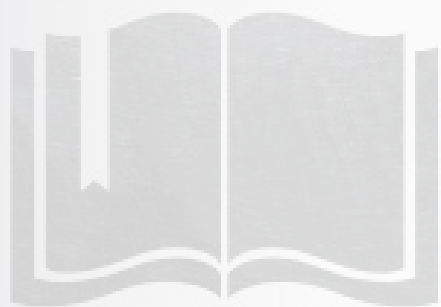


SIXTH ANNUAL WORLD COURSE IN ADVANCED BRAIN TUMOUR SURGERY
LONDON, JUNE 7-11, 2017

BAFTA, 195 PICCADILLY, LONDON



MAGISTRI CEREBRI



FULL COURSE PROGRAM

SIXTH ANNUAL WORLD COURSE IN ADVANCED BRAIN TUMOUR SURGERY
LONDON, JUNE 7-11, 2017

Dear Colleagues

For a sixth year running, we have invited to London some of the world's best brain tumour surgeons, neuro-oncologists and neuroscientists with interest in brain plasticity and neural function. Our aim is to bring the best in surgical techniques, advanced technologies and treatment options to neurosurgeons, treating patients with brain tumours, in all parts of the world,

We have put together an unprecedented program with live surgery from 5 university centres in 4 countries; interactive 3D cortical and subcortical anatomy shows and videos; Master's Seminars™; hands-on practical workshops; debates, discussions and round tables; and discussion of landmark papers with the authors.

This year we are particularly honoured to partner with the Congress of Neurological Surgeons, USA, a global leader in neurosurgical education, sharing the same values in training, surgeons' education and in setting high standards in patients' care.

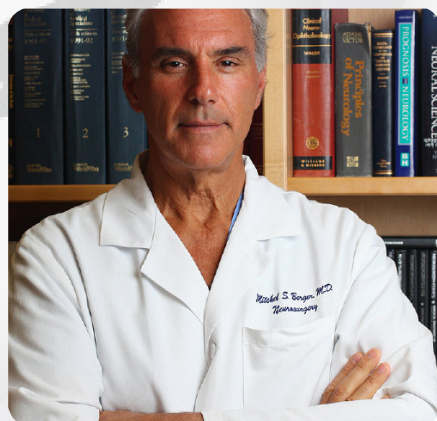
Our social program includes connection and networking opportunities in amazing central London venues where you can relax and absorb the vide of a fashionable, world-class city.

These are going to be some of the most intensive and challenging five days of your professional career. We look forward to meeting you all, this coming June, in a summery London!



A handwritten signature in black ink, appearing to read 'G Samandouras'.

George Samandouras
Queen Square, London















A handwritten signature in black ink, appearing to read 'Mitchel Berger'.

Mitchel Berger
UCSF, San Francisco

SIXTH ANNUAL WORLD COURSE IN ADVANCED BRAIN TUMOUR SURGERY
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Wednesday 7 June 2017
Interactive 3D Anatomy sessions & dissection videos

TIME	SPEAKER/ACTIVITY	TOPIC	VENUE
7:30 – 8:00	Registration and Coffee		B&G
8:00 – 8:15	G. Samandouras, UK	 Introduction to the course	PAT
8:15 – 9:00	G. Ribas, Brazil	 3D - Overview of surgical anatomy of brain architecture	PAT
9:00 – 10:00	G. Ribas, Brazil	 3D – Surgical anatomy of the cortical sulci and gyri	PAT
10:00 – 11:00	G. Ribas, Brazil	 3D – Opercular, temporomesial and sub-insular anatomy	PAT
11:00 – 11:30	Coffee break		B&G
11:30 – 12:30	J. Martino, Spain	 3D – Applied microneurosurgical anatomy of white matter tracts	PAT
12:30 – 13:30	J. Martino, Spain	 3D – Applied microneurosurgical anatomy of insular gliomas	PAT
13:30 – 14:30	Hot Lunch		KH
14:30 – 15:30	G. Ribas, Brazil	 3D - Microsurgery of lobar and gyral lesions	PAT
15:30 – 16:30	G. Ribas, Brazil	 3D - Anatomical corridors to deeply-seated intrinsic lesions	PAT
16:30 – 17:30	G. von Campe, Austria	 Video – Step by step dissection of white matter tracts - Part I	PAT
17:30 – 18:30	G. von Campe, Austria	 Video – Step by step dissection of white matter tracts - Part II	PAT
18:30 – 18:45	G. Samandouras, UK	 Discussion	PAT

PAT Princess Anne Theatre, BAFTA, 195 Piccadilly, W1J 9EU, London

B&G Boardroom & Gallery, BAFTA, 195 Piccadilly, W1J 9EU, London

KH The King's Head Pub, 10 Stafford St, Mayfair, W1S 4RX, London (4 minutes walk from venue)

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Thursday 8 June 2017
Live surgery – 5 operations from 4 countries

TIME	SPEAKER/ACTIVITY	TOPIC	VENUE
7:15 – 7:30	George Samandouras , UK	 Introduction to Live Surgery	PAT
7:30 – 10:30 London	Jinsong Wu Professor, Glioma Surgery Division Huashan Hospital Shanghai Medical College Fudan University Shanghai, China	 LIVE SURGERY from SHANGHAI, CHINA Awake craniotomy with cortical/subcortical mapping on a 3T intraoperative MRI	PAT
14:30 – 17:30 Shanghai GMT +7			
10:30 – 12:30 London	Lorenzo Bello Professor of Neurosurgery & Director Cancer Neurosurgery Unit Humanitas Research Hospital Milan, Italy	 LIVE SURGERY from MILAN, ITALY Awake craniotomy with cortical/subcortical mapping with neurophysiology monitoring for a motor pathway system glioma	PAT
11:30 – 13:30 Milan GMT +1			
12:30 – 14:30 London	Helmut Bertalanffy Professor of Neurosurgery Director, Centre for Vascular Neurosurgery International Neuroscience Institute Hannover, Germany	 LIVE SURGERY from HANNOVER, GERMANY Surgical approach for brain stem lesion with neurophysiological monitoring	PAT
13:30 – 15:30 Hannover GMT +1			
14:30-15:30	Hot lunch	 KH	
15:30 - 18:00 London	Mitchel Berger Professor and Chairman, Department of Neurological Surgery University of California, San Francisco, USA	 LIVE SURGERY from SAN FRANCISCO, USA Awake craniotomy with cortical/subcortical mapping for excision of a glioma from eloquent part of the brain	PAT
7:30 – 10:00 San Francisco GMT -8			
18:00 – 20:00 London	George Jallo Professor of Neurosurgery & Clinical Director of Paediatric Neurosurgery Johns Hopkins All Children's Hospital, Florida, USA	 LIVE SURGERY from FLORIDA, USA Excision of a spinal cord glioma with neurophysiological monitoring	PAT
13:00 – 15:00 Florida GMT -5			

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Friday 9 June 2017
Hands-on Practical Workshops

Workshop 1 Theme & Objectives Prof. Walter Stummer Chairman, Department of Neurosurgery Munster University Hospital, Munster Germany 	Theme & Objectives Use of 5-ALA (Gliolan) for fluorescence-guided resection of gliomas Learn how to best use Gliolan in resection of high grade gliomas - obtain official medac CERTIFICATE	Workshop 2 Theme & Objectives Prof. Michael Sabel Head of Centre of Neuro-oncology, University Hospital Düsseldorf, Düsseldorf, Germany 	Theme & Objectives Use of Ultrasonic aspirator Learn how to interpret and adjust settings and obtain maximum results in glioma surgery using the latest CUSA Clarity model	Workshop 3 Theme & Objectives Prof. Guilherme Ribas Professor of Surgery, University of São Paulo Medical School, São Paulo, Neurosurgeon, Albert Einstein Hospital, São Paulo, Brazil	Theme & Objectives Topographic skull in relation to gyral and deep brain anatomy Learn key skull topography and develop "MRI vision" when planning craniotomy flaps and approaches
Workshop 3 Theme & Objectives Prof. C. Hadjipanayis Chairman, Mount Sinai Beth Israel, New York, USA Prof. A. Bernardo Director, Skull Base Lab Weill Cornell, New York 	Theme & Objectives Learn how to use a surgical robot with advanced imaging Hands-on with intra-operative, robotic imaging systems and DTI planning software	Workshop 5 Theme & Objectives Prof. Karl-Michael Schebesch University Hospital of Regensburg, Germany 	Theme & Objectives Multi-modality imaging technology and its impact on the future of tumour neurosurgery Learn about a novel, ground-breaking application in neuro-oncology	Workshop 6 Theme & Objectives Prof. Marco Catani Professor of Neuroanatomy and Psychiatry Natbrainlab Kings College London, UK FREE SOFTWARE!	Theme & Objectives Interactive tractography of white matter tracts Learn the major white matter tracts, by a world-class expert, using using DTI software – Bring your own laptop!

TIME	ACTIVITY	ACTIVITY	VENUE												
7:30 – 8:00	Coffee 		CC												
8:00 – 8:15	George Samandouras, UK 	Introduction to the hands-on workshops	CC												
8:15 – 9:45	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Workshop 1</td> <td>Workshop 2</td> <td>Workshop 3</td> </tr> <tr> <td style="color: red;">Red team</td> <td style="color: blue;">Blue team</td> <td style="color: yellow;">Yellow team</td> </tr> </table> 	Workshop 1	Workshop 2	Workshop 3	Red team	Blue team	Yellow team	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Workshop 4</td> <td>Workshop 5</td> <td>Workshop 6</td> </tr> <tr> <td style="color: green;">Green team</td> <td style="color: orange;">Orange team</td> <td style="color: pink;">Pink team</td> </tr> </table>	Workshop 4	Workshop 5	Workshop 6	Green team	Orange team	Pink team	CC
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13:15 - 14:15	Lunch 		KH												
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20:00 - 23:00	Drinks and canapés reception 		Bar												

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Saturday 10 June 2017
Masters Seminars & Landmark papers

TIME	SPEAKER/ACTIVITY	TOPIC	VENUE
7:30 – 8:00	Mitchel Berger , USA	 The Master's Seminar™ - How I do it Brain mapping and resection of gliomas	PAT
8:00 – 8:30	Hugues Duffau , France	 The Master's Seminar™ - How I do it Brain mapping and resection of gliomas	PAT
8:30 – 9:00	George Jallo , USA	 The Master's Seminar™ - How I do it Resection of spinal cord gliomas with neurophysiological monitoring	PAT
9:00 – 9:30	Helmut Bertalanffy , Germany	 The Master's Seminar™ - How I do it Resection of brain stem lesions with neurophysiological monitoring	PAT
9:30 – 10:00	Lorenzo Bello , Italy	 The Master's Seminar™ - How I do it Resection of gliomas affecting motor pathways	PAT
10:00 – 10:30	Jinsong Wu , China	 The Master's Seminar™ - How I do it Brain mapping and glioma resection in high-field intraoperative MRI	PAT
10:30 – 11:00	George Samandouras , UK	 The Master's Seminar™ - How I do it Brain mapping and resection of “inoperable” tumours	PAT
11:00 -11:30	Coffee Break		B&G
11:30 -12:00	Walter Stummer , Germany	 The Master's Seminar™ - How I do it Fluorescent-guided resection for gliomas	PAT
12:00-12:30	Alexandra Golby , USA	 The Master's Seminar™ - How I do it Advanced functional imaging in surgery for gliomas	PAT
12:30-13:00	Andrea Szelenyi , Germany	 The Master's Seminar™ - How I do it Advanced Intraoperative neurophysiology for brain mapping	PAT
13:00 – 14:00	Hot Lunch		KH
14:00 – 14:30	A. Von Deimling , Germany	 The Master's Seminar™ Novel approach to brain tumor diagnostics based on global methylome analysis	PAT
14:30 – 15:00	Marco Catani , UK	 The Master's Seminar™ What did we learn from the first 20 years of tractography?	PAT
15:00 – 15:30	Sebastien Ourselin , UK	 The Master's Seminar™ Improving brain tumor surgery outcomes through engineering innovations	PAT
15:30 – 16:00	Sotirios Bisdas , UK	 The Master's Seminar™ Modern metabolic imaging of gliomas	PAT
16:00 – 17:00	Journal club with the authors	 Discuss with the authors of the most recent landmark papers in neuro-oncology , directly from their institution, via tele-conference.	PAT
20:00- 00:00	Black-tie gala dinner with the Faculty	 With piano recital from Hugues Duffau	



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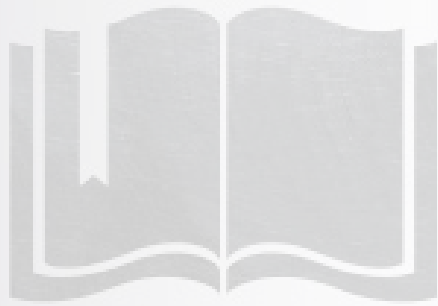
Sunday 11 June 2017
Leaping forward – The future of neuro-oncology

TIME	SPEAKER/ACTIVITY	TOPIC	VENUE
8:30 - 9:30	Cooked, full English breakfast		KH
9:30-10:00	Hugues Duffau , France	 Leaping forward - Brain plasticity and brain hodotopy	PAT
10:00-10:30	Roger Stupp , USA	 Leaping forward - Challenges and promises in the treatment of gliomas	PAT
10:30-11:00	C. Hadjipanayis , USA	 Leaping forward - Magnetic Nanoparticles for Brain Tumor Therapy: A New Frontier	PAT
11:00-11:30	Marco Catani , UK	 Leaping forward – Towards a new connectonal anatomy of the human brain	PAT
11:30-12:00	George Samandouras , UK	 Leaping forward – Caveats, nuances and the future of glioma surgery	PAT
12:00-12:30	Mitchel Berger , USA	 Leaping forward – Future of surgical neurooncology	PAT
12:30-13:00	Wine and Cheese		B&G
13:00-14:00	Mitchel Berger , USA George Jallo , USA Helmut Bertalanffy , Germany Walter Stummer , Germany Jinsong Wu , China Costas Hadjipanayis , USA Alexandra Golby , USA	 Leaping forward - What I have learned from my complications	PAT
14:00-15:00	Garth Cruickshank , UK Keyoumars Ashkan , UK Jeremy Rees , UK Andrew McEvoy , UK	 Leaping forward - Present and future of British Neuro-oncology	PAT
15:00 – 16:00	Farewell hot lunch		KH

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