

Instituto CUF
de Oncologia



I.C.O.



13th EUROPEAN LOW GRADE GLIOMA NETWORK LISBON 2018



academiacuf
Formação, Educação e Investigação em Saúde

22nd - 23rd June

Reitoria Universidade NOVA de Lisboa | Campus Campolide

WELCOME

Dear Colleagues

The **ELGGN** (European Low Grade Glioma Network) is an active multidisciplinary european organization of physicians focused in the research and management of diffuse low grade gliomas.

There is an annual meeting composed of professionals in neurosurgery, anaesthesiology, molecular biology, radiotherapy, oncology, occupational therapy, neurology, neuroimaging, cognitive and language assessment.

This meeting will be held in Lisbon on the 22nd and 23rd June 2018 and on the 21st of June there will be an **Advanced White Matter Dissection Course**.

Join us in the beautiful city of Lisbon!

Dra. Catarina Pessanha Viegas

I.C.O., CUF Infante Santo Hospital

FACULTY

Hugues Duffau
Neurosurgery

CHU de Montpellier,
Hôpital Gui de Chauliac
FRANCE



Minesh Mehta
Radiation Oncology

Miami Cancer Institute
UNITED STATES OF AMERICA



Catarina Pessanha Viegas
Neurosurgery

I.C.O., CUF Infante Santo Hospital,
Hospital Garcia de Orta
PORTUGAL



Emmanuel Mandonnet
Neurosurgery

Hôpital de Lariboisière et Fernand-Widal
FRANCE



Adrià Rofes
Clinical Linguistics

Department of Cognitive Science,
Johns Hopkins University
UNITED STATES OF AMERICA



Johan Pallud
Neurosurgery

Centre Hospitalier Sainte Anne
FRANCE



Lorenzo Bello
Neurosurgery

Università degli Studi di Milano,
Humanitas Research Hospital
ITALY



Monika Hegi
Clinical Neurosciences

Centre Hospitalier Universitaire Vaudois
SWITZERLAND



Sandro Krieg
Neurosurgery

Technische Universität München
GERMANY



Santiago Gil Robles
Neurosurgery

Quirón Madrid, Biocruces
SPAIN



PROGRAM

22nd June

07h45 Registration

08h15 **Welcome address**

Session I

Language assessment in LGG

Moderators: **Isabel Pavão Martins** - Neurology
(Language Laboratory, Hospital Santa Maria - PT)

Adrià Rofes - Clinical Linguistics
(Department of Cognitive Science, Johns Hopkins University - USA)

08h30 **Language processing from the perspective of electrical stimulation mapping**

Adrià Rofes - Clinical Linguistics
(Department of Cognitive Science, Johns Hopkins University - USA)

09h00 **A sensitive speeded naming test for word finding difficulties in low grade glioma patients**

Djaina Satoer et al. - Clinical Linguistics
(Erasmus MC, University Medical Center Rotterdam - NL)

09h10 **The Verb and Noun Test (VAN) for presurgical language mapping with navigated TMS and intraoperative DES - Validation of english stimuli**

Ann-Katrin Ohlerth et al.
Clinical Linguistics (University Medical Centre Groningen - NL) and
Neurosurgery (King's College Hospital London - UK)

09h20 **Functional mapping using rTMS - Can plasticity mechanisms account for the failure to reproduce the stimulation effects?**

Sascha Freigang et al. - Neurosurgery
(University Hospital Graz - AT)

09h30 **EEG functional connectivity networks and language functioning in low-grade glioma patients**

Nienke Wolthuis et al. - Clinical Linguistics
(University of Groningen - NL)

09h50 **Language representation and control in awake patient bilinguals**

Manuel Carreiras - Neurolinguistics
(BCBL Basque Center on Cognition, Brain and Language - ES)

10h20 **Cortical plasticity of language function in glioma patients as measured by nrTMS**

Sebastian Ille et al. - Neurosurgery
(Klinikum Rechts der Isar, Technical University Munich - DE)

10h30 **Discussion**

10h45 Coffee break

11h00 **Official opening**

Session II

Imaging, anesthesia and awake surgery in LGG

Moderators: **Teresa Nunes** - Neuroradiology
(Hospital Garcia de Orta - PT)

Martin Lauterbach - Neurology
(Hospital Cruz Vermelha - PT)

11h15 **Anesthesia in LGG**

Antonio Pérez-Hick - Anesthesiology
(CUF Infante Santo Hospital, Hospital Garcia de Orta - PT)

11h25 **Setup presentation and clinical outcome analysis of treating highly language-eloquent gliomas via a multimodal setup including preoperative navigated transcranial magnetic stimulation and tractography as an adjunct to awake surgery**

Sebastian Ille et al. - Neurosurgery
(Klinikum Rechts der Isar, Technical University Munich - DE)

11h35 **Exploring white matter connectivity underlying functional mapping of the hand**

Henrietta Howells et al. - Neurosurgery
(King's College Hospital London - UK)

11h45 **Speech execution and cognitive language processing**

João Leote - Neurophysiology
(Hospital Garcia de Orta - PT)

PROGRAM

11h55 Imaging practice in low-grade gliomas among european specialized centers

Christian Freyschlag et al. - Neurosurgery
(Medical University of Innsbruck - AT)

12h10 Combined advanced neuropsychological examination and intraoperative imaging with neuronavigated eco in awake brain surgery

Santiago Gil Robles - Neurosurgery
(Quirón Madrid, Biocruces - ES)

12h25 Towards standardisation in (awake) cortico-subcortical mapping and integration in navigation

Henry Colle - Neurosurgery
(St. Lucas Hospital - BE)

12h45 Discussion

13h00 Lunch

Session III

Controversies in adjuvant therapy and molecular biology in LGG

Moderators: José Manuel Bravo Marques - Neuro-Oncology
(CUF Infante Santo Hospital - PT)

Luisa Albuquerque - Neuro-Oncology
(CUF Infante Santo Hospital - PT)

14h00 Radiotherapy in LGG

Minesh Mehta - Radiation Oncology
(Miami Cancer Institute- USA)

14h30 Decision to administrate adjuvant therapy should not (solely) rely on molecular biology

Hugues Duffau - Neurosurgery
(CHU de Montpellier, Hôpital Gui de Chauliac - FR)

15h00 Treatment of low grade glioma with foci of transformation - Is surgery alone enough?

John Goodden - Neurosurgery
(Leeds General Infirmary - UK)

15h15 Discussion

15h30 Epigenetic vulnerabilities in LGG, biomarkers and new opportunities

Monika Hegi - Clinical Neurosciences
(Centre Hospitalier Universitaire Vaudois - CH)

16h00 Coffee break

Session IV

Right hemisphere LGG

Moderators: Catarina Pessanha Viegas - Neurosurgery
(I.C.O., CUF Infante Santo Hospital, Hospital Garcia de Orta - PT)

Lorenzo Bello - Neurosurgery
(Università degli Studi di Milano, Humanitas Research Hospital - IT)

16h15 The myth of the right "non-dominant non-eloquent" hemisphere

Hugues Duffau - Neurosurgery
(CHU de Montpellier, Hôpital Gui de Chauliac - FR)

16h45 Right parietal LGG resections

Emmanuel Mandonnet - Neurosurgery
(Hôpital Lariboisière - FR)

17h15 Praxis network in the right parietal lobe

Marco Rossi et al. - Neurosurgery
(Università degli Studi di Milano, Humanitas Research Hospital - IT)

17h30 White matter circuitry associated with executive function preservation in glioma patients

Tommaso Sciortino et al. - Neurosurgery
(Università degli Studi di Milano, Humanitas Research Hospital - IT)

17h45 Discussion

18h00 End of 1st day



PROGRAM

23rd June

Session V

Quality of life in LGG

Moderators: **Manuel Cunha e Sá** - Neurosurgery
(CUF Infante Santo Hospital, Hospital Garcia de Orta - PT)

Johan Pallud - Neurosurgery
(Centre Hospitalier Sainte Anne - FR)

09h00 **Surgical aggressiveness benefits patient survival and productivity in low grade gliomas: a policy change analysis**

Pierre Robe - Neurosurgery
(University Medical Center of Utrecht - NL)

09h20 **Extent of resection and residual tumor thresholds for postoperative total seizure freedom in epileptic adult patients harboring a supratentorial diffuse low-grade glioma**

Johan Pallud - Neurosurgery
(Centre Hospitalier Sainte Anne - FR)

09h35 **Cognitive and psychopathological functioning in diffuse low-grade glioma patients: focus on prospective memory and time perspective**

Estele Gerdoux Ninot - Supportive Care
(Psycho-Oncology Unit, Cancer Institute of Montpellier - FR)

09h55 **Clinical course and risk factors for development of SMA syndrome following awake resection of gliomas in the supplementary motor area**

Mathew Tate - Neurosurgery
(Northwestern Memorial Hospital - USA)

10h10 **Probabilistic map of the negative motor responses of upper limb and face elicited by electrostimulations**

Fabien Rech - Neurosurgery
(Centre Hospitalier Régional et Universitaire de Nancy - FR)

10h25 **Atlas of small deep strokes after glioma surgery**

Emmanuel Mandonnet - Neurosurgery
(Hôpital Lariboisière - FR)

10h40 **Towards a language recovery curve in the first year after brain surgery**

Joanna Sierpowska - Medical Psychology
(Radboud Universiteit - NL)

10h55 **Discussion**

11h10 **Coffee break**

Session VI

Collaborative studies, future projects and decision on next meeting location

Moderators: **Catarina Pessanha Viegas** - Neurosurgery
(I.C.O., CUF Infante Santo Hospital, Hospital Garcia de Orta - PT)

Emmanuel Mandonnet - Neurosurgery
(Hôpital Lariboisière - FR)

11h25 **Predictors of epileptic seizures and ability to work in supratentorial cavernous angioma located within eloquent brain areas**

Johan Pallud - Neurosurgery
(Centre Hospitalier Sainte Anne - FR)

11h40 **Developmental venous anomaly in diffuse glioma adult patients: a clinically relevant coexistence?**

Alexandre Roux - Neurosurgery
(Centre Hospitalier Sainte Anne - FR)

11h50 **BrainMapper: a new tool for cluster analysis and data sharing in brain electrostimulations studies**

Fabien Rech - Neurosurgery
(Centre Hospitalier Régional et Universitaire de Nancy - FR)

12h00 **Prospective study of the network concerning surgical technique and resulting outcome**

Sandro Krieg - Neurosurgery
(Technische Universität München - DE)

12h10 **Previous collaborative work within the network and different work in progress**

Emmanuel Mandonnet - Neurosurgery
(Hôpital Lariboisière - FR)

12h25 **Closing session**

Decision on next meeting location and closing remarks

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EVENT VENUE

Reitoria Universidade NOVA de Lisboa

Campus de Campolide | 1099-085 Lisboa (entrance from the Mesquita street - Bairro Azul)



SOCIAL PROGRAM

Includes: Lisbon sightseeing tour, Welcome drink, Jazz concert and dinner at Montes Claros restaurant (Monsanto)

Registration required: 55€



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