

# UK Stroke Research Workshop 2024

Organised by the NIHR Stroke Research Specialty Group

**Tuesday 17th and Wednesday 18th September 2024**

**Keele Hall, Keele University**

Organised under the auspices of the NIHR Stroke Speciality Group and hosted by the Stroke Research Group, Keele University the 2024 UK Stroke Research Workshop is generously supported by the NIHR, British and Irish Association of Stroke Physicians and the Stroke Association.

It will be held on 17th and 18th September 2024 at Keele Hall, Keele University, Stoke - on - Trent following highly successful workshops held in Cambridge, Manchester, Leicester, Sheffield and London. There will be updates on the latest stroke research including sessions on stroke in the young, developments in stroke rehabilitation, mechanisms in vascular dementia, biomarkers in stroke and controversies in acute stroke.

## Programme

**Tuesday 17th September 2024**

**1025:- Welcome**

**Interactive Workshop: Designing and Implementing a stroke research study**

*The workshop will cover how to design a stroke research project, how to navigate research costing and the changing landscape of CRN support.*

**1030-1050: - Different designs for different studies**

*Dr Lisa Shaw, Newcastle University*

**1050 – 1110: - Choosing the right question**

*Prof Philip Bath, University of Nottingham*

**1110- 1130: How to cost a study – SOECAT and more**

*West Midlands CRN representative*

**1130 – 1150: Changes in the CRN infrastructure**

*Prof Chris Price, Newcastle University*

1200 – Lunch

**Session I: Stroke in the Young**

**1300-1320: Epidemiology of stroke in the Young**

*Dr Linxin Li, University of Oxford*

**1320-1325: Discussion**

**1325-1345: Stroke in HIV**

*Dr. Laura Benjamin, University College London*

**1345-1350: Discussion**

**1350-1410: Sickle cell disease: the dawn of new genetic treatments**

*Dr Shivan Pancham, Sandwell and West Birmingham NHS Trust /Dr Francesca Kinsella, University of Birmingham*

**1410-1415: Discussion**

**1415-1425: Submitted abstract**

*TBC*

**1425-1435: Submitted abstract**

*TBC*

**1435-1540: Poster tours (with tea/coffee)**

**Session II: New developments in stroke rehabilitation**

**1540-1600: Transmagnetic stimulation in stroke – from animals models to man**

*Prof Rick Dijkhuizen, University Medical Centre, Utrecht, The Netherlands.*

**1600-1605: Discussion**

**1605-1625: Visual perception and assessment after stroke**

*Dr. Kathleen Vancleef, Durham University*

**1625-1630: Discussion**

**1630-1650: The Oxford Stroke Recovery Research Hub**

*Rebecca Truby, University of Oxford*

**1650-1655: Discussion**

**1655-1705: Submitted abstract**

**1705-1715: Submitted abstract**

**1715: Close**

**Conference Dinner: Keele Hall**

**Wednesday 18th September 2024**

**Session III: Mechanisms in Vascular Dementia**

**0900-0920: Post stroke dementia – what's new?**

*Prof Sarah Pendlebury, University of Oxford*

**0920-0925: Discussion**

**0925-0945: Modelling vascular dementia in a dish – the search for new therapies?**

*Dr. Alessandra Granata, University of Cambridge*

**0945-0950: Discussion**

**0950-1010: Neurovascular physiology in small vessel disease**

*Dr Alastair Webb, University of Oxford*

**1010-1015: Discussion**

**1015-1025: Submitted abstract**

*TBC*

**1025: Posters (with tea/coffee)**

**Session IV: Biomarkers in stroke**

**1135-1155: Multiomics in stroke**

*Prof Stephanie Debette, University of Bordeaux*

**1155-1200: Discussion**

**1200-1220: Extracellular vesicles and stroke risk**

*Prof Philip James, Cardiff Metropolitan University*

**1220-1225: Discussion**

**1225-1245: Autoimmune AF**

*Prof Jin L, University Hospital Zurich*

**1245-1250: Discussion**

**1250-1300: Submitted abstract**

*TBC*

**1300: Lunch**

**Session V: Controversies in stroke**

**1400-1410: Submitted abstract**

*TBC*

**1410-1430: Combination therapy with neuroprotection in acute stroke – the future?**

*Prof Johannes Boltze, University of Warwick*

**1430:1435: Discussion**

**1435-1455: Early detection of stroke – the value (or not) of AI**

*Prof Iris Grunwald, University of Aberdeen*

**1455-1500: Discussion**

**1500-1550: The continued Ying and Yang of uric acid**

**1500-1520: FOR**

**1520-1540: AGAINST**

**1540-1550: Discussion**

**1550: Concluding remarks and prizes**

**1600: Close**