

# INTRACRANIAL GLIOMA WORKSHOP: FROM A TO Z

09  
10  
11  
**MAY**  
2019

VENUE **ROYAL OLYMPIC HOTEL**  
ATHENS, GREECE

**FINAL PROGRAM**



SECRETARIAT:

**SYNTHESIS GROUP SA** 31 Agias Varvaras Str., 164 52 Argyroupoli - Athens, Greece  
Tel: +30 210 9609400 • Email: glioma@synthesispcpo.com  
[www.synthesispcpo.com](http://www.synthesispcpo.com)

UNDER THE AUSPICES:





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WELCOME

Dear colleagues,

It is our great pleasure to welcome you to our comprehensive practical workshop of diagnosing and managing patients with intracranial gliomas. Our course is aiming at covering all aspects of gliomas, from their genetic analysis and profiling to the most advanced surgical resective techniques and the long-term follow-up and support of these patients.

An astonishing multi-national faculty, including leading figures in the field of neuro-oncology constitutes a guarantee that participants will be able to familiarize themselves with all advanced imaging and surgical techniques, utilized for the most efficient and the safest management of patients with intracranial gliomas. A well-balanced combination of vivid presentations, stimulating debates, highly-didactic video sessions, and practical hands-on will ensure that each participant will be exposed to all diagnostic methodologies, to the most updated surgical strategies and to the most recent adjuvant treatment protocols.

Moreover, the interactive e-poster session will serve as a forum for exchanging bright new ideas regarding basic science, translational, and clinical glioma research.

The event is hosted in Athens, at the Royal Olympic Hotel, situated in the heart of the city center and at walking distance from many important historical sites, such as the new Acropolis Museum, Hadrian's Gate, the Temple of Zeus and the National Gardens, as well as the main shopping district of the city.

We hope that this meeting will be an unforgettable experience for you.

With our warmest regards,

**Effie Kapsalaki**

**Kostas Fountas**

Chairmen of the Organizing Committee



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COMMITTEES

## WORKSHOP PRESIDENTS

Kostantinos N. Fountas  
Eftychia Kapsalaki

## ORGANIZING COMMITTEE

Eleftheria Adaktylidou  
Vasiliki Dionysopoulou  
Kostantinos N. Fountas  
Charalambos Gatos  
Alexandros Gerontopoulos  
Eftychia Kapsalaki  
Thanasis D. Paschalis  
Christos Tzerefos

## SCIENTIFIC COMMITTEE

Efthimios Dardiotis	Polytimi Leonardou
Antonios Drevelegas	Lukas Rasulic
Nicolas Foroglou	Christiana Samara
Kostantinos N. Fountas	Michalakis Spyrou
Panagiotis Georgoulas	Kiki Theodorou
Costantin Kappas	Ioannis Tsougos
Eftychia Kapsalaki	Chrysa Tziakouri
Vasileios K. Katsaros	Varvara Valotasiou
George Kyrgias	Katerina G. Vassiou

## ORGANIZER



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## SECRETARIAT



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## CME CREDITS



The Intracranial Glioma Workshop: From A to Z, Athens, Greece, 09/05/2019-11/05/2019 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 20 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at [www.ama-assn.org/education/earn-credit-participation-international-activities](http://www.ama-assn.org/education/earn-credit-participation-international-activities).

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.



An abstract painting featuring a central vertical axis. The top half is white with dark, swirling lines. A solid red horizontal band crosses the middle. The bottom half is blue with dark, swirling lines and a prominent red 'X' on the right side. The text 'SCIENTIFIC PROGRAM' is centered in the red band.

SCIENTIFIC  
PROGRAM



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SCIENTIFIC PROGRAM

Thursday, 9 May 2019

Kallirhoe Hall

08:00 - 08:30 Registration  
08:30 - 08:45 Greetings - Welcome Addresses  
**K. Fountas, I. Tsitouridis**

**Session I** **Epidemiological and Histopathological Characteristics of Gliomas**  
Moderators: **S. Voulgaris, M. Fratzoglou**

08:45 - 09:00 The molecular profile of Gliomas  
**G. Nasioulas**  
09:00 - 09:30 Histopathological considerations and classification  
**E. Rushing**  
09:30 - 09:50 The role of methylation profiling in glioma classification  
**D. Capper**  
09:50 - 10:05 Genetic pathways  
**M. Satra**  
10:05 - 10:15 Discussion

**Session II** **Basic Diagnostic Approach of Patients with Gliomas**  
Moderators: **A. Gouliamos, I. Tsitouridis**

10:15 - 10:30 Conventional MRI in the initial diagnosis  
**G. Velonakis**  
10:30 - 10:55 MR Diffusion/DTI  
**E. Kapsalaki**  
10:55 - 11:20 MR Perfusion & Permeability  
**V. Katsaros**  
11:20 - 11:45 MR Spectroscopy  
**E. Gotsis**  
11:45 - 12:00 Coffee Break



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SCIENTIFIC PROGRAM

**Thursday, 9 May 2019**

**Kallirhoe Hall**

**Session III      Advanced Diagnostic Approach of Patients with Gliomas**  
Moderators: **I. Fezoulidis, T. Geroukis**

- 12:00 - 12:20**      Task-generated and resting-state fMRI  
**H. Sair**
- 12:20 - 12:40**      Radiomics / Radiogenomics  
**E. Kapsalaki**
- 12:40 - 13:00**      Glioma cell derived circulating biomarkers: Developments for non-invasive diagnosis and therapy tracking  
**M. Westphal**
- 13:00 - 13:15**      **Debate: Pre-operative imaging glioma grading: Myth or reality?**
- 13:15 - 13:40**      **Keynote Lecture: MR Guided Laser Ablation Therapy**  
Moderator: **A. Tasiou**  
Speaker: **K. Fountas**

**13:40 - 14:00**      Training on MR Guided Laser Ablation Therapy      **@ Conference Room 1**  
*To attend the training session, pre-registration is required*

**14:00 - 14:30**      Lunch Break  
E-poster viewing

**Session IV      Integrated Diagnostic Approach of Patients with Gliomas**  
Moderators: **P. Georgoulas, K. Theodorou**

- 14:30 - 14:50**      PET  
**S. Chatziioannou**
- 14:50 - 15:10**      SPECT  
**V. Valotasiou**
- 15:10 - 15:30**      "Smart" clinical decision support systems  
**I. Tsougos**
- 15:30 - 15:45**      **Debate: Smart clinical decision support systems - A replacement of the neuroradiologist?**



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## Thursday, 9 May 2019

15:45 - 16:00 Workshop Hall Assignment

**Note** | Participants attending the workshops need to refer to the secretariat to find out their assignment hall

16:00 - 19:00 Practical Workshops

### Workshop 1

16:00 - 17:00

Advanced imaging techniques:  
fMRI, DTI, MR Spectroscopy, Perfusion & Permeability

Conference Room 1  
1st floor  
Station 1

Presenters  
K. Fountas  
E. Kapsalaki

Conference Room 2  
2nd floor  
Station 2

Presenters  
V. Katsaros  
E. Papadaki

Conference Room 3  
3rd floor  
Station 3

Presenters  
S. Gotsis  
P. Toulas

Conference Room 4  
4th floor  
Station 4

Presenters  
I. Tsougos  
G. Velonakis

### Workshop 2

17:00 - 18:00

Integration of imaging data in navigational systems

Conference Room 1  
1st floor  
Station 1

Conference Room 2  
2nd floor  
Station 2

Conference Room 3  
3rd floor  
Station 3

Conference Room 4  
4th floor  
Station 4

### Workshop 3

18:00 - 19:00

Functional Anatomy: Cortical & Subcortical Anatomy

Kallirhoe Hall  
Ground floor

Presenter  
P. Toulas

Conference Room 2  
2nd floor

Presenter  
K. Vassiou

Conference Room 3  
3rd floor

Presenters  
T. Paschalis  
Ch. Papatzalas

Conference Room 4  
4th floor

Presenter  
M. Sabel



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Kallirhoe Hall

## Session V Preoperative Evaluation and Planning

Moderators: **K. Vassiou, E. Dardiotis**

- 08:30 - 09:00** Cortical Functional Anatomy  
**G. Hadjigeorgiou**
- 09:00 - 09:20** f-MRI - Identification of eloquent cortex  
**H. Sair**
- 09:20 - 09:40** Neuropsychological evaluation  
**E. Liouta**
- 09:40 - 10:00** Multimodality preoperative imaging  
**S. Bisdas**
- 10:00 - 10:20** Integration of imaging data in surgical planning  
**J. Barcia**
- 10:20 - 10:30** Extraoperative cortical mapping  
**K. Fountas**
- 10:30 - 10:45** **Debate: Preoperative f-MRI of cortical mapping - Is it enough?**
- 10:45 - 11:15** Coffee break

## Session VI Surgical Management

Moderators: **N. Foroglou, P. Schucht**

- 11:15 - 11:30** Anesthesiological consideration  
**A. Petsiti**
- 11:30 - 11:50** Basic principles of glioma resection  
**M. Sabel**
- 11:50 - 12:15** Advanced techniques for total resection  
**H. Duffau**
- 12:15 - 12:45** Training on MR Guided Laser Ablation Therapy
- 12:45 - 13:15** Lunch Break  
E-poster viewing

**@ Conference Room 1**

*To attend the training session,  
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**Session VII**    **Surgical management**  
Moderators: **F. DiMeco, K. Fountas**

- 13:15 - 14:00**    Awake craniotomy for glioma resection  
**M. Berger**
- 14:00 - 14:45**    Supramarginal glioma resection  
**H. Duffau**
- 14:45 - 15:05**    Advanced cortical mapping techniques  
**Z. Ram**
- 15:05 - 15:30**    Real time intraoperative imaging to optimize glioma resection and complication avoidance  
**F. DiMeco**
- 15:30 - 16:00**    Malignant gliomas - are we on a good way?  
**I. S. Florian**
- 16:00 - 16:30**    **Debate: Limited vs. total resection**

16:30 - 17:00: Coffee break

**Video Session**    **How I do it**  
Moderators: **F. DiMeco, K. Fountas**

**17:00 - 19:00**    Panel: **M. Berger, H. Duffau, Z. Ram, M. Sabel, F. DiMeco**



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**Saturday, 11 May 2019**

**Kallirhoe Hall**

**Session VIII Adjuvant treatment**  
Moderators: **A. Kyritsis, C. Kappas**

- 09:00 - 09:15 Chemotherapy  
**E. Razis**
- 09:15 - 09:30 Immunotherapy  
**E. Razis**
- 09:30 - 09:45 Radiation treatment  
**K. Tsanadis**
- 09:45 - 10:00 Stereotactic radiosurgery  
**M. Piperis**
- 10:00 - 10:15 Neurocognition and Adjuvant treatment  
**E. Liouta**
- 10:15 - 10:30 Imaging follow-up of glioma patients  
**K. Varaki**
- 10:30 - 11:00 Global perspective of glioma surgery. Is there time for ethical dilemmas?  
**J. Brennum**
- 11:00 - 11:30 Coffee Break

**Workshop 4**

**11:30 - 12:30**

**Illustrative Cases**

Kallirhoe Hall Ground floor	Conference Room 2 2nd floor	Conference Room 3 3rd floor	Conference Room 4 4th floor
Presenter <b>A. Drevelegas</b>	Presenter <b>I. Tsitouridis</b>	Presenter <b>A. Zikou</b>	Presenter <b>T. Geroukis</b>

**Session IX Challenging Cases**  
Moderators: **N. Foroglou, V. Vougioukas**

- 12:30 - 15:00 Challenging cases submitted by the participants  
Panel: **M. Berger, J. Barcia, I. S. Florian, F. DiMeco**
- 15:00 - 15:30 Lunch Break
- 15:30 - 15:45 E-poster awarding - Closing remarks



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E-POSTERS

## PP 01 INTRAOPERATIVE ASSESSMENT OF NEURO-ONCO MARKERS IN BRAIN TUMOURS

**Van Hese L.**<sup>1,3</sup>, Theys T.<sup>2</sup>, De Vleeschouwer S.<sup>2</sup>, Rex S.<sup>1</sup>, Cuypers E.<sup>3</sup>

<sup>1</sup> Department of Anaesthesiology, University Hospitals Leuven; Department of Cardiovascular Sciences, KU Leuven

<sup>2</sup> Neurosurgery Department, University Hospitals Leuven; Laboratory for Experimental Neurosurgery and Neuroanatomy, Department of Neurosciences

<sup>3</sup> Toxicology and Pharmacology Department, KU Leuven

## PP 02 ACTIVE IMMUNOTHERAPY FOR GLIOBLASTOMA IN TIME OF CRISIS

**Nikova A.**<sup>1,2</sup>, Sioutas G.<sup>3</sup>, Birbilis Th.<sup>1</sup>

<sup>1</sup> Department of Neurosurgery, Democritus University of Thrace, Alexandroupolis, Greece

<sup>2</sup> Department of Surgical Oncology, Metaxa Cancer Hospital, Piraeus, Greece

<sup>3</sup> Democritus University of Thrace, Alexandroupolis, Greece

## PP 03 MICROSCOPE AND GLIOBLASTOMA: TO FLUORESCENCE OR NOT TO FLUORESCENCE?

**Nikova A.**<sup>1,2</sup>, Ganchev D.<sup>3</sup>, Birbilis Th.<sup>1</sup>

<sup>1</sup> Department of Neurosurgery, Democritus University of Thrace, Alexandroupolis, Greece

<sup>2</sup> Department of Surgery, Metaxa Cancer Hospital, Athens, Greece

<sup>3</sup> Department of Radiation Oncology, Tsaritsa Ioanna University Hospital, Sofia, Bulgaria

## PP 04 EXPLORING A NEW WAY TO PREDICT PROGNOSIS IN GLIOBLASTOMAS

**Marrone F.**<sup>1</sup>, Raysi D. S.<sup>2</sup>, Allevi M.<sup>1</sup>, Zavatto L.<sup>1</sup>, Di Vitantonio H.<sup>2</sup>, Taddei G.<sup>2</sup>, Ricci A.<sup>2</sup>

<sup>1</sup> Department of Life, Health & Environmental Sciences (MESVA), University of L'Aquila, L'Aquila

<sup>2</sup> Department of Neurosurgery, San Salvatore City Hospital, L'Aquila

## PP 05 RESTING STATE FMRI: DOES IT HAVE A ROLE IN GLIOMA AND EPILEPSY PRE-SURGICAL LANGUAGE MAPPING?

**Cornell I.**, Leon Rojas J., Bisdas S.

UCL Queen Square Institute of Neurology

## PP 06 MINI CRANIOTOMY AND INTERHEMISPHERIC TRANSCALLOSAL APPROACH FOR RESECTION OF UNCOMMON VENTRICULAR GLIOSARCOMA. CASE REPORT

**Gkolemis C.**

Neurosurgery Department, University Hospital of North Midlands, United Kingdom

## PP 07 MULTIPARAMETRIC MRI RADIOMICS TOWARDS DIFFERENTIATING LOW- AND HIGH-GRADE GLIOMAS

**Vamvakas A.**<sup>1</sup>, Kapsalaki E.<sup>2</sup>, Fountas K.<sup>3</sup>, Williams S.<sup>4</sup>, Theodorou K.<sup>1</sup>, Vassiou K.<sup>2</sup>, Tsougos I.<sup>1,4</sup>

<sup>1</sup> Medical Physics Department, Medical School, University of Thessaly, Larisa, Greece

<sup>2</sup> Radiology Department, Medical School, University of Thessaly, Larisa, Greece

<sup>3</sup> Neurosurgery Department, Medical School, University of Thessaly, Larisa, Greece

<sup>4</sup> Neuroimaging Department, IoPPN, King's College London, London, UK



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E-POSTERS

- PP 08 AWAKE CRANIOTOMY AND 5-ALA GUIDED RESECTION FOR HIGH GRADE GLIOMAS IN ELOQUENT AREAS. MAXIMAL SAFE RESECTION**  
**Gkolemis C.**, Eltouky M., Albanese E.  
*Neurosurgery Department, University Hospital of North Midlands*
- PP 09 INTRAOPERATIVE MONITORING, CORTICAL AND SUBCORTICAL MAPPING IN GLIOMA SURGERY: HOW WE DO IT. 100 CASES. SINGLE UNIT EXPERIENCE**  
Albanese E., Eltouky M., **Gkolemis C.**  
*Neurosurgery Department, University Hospital of North Midlands*
- PP 10 REDO CRANIOTOMIES FOR RECURRENT GRADE IV GLIOMAS. REVIEW OF 40 CASES. SINGLE UNIT EXPERIENCE**  
Eltouky M., Albanese E., **Gkolemis C.**  
*Neurosurgery Department, University Hospital of North Midlands*
- PP 11 SURVIVAL AND QUALITY OF LIFE AFTER SURGERY FOR RECURRENT MALIGNANT GLIOMA**  
Paleologos Th., Xenaki V., **Sakellariidou M. - E.**, Pliakos N., Papanikolaou P., Xatzidakis E.  
*Neurosurgery Department, Agios Panteleimon General Hospital of Nikaia - Piraeus*
- PP 12 THE ROLE OF LEFT INFERIOR LONGITUDINAL FASCICLE IN READING: EVIDENCE FROM A CASE STUDY**  
**Papatzalas C.**<sup>1</sup>, Fountas K.<sup>1,2</sup>, Paschalis T.<sup>2</sup>, Tzerefos C.<sup>2</sup>, Kapsalaki E.<sup>1,3</sup>, Petsiti A.<sup>4</sup>, Papathanasiou I.<sup>5</sup>  
<sup>1</sup> Faculty of Medicine, University of Thessaly, Greece  
<sup>2</sup> Department of Neurosurgery, University Hospital of Larisa, Greece  
<sup>3</sup> Department of Radiology, University Hospital of Larisa, Greece  
<sup>4</sup> Department of Anesthesiology, University Hospital of Larisa, Greece  
<sup>5</sup> Department of Speech-Language Therapy, Technological Educational Institute of Western Greece (Patras)
- PP 13 A NEW PARADIGM OF AWAKE THROUGHOUT CRANIOTOMIES (ATC) IN BRAIN TUMOUR SURGERY; A PROSPECTIVE, CONSECUTIVE SERIES OF 46 PATIENTS**  
**Leon-Rojas J.**<sup>1,2</sup>, Bisdas S.<sup>3</sup>, Samandouras G.<sup>4</sup>  
<sup>1</sup> Queen Square Institute of Neurology, UCL, London, UK  
<sup>2</sup> School of Medicine, Universidad Internacional del Ecuador, Quito, Ecuador  
<sup>3</sup> Lysholm Department of Neuroradiology, The National Hospital for Neurology and Neurosurgery, University College London NHS Foundation Trust, London, UK  
<sup>4</sup> Victor Horsley Department of Neurosurgery, The National Hospital for Neurology and Neurosurgery, London, UK



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SPEAKERS - MODERATORS - INSTRUCTORS

<b>Barcia A. Juan</b>	MD, PhD, Professor and Head, Department of Neurosurgery, Hospital Clínico San Carlos, Chair of Neurosurgery, Universidad Complutense de Madrid, Spain
<b>Berger S. Mitchel</b>	MD, FACS, FAANS, Berthold and Belle N. Guggenheimer Professor, Chairman, Department of Neurological Surgery, Director, Brain Tumor Center, University of California, San Francisco, USA
<b>Bisdas Sotirios</b>	Professor, Department of Neuroradiology, Institute of Neurology, The National Hospital for Neurology and Neurosurgery, University College London, London UK
<b>Brennum Jannick</b>	D.Msc., Master of Health Management, Director of the Neuroscience Centre, Rigshospitalet, University of Copenhagen, Denmark
<b>Capper David</b>	MD, Professor, Charité - Universitätsmedizin Berlin and German Cancer Consortium (DKTK) Berlin, Germany
<b>Chatziioannou Sofia</b>	MD, Associate Professor of Nuclear Medicine, National and Kapodistrian University of Athens, Director of PET/CT, FBRAA, Athens, Greece
<b>Dardiotis Efthimios</b>	Ass. Professor of Neurology, University Hospital of Larissa, University of Thessaly, Larissa, Greece
<b>DiMeco Francesco</b>	MD, Professor of Neurosurgery, Department of Pathophysiology and Transplantation, University of Milan, Italy, Director, Department of Neurological Surgery, Istituto Nazionale Neurologico "C.Besta", Italy
<b>Drevelgas Antonios</b>	Professor of Radiology, Aristotle University of Thessaloniki, Greece
<b>Duffau Hugues</b>	MD, PhD, Professor of Neurosurgery, Chairman of the Department of Neurosurgery of Montpellier University Medical Center, France
<b>Fezoulidis V. Ioannis</b>	Prof. Dr. Med., Chair, Department of Radiology, Larissa University Hospital, School of Medicine, University of Thessaly, Greece
<b>Florian Ioan Stefan</b>	MD, PhD, Professor and Head, Department of Neurosurgery, University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca, Romania, Senior Neurosurgeon and Head, Department of Neurosurgery, Cluj County Emergency Hospital, Cluj-Napoca, Romania
<b>Foroglou Nicolas</b>	MD, PhD, Associate Professor of Neurosurgery, Aristotle University of Thessaloniki, AHEPA University Hospital, Thessaloniki, Greece
<b>Fountas N. Konstantinos</b>	MD, PhD, Professor of Neurosurgery, Head of Department of Neurosurgery, School of Medicine, University of Thessaly, Larissa, Greece
<b>Fratzoglou K. Moschos</b>	MD, PhD, Director of the Neurosurgical Department, General District Hospital of Nikaia Piraeus, Greece
<b>Georgoulas Panagiotis</b>	MD, PhD, Professor of Nuclear Medicine, Head of the Nuclear Medicine Department, University of Thessaly, University Hospital of Larissa, Greece
<b>Geroukis Triantafyllos</b>	Radiologist, Director in the CT & MR Department, G. Papanikolaou Hospital, Thessaloniki, Greece
<b>Gotsis D. Efstathios</b>	PhD, Director of Magnetic Resonance and MRI Education, Bioiatriki, Athens, Greece





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<b>Gouliamos Athanasios</b>	Professor of Radiology, Emeritus, School of Medicine, National and Kapodistrian University of Athens, Greece
<b>Hadjigeorgiou George</b>	MD, PhD, Neurosurgeon, Mediteraneo Hospital, Athens, Greece, Lecturer of Anatomy/Neurosciences, School of Medicine, European University Cyprus
<b>Kappas Constantin</b>	Professor, Medical Physics, Medical School, University of Thessaly, Greece
<b>Kapsalaki Eftychia</b>	Associate Professor of Radiology, School of Medicine, University of Thessaly, Larissa, Greece
<b>Katsaros K. Vasileios</b>	MD, PhD, EQNR, Consultant Radiologist - Neuroradiologist, MRI Department, General Anti-Cancer and Oncological Hospital "Agios Savvas", Athens, Greece, Head of Neuroradiology Section, Central Clinic of Athens, Greece, Clinical and Research Associate, University of Athens, Greece, Clinical and Research Affiliate, University College of London (UCL), UK, DTI Challenge Project, Brigham and Women's Hospital, Harvard Medical School, Boston(MA), USA
<b>Kyritsis P. Athanasios</b>	MD, DSc, Professor and Chairman, Department of Neurology, Director of the Neurosurgical Institute, University of Ioannina, School of Medicine, Ioannina, Greece
<b>Liouta Evangelia</b>	MSc, Neuropsychologist, Clinical and Research Associate, Department of Neurosurgery, University of Athens, Evangelismos Hospital, Hellenic Center for Neurosurgical Research, Athens, Greece
<b>Nasioulas Georgios</b>	Molecular Biologist, PhD
<b>Papadaki Efrosini</b>	Assistant Professor of Neuroradiology, University of Crete, Greece
<b>Papatzalas Christos</b>	Speech - Language Therapist, MSc, PhD Candidate, Department of Neurosurgery, Faculty of Medicine, University of Thessaly, Larissa, Greece
<b>Paschalis D. Thanasis</b>	MD, Chief Resident, Department of Neurosurgery, Larissa, Greece
<b>Petsiti Argyro</b>	MSc, PhD, Senior Anaesthesiologist, Department of Anaesthesiology, University Hospital of Larissa, Greece
<b>Piperis N. Maria</b>	MD, PhD, Assistant Chief in Staff, Iatropolis, Cyberknife-Tomotherapy Department, Athens, Greece
<b>Ram Zvi</b>	Chairman, Department of Neurosurgery, Tel Aviv Medical Center, Tel Aviv University, Sackler School of Medicine, Israel
<b>Razis Evangelia</b>	MD, PhD, Medical Oncologist, Director of the 3rd Oncology Department of Hygeia Hospital, Athens, Greece
<b>Rushing Elisabeth</b>	MD, Professor, Institute for Neuropathology, University Hospital of Zurich, Switzerland
<b>Sabel Michael</b>	Dr. Med, Professor of Neurosurgery, Head of the Centre of Neurooncology, Department of Neurosurgery, University Hospital Düsseldorf, Germany



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09  
10 MAY  
11 2019

VENUE  
ROYAL OLYMPIC HOTEL  
ATHENS, GREECE

SPEAKERS - MODERATORS - INSTRUCTORS

<b>Sair I. Haris</b>	MD, Associate Professor of Radiology, Interim Director, Division of Neuroradiology, The Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Faculty, Malone Center for Engineering in Healthcare, Whiting School of Engineering, Johns Hopkins University
<b>Satra Maria</b>	PhD, Molecular Biologist, Teaching Staff, Laboratory of Biology and Genetics, Department of Medicine, University of Thessaly, Larissa, Greece
<b>Schucht Philippe</b>	Department of Neurosurgery, University Hospital of Bern, Switzerland
<b>Stranjalis George</b>	Professor, Department of Neurosurgery, University of Athens, Evangelismos Hospital
<b>Tasiou Anastasia</b>	MD, PhD, Attending Neurosurgeon, Department of Neurosurgery, University Hospital of Larissa, Greece
<b>Theodorou Kiki</b>	Professor of Medical Physics, Medical Physics Department, Medical School, University of Thessaly, Larissa, Greece
<b>Toulas Panagiotis</b>	Neuroradiologist, Director of Imaging, Bioiatriki Group, Research Unit of Radiology, National and Kapodistrian University of Athens, Greece
<b>Tsanadis Konstantinos</b>	Radiation Oncologist, Senior Consultant, Radiotherapy Department, University Hospital of Larissa, Greece
<b>Tsitouridis Ioannis</b>	Chairman, Radiology Department, Papageorgiou Hospital of Thessaloniki, President of the Hellenic Radiological Society
<b>Tsougos Ioannis</b>	Assistant Professor of Medical Physics, Medical School, University of Thessaly, Larissa, Greece, Visiting Senior Researcher, King's College London, UK
<b>Valotasiou Varvara</b>	MD, PhD, Nuclear Medicine Department, University Hospital of Larissa, Faculty of Medicine, University of Thessaly, Larissa, Greece
<b>Varaki Kalliopi</b>	MD, PhD, Head of Diagnostic Radiology Department, Metropolitan Hospital, Athens Greece
<b>Vassiou G. Katerina</b>	Associate Professor of Anatomy, Chairman, Department of Anatomy, Faculty of Medicine, University of Thessaly, Larissa, Greece
<b>Velonakis Georgios</b>	Neuroradiologist, Research Unit of Radiology, National and Kapodistrian University of Athens, Greece
<b>Vougioukas Vasileios</b>	Director, Department of Neurosurgery, Metropolitan Hospital Athens, Ass. Prof. of Neurosurgery, University of Freiburg, Germany
<b>Voulgaris Spyridon</b>	Professor of Neurosurgery, Director of Neurosurgery Department, University Hospital of Ioannina, Greece
<b>Westphal Manfred</b>	Professor, Director and Chair of the Department of Neurosurgery, University Hospital Hamburg Eppendorf
<b>Zikou Anastasia</b>	MD, PhD, Assistant Professor of Radiology, Department of Clinical Radiology and Imaging, Medical School, University of Ioannina, Greece