

BRITISH NEURO-ONCOLOGY SOCIETY ANNUAL MEETING 2021

PRECISION MEDICINE AND THE FUTURE OF NEURO-ONCOLOGY PRACTICE

DAY 1 - THURSDAY 8TH JULY 2021

EDUCATIONAL DAY - PRECISION MEDICINE AND TRIALS

08:30 Exhibition and poster viewing

08:55 Welcome from BNOS President Professor Colin Watts

SESSION 1 - PRECISION MEDICINE TRIALS

09:00 Key Note Lecture | Precision medicine and complex trials Professor Pamela Kearns

09:30 Key Note Lecture | Translating science into trials Professor Neil Carragher

10:00 The Tessa Jowell BRAIN MATRIX - A platform to support clinical and translational research Professor Colin Watts

10:20 Q&A

10:30 Comfort break and exhibition

10:30 - 10:35

Exhibitor Showcase | Brainlab

SESSION 2 - TUMOUR BIOLOGY

10:45 Key Note Lecture | Glioma patient avatars and functional profiling for precision medicine Professor Simone Niclou

11:15 The metabolism of gliomas - From genetics to the microenvironment Dr Daniel Tennant

11:35 Q&A

11:45 Top Scoring Paper | Laboratory, translational and clinical science - Elevated 2HG does not cause features of tumorigenesis Dr Chiara Bardella

11:52 Top Scoring Paper | Laboratory, translational and clinical science - Activation of Raf signalling in NF2-null schwann cells leads to sustained proliferation - An investigation of a new and inducible model for human schwannoma Ms Charlotte Lespade

11:59 Top Scoring Paper | Laboratory, translational and clinical science - Excessive new origin firing underlies selective glioma stem cell cytotoxicity induced by replication stress response inhibition Ms Emily Clough

12:06 Top Scoring Paper | Laboratory, translational and clinical science - Proteomic analysis of genetically stratified low-grade meningioma Mrs Yeasmin Akther

12:13 Q&A

12:20 Lunch and exhibition

12:30 Sponsored Lecture | Novocure

SESSION 3 - IMMUNOLOGY AND CANCER

13:00 Key Note Lecture | Lessons learnt from UK National Lung Matrix Trial (NMLT) Professor Gary Middleton

13:30 Q&A

SESSION 4 - IMAGING

13:35 Advances in multi-parametric imaging in brain tumour Professor Vijay Sawlani

13:55 Imaging and precision medicine Dr Gerry Thompson

13:15 Q&A

14:22 Top Scoring Paper | Imaging - Artificial intelligence for early prediction of treatment response in glioblastoma Dr Markland Patel

14:29 Top Scoring Paper | Imaging - Selection of headache cases for expedited scanning to assist prompt diagnosis of brain tumour Dr Robin Grant

14:36 Top Scoring Paper | Imaging - Fully automated deep learning system for detecting sarcopenia on brain MRI in glioblastoma Dr Ella Mi

14:43 Top Scoring Paper | Imaging - Initial experience with navigated intraoperative ultrasound for brain tumour surgery Mr Adam Nunn

14:50 Q&A

15:00 Comfort break and exhibition

15:00 - 15:05
Exhibitor Showcase | Inomed

SESSION 5 - CNS AND AHP

15:15	Key Note Lecture Brain tumour - Patient and carer survivorship programme	Professor Susan Chang
15:45	Title TBC	Mrs Stine Giles
15:52	Patient advocate	Mr Peter Buckle
15:59	Quality of life - Measuring what matters to people living with a brain tumour	Dr Helen Bulbeck
16:15	The Brain Tumour Patients' Charter of Rights	Mrs Kathy Oliver
16:30	Can quality of life be optimised for neuro oncology patients? A view from a CNS perspective	Ms Ingela Oberg
16:45	Q&A	
16:55	Top Scoring Paper Survivorship and quality of life - CaPaBLE: Comparing the patient generated index to standard quality of life measures in patients and caregivers affected by high-grade brain tumours - Preliminary analysis	Ms Lillie Pakzad-Shahabi
17:00	Top Scoring Paper Survivorship and quality of life - Developing guidelines for the management of brain tumour related epilepsy	Ms Elizabeth Vacher
17:05	Top Scoring Paper Survivorship and quality of life - BrainApp - Using near-patient sensing through a mobile app and machine learning in brain tumour patients	Dr Nur Aizaan Anwar
17:10	Top Scoring Paper Survivorship and quality of life - Are patients with brain tumours being given timely DVLA advice?	Mr Shumail Mahmood
17:15	Top Scoring Paper Survivorship and quality of life - Bridging the gap - Development of a patient public involvement group	Mrs Claire Goddard
17:20	Top Scoring Paper Survivorship and quality of life - Longitudinal connectome analyses following low-grade glioma neurosurgery - Implications for cognitive rehabilitation	Mr Anujan Poologaindran
17:25	Q&A	
17:35	Closing remarks	Ms Victoria Wykes
17:40	Close of day one	

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DAY 2 - FRIDAY 9TH JULY 2021

08:00 Exhibition and poster viewing

SESSION 6 - PAEDIATRIC AND TYA

08:30	Top Scoring Paper Paediatric and TYA - The role of diffusion tensor imaging metrics in machine learning-based characterisation of paediatric brain tumors and their practicality for multicentre clinical assessment	Dr Heather Rose
08:37	Top Scoring Paper Paediatric and TYA - Spatiotemporal changes in along-tract profilometry of cerebellar peduncles in cerebellar mutism syndrome	Mr Sebastian Toescu
08:44	Top Scoring Paper Paediatric and TYA - Chemotherapy strategies for young children newly diagnosed with desmoplastic/extensive nodular medulloblastoma up to the era of molecular profiling – A comparative outcomes analysis of prospective multi-center European and North American trials	Professor Jonathan Finlay
08:51	Top Scoring Paper Paediatric and TYA - Identification of novel therapeutic targets for histone 3 mutated children's brain tumour, using unique tumour cell surface proteomic signatures	Dr Farhana Haque
08:58	Q&A	
09:05	Key Note Lecture Precision medicine in paediatrics and TYA	Professor Darren Hargrave
09:35	Multi-modal MRI in children's brain tumours	Professor Andrew Peet
09:55	Q&A	
10:05	Comfort break and exhibition	Poster viewing

10:05 - 10:10

Exhibitor Showcase | B. Braun Medical Ltd.

SESSION 7 - ADULT GLIOMA

10:15	Key Note Lecture Results of precision medicine trial in Glioblastoma	Professor Wolfgang Wick
10:45	Functional neurosurgical approach for glioma resection and future GB	Professor Puneet Plaha
11:05	Q&A	
11:15	Top Scoring Paper Adult glioma - Readmission and reoperation rates after resection of malignant primary brain tumours in England 2013-2017	Mr Adam Wahba
11:22	Top Scoring Paper Adult glioma - Evaluation of Intraoperative Surgical Adjuncts and Resection of Glioblastoma (ELISAR GB) - A UK and Ireland, multicentre, prospective observational cohort study	Dr Georgios Solomou
11:29	Top Scoring Paper Adult glioma - Preliminary evidence of antitumour activity of Ipatasertib (Ipat) and Atezolizumab (ATZ) in glioblastoma patients (pts) with PTEN loss from the Phase 1 Ice-CAP trial	Dr Juanita Lopez
11:36	Top Scoring Paper Adult glioma - The use of cannabinoid and non-cannabinoid supplementary therapies in patients undergoing treatment for Glioblastoma reveals an urgent need for guidance	Dr Ruchi Maniar
11:43	Top Scoring Paper Adult glioma - GlioCova - Treatment and hospital admissions for patients with GBM in England	Ms Radvile Mauricaite
11:50	Q&A	
12:00	Lunch and exhibition	

12:30 Sponsored Lecture | TAE Healthcare

SESSION 8 - RECENT ADVANCES AND UPDATES

13:00	Key Note Lecture Update on WHO classification and DNA methylation of CNS tumours	Professor David Capper
13:30	Trials update	Professor Michael Jenkinson
13:50	Q&A	
14:00	Young Investigator Award Supported by Brain Tumour Research	CHAIR: Professor Colin Watts
14:20	Q&A	

14:25

Comfort break and exhibition

Poster viewing

14:25 - 14:30

Exhibitor Showcase | Novocure

14:30 - 14:35

Exhibitor Showcase | TAE

SESSION 9 - CONTROVERSIES IN THE NEURO-ONCOLOGY MDT

14:40

Debate: Controversies in neuro-oncology MDT

SESSION 10 - CEREBRAL METASTASIS AND OTHER CNS TUMOURS

15:30

Developments in boron neutron capture therapy

Professor Stuart Green

15:50

Top Scoring Paper | Cerebral metastasis and other CNS tumours - Survival outcomes following LINAC based Stereotactic Radiosurgery/Stereotactic Radiotherapy (SRST) treatment of brain metastases - The Wessex experience

Dr Mark Noble

15:57

Top Scoring Paper | Cerebral metastasis and other CNS tumours - The role of brain biopsy in the diagnosis of CNS lymphoma

Ms Joy Roach

16:04

Top Scoring Paper | Cerebral metastasis and other CNS tumours - Efficacy and safety of CyberKnife stereotactic radiosurgery in acromegaly

Dr Rachel Lewis

16:11

Top Scoring Paper | Cerebral metastasis and other CNS tumours - Stereotactic radiosurgery combined with immune checkpoint inhibition for the treatment of melanoma brain metastases is associated with high levels of extracranial disease control and survivorship - An abscopal effect?

Dr Philip Webb

16:18

Top Scoring Paper | Cerebral metastasis and other CNS tumours - Characterising immune cell subsets of Tumour Infiltrating Lymphocytes (TILs) in brain metastases

Dr Priyakshi Kalita-de Croft

16:25

Q&A

SESSION 11 - CLOSE OF CONFERENCE

16:40

Closing remarks

Professor Colin Watts