NIHR STROKE RESEARCH WORKSHOP 2017

Date: 11 and 12 September 2017 Location: Clare College, Cambridge

Arranged under the auspices of the NIHR CRN Stroke Speciality.
Supported by the British Heart Foundation, BASP, and Eastern CRN and Royal College of Physicians and Surgeons in Glasgow (RCPSG).

Objectives

1. Inform and attract a broad audience to Stroke research as a career.
2. Target areas of research need one of which is laboratory and translational research.
3. Capacity building- inspiring new recruits and ensuring success of those who have entered research.
4. Provide a forum for young researchers to link with experienced stroke research groups.
5. Provide a collaborative forum to discuss translational stroke research.

Audience

Trainees at all stages of Stroke research:

- Medical students
- CMT/FY considering entering Stroke
- Junior SPRs considering Stroke research
- Research, trainees undertaking a PhD or MD
- Post-doctoral stroke researchers
- Stroke fellows
- Non-clinical Stroke researchers

All Consultant level staff at all stages are welcome to attend.

Markedly subsidised rate will be available for all trainees and non-clinical researchers within 3 years of first post doc post.

Abstract submissions are invited for oral and poster presentation – details will be sent after registration if requested at registration.

CPD approval from RCP: 12 credits.
Programme

11th September

12.00 Lunch

Introductory lecture

13.00 Stroke Research in 2017: What has been achieved and what we still need to discover?
John Bamford, Leeds

Stroke Recovery

Chair: Helen Rodgers

13.40 Stroke Recovery - What is the Future?
Nick Ward, UCL

14.10 Stem Cells to repair the Damaged Brain
Keith Muir, Glasgow

14.40 Microglial TREM2 controls subacute CNS myeloid cell accumulation and reactivity and promotes injury resolution and functional recovery after ischaemic stroke
Barry McColl, Edinburgh

15.00 Tea

15.15 Poster session
Poster presenters to stand by posters

How to:

Chair: Gary Ford

16.15 How to get started in Stroke Research- Navigating the Pathway and obtaining funding
Tom Robinson, Leicester

16.30 How to design a Stroke Study?
Will Whiteley, Edinburgh

16.50 How to get a paper accepted?
(Tbc.)

17.10 Stroke Association funding schemes
Richard Francis, Stroke Association

17.20 How to make an impact in Stroke Research; Tips for a Young Researcher
Peter Rothwell, Oxford

18.00 Close

19.30 Dinner
12th September

Intracerebral Haemorrhage

Chair: Christine Roffe

9.00    ICH- The Known Knowns and the Unknown Knowns
        Rustam Al-Shahi Salman, Edinburgh

9.30    Translational Approaches to Investigating and Treating Inflammation after Intracranial Haemorrhage
        Adrian Parry-Jones, Manchester

10.00   Snapshot: Zebrafish Model of Intracerebral Haemorrhage
        Paul Kasher, Manchester

10.20   Randomised trials of stroke due to intracerebral haemorrhage: systematic review of trial
        characteristics, risk of bias, sample size, and effect size.
        Arina Tamborska, Edinburgh, (Medical Student Jane White Award)

10.35   Early mobilisation after intracerebral haemorrhage
        Joshua Rowland, Manchester, (Medical Student Jane White Award)

10.50   Coffee break

New frontiers in Stroke Research – the era of Personalised Medicine?

Chair: Stuart Allan

11.20   The Omics Revolution- What can it contribute to Cardiovascular Disease and Stroke?
        Adam Butterworth, Cambridge

11.50   Genomics in Stroke
        (Tbc.)

12.20   Snapshot: Using iPSC models of Genetic Stroke to understand Disease Mechanisms
        Alessandra Granata, Cambridge

12.40   The relationship between early neurological deterioration and whole blood purine concentration
        Alex Martin, Newcastle

12.55   Identifying cerebral injury in acute stroke using metabolic imaging biomarkers
        George Harston, Oxford

13.10   Lunch

Cognitive and Behavioural Problems Post-Stroke

Chair: Philip Bath

14.10   Post-Stroke Cognitive Decline- What we know and what we need to know?
        Terry Quinn, Glasgow

14.40   Using MR to understand why patients with Small Vessel Disease suffer Cognitive Decline
        Anil Tuldahar, Nijmegen, Netherlands
Apathy in cerebral small vessel disease: a syndrome of white matter tract disconnection
Jonathan Tay, Cambridge

Lacunar infarction and microbleeds in a mouse model of vascular cognitive impairment produced by hypoperfusion.
Tracy Farr, Nottingham

Close and poster prizes

End of meeting

Posters

Posters to be on display throughout the meeting and possible to view during all breaks.
Poster presenters to stand by posters during poster session on 11th.
There will be a poster prize awarded at the closing session.

Clinical frailty is independently associated with 28-day mortality after ischaemic stroke.
Benjaman To, Cambridge (Medical Student Jane White Award)

VeRSE: Vertical Reading Strategy Efficacy for Homonymous Hemianopia after Stroke - A Feasibility Study.
Lauren Hepworth, Liverpool

Health inequalities in the attendance of post-stroke visual outpatient appointments.
Kerry Hanna, Liverpool

Developing and evaluating a low cost bedside stroke scoring system for potential use in a pre-hospital trial.
Daria Antipova, Aberdeen

The impact of regional centralisation of acute stroke care upon admission, scanning and thrombolysis times: An interrupted time series evaluation.
Mat Elameer, Newcastle

Total Small Vessel Disease Score and risk of recurrent stroke – validation in two large cohorts.
Gary Lau, Oxford

Nicholas Evans, Cambridge

Enhancing cognitive recovery and mood through music – current evidence and future directions.
Satu Baylan, Glasgow

Patient navigation scores versus perceptions of adaptation in stroke induced hemianopia.
Claire Howard, Liverpool

Adrenergic-mediated loss of splenic marginal zone B cells contributes to infection susceptibility after stroke.
Laura McCulloch, Edinburgh

Expected Thrombectomy Caseload.
Rhannon Lobo, London

Does therapeutic modulation of inflammation following subarachnoid haemorrhage reduce the frequency of long-term symptoms.
Gauri Vithlani, Manchester