCCS Istituto Romagnolo per lo Studio dei Tumori (IRST) "Dino Amadori", Meldola (FC)*
- 12:00** Discussion
- 12:30** Light Lunch

## 2<sup>nd</sup> 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](http://www.mccstudio.org) (*Congress section*) by 15<sup>th</sup> June, 2023

## Organizing Secretariat



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