Organising Committee

Professor Andrew King
Consultant Neurosurgeon, Salford Royal NHS Foundation Trust
Honorary Clinical Professor of Neurosurgery, University of Manchester

Mr H C Patel
Consultant Neurosurgeon, Salford Royal NHS Foundation Trust
Honorary Senior Lecturer, University of Manchester

Invited Faculty

Mr James Batchelor
Director of Clinical Informatics Unit and EDGE Programme Administrator, University of Southampton

Dr Steve Hopkins
Consultant Scientist, Salford Royal Hospital

Mrs Sharon Hulme
Research Manager, University of Manchester

Dr Stavros Stivaros
NIHR Clinician Scientist and Senior Lecturer, University of Manchester
Honorary Consultant Neuroradiologist

Mr Andy Vail
Reader in Biostatistics, University of Manchester
The British Neurosurgical Research Group
Meeting 2013
Antimicrobial Ventricular & Peritoneal Shunt Catheters

Ventricular Shunt Catheters
- Made of antiseptic radiopaque implant grade silicone
- Numbered cm marks
- Come with stylet and trocar

Peritoneal Shunt Catheters
- Made of two layers
  - Inner layer - antiseptic radiopaque implant grade silicone
  - Outer layer - pure silicone
- Prevention of calcification and micro-fractures

Silverline Shunt Catheters are compatible with all manufacturer’s shunt valves
Thursday 7th March 2013

12.00 Registration and lunch

13.00 Welcome

Invited Lecture
13.15 Neuro imaging in neurosurgical research
Dr Stavros Stivaros

Free Papers
13.45 Primary derivation of novel cell lines from rare brain tumours
Pathmanaban O, Yu K, Kamaly I, Williams K, Bigger B
13.55 Comparison of outcome between younger and older patients following intracranial meningioma resection
Poon M, Leung G
14.05 Intra-operative recording of the location of tissue sampling and direct cortical stimulation using a commercial neuro-navigation system
Coope DJ, Karabatsou K, Su Z, Bambrough J, Herholz K
14.15 A central role for PTEN and ErbB2 in a novel genetically engineered mouse model of malignant peripheral nerve sheath tumour
Brennan PM, Baily J, Diaz M, Ironside JW, Sansom O, Brunton V, Frame M
14.25 Invasive spinal schwannomas: a distinct entity
George KJ, Fehlings MG
14.35 Does intratumoural heterogeneity of perfusion and cellularity occur in glioblastomas? A multimodal imaging study
14.45 The use of an orthotopic xenograft model in the evaluation of novel therapeutics in glioblastoma: genistein
Yu K, Pathmanaban O, Kamaly I, Williams K, Bigger B

15.00 Refreshments

Update on Current Clinical Trials
15.30 STICH trials update
Prof David Mendelow
15.40 RESCUE studies update
Mr Peter Hutchinson
15.50 GALA-5 update
Mr Stephen Price
16.00 STASH update
Mr Peter Kirkpatrick
UKNSRN and BNTRC New Studies

16.10  British neurosurgical trainee research collaborative: a progress report

16.25  Proposal for a prospective multicentre audit of chronic subdural haematoma management in the United Kingdom and Ireland

16.40  The British antibiotic and silver impregnated catheters for ventriculoperitoneal shunts multi-centre randomised controlled trial (The BASICS trial)

16.55  Radiation versus observation following surgical resection of atypical meningioma: a randomised controlled trial (The ROAM trial)

17.10  Aminolevulinic acid fluorescence guided resection with insertion of carmustine wafers followed by concomitant and adjuvant temozolomide with radiotherapy in cerebral glioblastomas – a proposal for a feasibility and patient acceptability trial (the ACT-FACT study)
Price SJ, Roach M, Qian W, Spano H, Watts C, Barclay S

17.25  Doctors, nurses: a network revolution
Mr James Batchelor

17.45  Any other studies/discussion

Invited Lecture

18.00  Setting up clinical trials
Mr Andy Vail, Mrs Sharon Hulme

19.00  Close

19.30  Drinks reception*

20.00  Course dinner*

*Drinks reception and dinner are not included in the course fee
The British Neurosurgical Research Group
Meeting 2013

Friday 8th March 2013

Free Papers

09.00 Early management of head injuries in a district general hospital and compliance with NICE guidelines 2007
Das S, Nazir H, Mülmenstädt M, Nugud O

09.10 Differentiating glycolysis from pentose phosphate pathway metabolism of glucose after TBI: a pilot study using $1,2^{-13}$C$_2$ glucose microdialysis in human muscle and brain
Jalloh I, Carpenter KLH, Howe D, Mason A, Grice P, Helmy A, Gallagher CN, Murphy MP, Carpenter TA, Menon DK, Pickard JD, Hutchinson PJ

09.20 Pharmacokinetic study of vigabatrin in brain and blood of patients with traumatic brain injury
Shannon RJ, Carpenter KLH, Timofeev I, Nortje J, Czosnyka M, Pickard JD, Hutchinson PJ

09.30 An update on Eurotherm3235Trial: European study of therapeutic hypothermia 32-35°C for ICP reduction after traumatic brain injury
Patel H

09.40 Is ROTEM a rapid, positive predictor of coagulopathy in the neurointensive care population of patients?
Rudd J, Williams A, Moor P, Welchman S, Whitfield P

09.50 Treatment of traumatic brain injury with cell therapy combined with tissue engineering
Mahmood A

10.00 Surgical management of acute subdural haematomas: current practice patterns in the United Kingdom and the Republic of Ireland

10.10 Distinct expression of cytokines and chemokines in pericontusional brain
Guilfoyle MR, Helmy A, Shannon RJ, Carpenter KLH, Hutchinson PJA

10.20 Nitric oxide products (NOx) in human brain microdialysates and their relationship with cerebrovascular pressure reactivity and energy metabolism in traumatic brain injury
Carpenter KLH, Shannon RJ, Timofeev I, Czosnyka M, Al-Rawi PG, Smielewski P, Menon DK, Pickard JD, Hutchinson PJ

10.30 Acute inhibition of JNK pathway improves long-term neuroimaging and behavioural outcomes after juvenile traumatic brain injury in rats

10.40 Refreshments

Invited Lecture

11.00 Biomarkers in neurosurgical research
Dr Steve Hopkins
Programme

Free Papers

11.30 Prospective evaluation of new method of dural sealant for watertight dural closure
   Eljamel S, Kawsar K, Kameda-Smith M, Fam D, Canty M

11.40 A prospective cohort study into the effect of obesity on outcomes following lumbar discectomy
   Brennan PM, Watson N, Bhatt P, Bodkin P

11.50 CSF drain infections: could interleukin-6 IL-6 be an early predictor?
   Kitchen WJ, Hopkins S, Tyrrell P, King AT

12.00 SCIL study – an update
   Galea J, Hulme S, King A, Hopkins S, Rothwell N, Tyrrell P

12.10 Systemic inflammation impairs cerebral blood flow after focal cerebral ischaemia
   Murray KN, Holmes WM, Davies KE, Williams SR, Parry-Jones AR, Allan SM

12.20 Haemoglobin scavenging following subarachnoid haemorrhage

12.30 Impact of NICE guidelines on 30 day mortality in intracerebral haemorrhage patients referred for surgical management
   Abid K, Patel HC, Vail A, King A, Tyrrell PJ, Parry-Jones AR

12.45 Closing remarks
   Professor Liam Gray

13.00 Lunch and close
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