

INTRACRANIAL GLIOMA WORKSHOP: FROM A TO Z

21 22 **MAY**
23 24 2025 ATHENS, GREECE

VENUE **ROYAL OLYMPIC HOTEL**

SECRETARIAT

INTERNATIONAL PROGRAM APPROVAL

SCIENTIFIC AND EDUCATIONAL CONTENT ENDORSED BY

UNDER THE AUSPICES:



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American
Association of
Neurological
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THE EUROPEAN ASSOCIATION
OF NEUROLOGICAL SOCIETIES





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Wednesday, 21 May 2025

08:15 – 08:30

Registrations

08:30 - 08:45

Welcome - Greetings

Session I

Epidemiological and Histopathological Characteristics of Gliomas

Moderators: **K. Fountas, L. Stavrinou**

08:45 - 09:05

The molecular profile of gliomas and Genetic Pathways – **V. Metaxa-Mariatou**

09:05 - 09:25

Histopathological considerations and classification – **T. Maragkou**

09:25 - 09:40

The role of molecular profiling in glioma classification – **T. Maragkou**

09:40 - 10:00

Biological Markers of gliomas & liquid biopsy – **G. M. Della Pepa**

10:00 - 10:30

The impact of novel biomarkers in clinical studies – **S. Short**

10:30 - 10:45

Commentary – Discussion – **E. Kapsalaki**

10:45 – 11:15

Coffee Break

Session II

Basic Diagnostic Approach of Patients with Gliomas

Moderators: **D. Kozić, J. Boban, M. Simon**

11:15 - 11:30

Conventional MRI in the initial diagnosis – **E. Kapsalaki**

11:30 – 11:45

Perfusion methods in Gliomas – **E. Papadaki**

11:45 - 12:05

MR Spectroscopy – **E. D. Gotsis**

12:05 - 12:35

fMRI – Basics and how I do it – **H. Sair**

12:35 - 12:55

Tumor mimics – **D. Kozić**

12:55 - 13:15

Commentary – Discussion – **M. Berger, M. Simon**



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13:15 – 15:00 Luncheon Seminar & Workshop

Lecture: Neuro MR Imaging: New Technologies and Techniques –
Azim Celik

Workshop: Advanced Neuro Magnetic Resonance Imaging (MRI)

15:00 – 15:15 **Coffee Break**

Session III Advanced Diagnostic Approach of Patients with Gliomas

Moderators: **E. Papadaki, A. Zikou**

15:15 - 16:00 Applied fMRI in brain tumors – **H. Sair**

16:00 - 16:15 Artificial intelligence-based synthesis of contrast enhanced MRI in gliomas – **D. Gkotsis**

16:15 - 16:35 The role of the medical physicist – **I. Tsougos**

16:35 - 17:05 Radiomics / Radiogenomics – **N. Papanikolaou**

Lecture

17:05 - 17:35 Novel Treatments – **P. Wen**

Session IV Interesting Cases

Moderators: **F. DiMeco, E. Kapsalaki**

17:35 - 19:00 **P. Schucht, K. Fountas, D. Netuka
M. Thurnher, H. Sair, G. Velonakis**



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Thursday, 22 May 2025

Session V	Preoperative Evaluation and Planning
Moderators: T. Palaiologos, P. Schucht	
08:00 - 08:20	Cortical Functional Anatomy – S. Lafazanos
08:20 - 08:40	f-MRI – Identification of eloquent cortex – H. Sair
08:40 - 09:10	Glioma cell derived circulation biomarkers: Developments for non-invasive diagnosis and therapy tracking – M. Westphal
09:10 - 09:30	APTw imaging in brain tumors – P. Sundgren
09:30 - 09:50	Integration of imaging data in surgical planning – A. Kalyvas
09:50 - 10:10	Interesting Cases – M. Thurnher
10:10 - 10:40	Coffee break
Session VI	Surgical Management
Moderators: N. Foroglou, L. Stavrinou	
10:40 - 11:10	Advanced techniques for total resection – H. Duffau
11:10 - 11:40	Preoperative brain mapping for surgery of brain tumors in eloquent areas – G. Raffa
11:40 - 12:10	Role of neuronavigation, intraoperative high field MRI and 3D US in glioma surgery – D. Netuka
12:10 – 13:45	Workshops
13:45 - 14:45	Light Lunch



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Session VII Surgical management – Special Surgical Techniques

Moderators: K. Fountas, P. Stavrinou

- 14:45 – 15:15 Basic principles of glioma resection – **M. Sabel**
- 15:15 - 16:00 Awake craniotomy for glioma resection – **M. Berger**
- 16:00 - 16:30 Supramarginal glioma resection – **H. Duffau**
- 16:30 - 17:00 Advanced cortical mapping techniques – **Z. Ram**
- 17:00 - 17:30 LEATs (Long term epilepsy associated tumours) – **M. von Lehe**
- 17:30 – 18:30** **Video Session: How I do it**
Moderators: K. Fountas, G. Alexiou
- Panel:** M. Berger, H. Duffau, Z. Ram, M. Sabel



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Session VIII

Pediatric Gliomas

Moderators: **P. Sundgren**, **M. Argyropoulou**

- 08:30 – 08:50 WHO classification of gliomas in children – **T. Maragkou**
- 08:50 – 09:30 Pediatric Glioneuronal tumors new and distinctive – **M. Silvera**
- 09:30 – 10:00 Routine and advanced techniques of pediatric Gliomas – **A.-E. Goldman-Yassen**
- 10:00 – 10:30 Neuroimaging of pediatric high-grade gliomas – **S. Palasis**
- 10:30 – 10:50 Neurovascular Complications in pediatric Gliomas – **B. Philbrook**
- 10:50 – 11:10 Surgical resection techniques – **P. Schucht**
- 11:10 – 11:20 The role of anti-seizure medication (ASMs) – **O. Schijns**
- 11:20 – 11:40 Commentary – **M. Broekman & S. Palasis**
- 11:40 - 12:00 **Coffee Break**

12:00 – 13:15

Workshop

13:15 - 14:15

Lunch Break

Session IX

Advanced Techniques in Intraoperative Guidance

Moderators: **S. Boviatsis**, **S. Korfias**

- 14:15 – 14:35 Neurocognitive outcome of Glioma patients – **M. Broekman**
- 14:35 – 14:55 Onco-functional Outcome in Glioma Surgery: the “gold standard” – **I. Solaroğlu**
- 14:55 – 15:25 An electrophysiological survival guide in Glioma surgery – **F. Sala**



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15:25 – 15:55 Satellite Lecture

Session X What's coming down the pike

Chairs: O. Schijns, I. Seimenis

15:55 – 16:25 Translational Research in Glioma – E. Antonio Chiocca

16:25 – 16:45 Microtumor Environment – G. M. Della Pepa

16:45 – 16:55 Chemical exchange saturation transfer (CEST) – I. Ioannidis

16:55 – 17:05 The next generation of nanomedicine – D. Despotopoulou

17:05 – 17:20 New targets in glioma – S. Short



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Saturday, 24 May 2025

08:30 – 09:30 Lecture & Workshop

08:30 – 08:40 Lecture

08:40 – 09:25 Workshop

Session XI Adjuvant treatment

Moderators: K. Barkas, A. Zygogianni

09:30 – 09:50 Neurocognition and gliomas – E. Liouta

09:50 – 10:10 Advanced post-operative imaging and treatment response – V. Katsaros

10:10 – 10:30 Radiation treatment – C. Boskos

10:30 – 10:50 Stereotactic radiosurgery – M. Piperis

10:50 – 11:35 Systemic therapy – E. Razis

11:35 – 12:00 A sarterian view on the clinical research for treatment of GBM – Z. Ram

12:00 – 12:20 The adverse effects of radiotherapy on healthy brain – J. Boban

Session XII Challenging Cases submitted by the participants

Moderators: E. Kogias, A. Kalyvas

12:20 – 13:20 Panel: M. Berger, P. Schucht, Z. Ram, M. Sabel, F. DiMeco

13:20 Closing Remarks