



UK Stroke Research Workshop 2025

Wednesday 3rd and Thursday 4th September 2025

David Shaw Lecture Theatre, The Medical School, Newcastle University.

The British and Irish Association of Stroke Physicians, the Stroke Association and NIHR RDN Stroke National Specialty Group are delighted to support the 2025 UK Stroke Research Workshop at Newcastle University. This follows highly successful workshops held in Cambridge, Manchester, Leicester, Sheffield, London and Keele. The first morning is an workshop for doctors in training and medical students. High scoring submitted abstracts will be offered oral presentation. Posters of submitted abstracts will be on display during the meeting.

Website: <https://www.strokeworkshop.uk/> Registration opens Spring 2025.

Location: David Shaw Lecture Theatre, The Medical School, Newcastle University. NE2 4HH
what3 words: ///dance.rival.wished Nearest public car parking is Claremont Road

Programme

Wednesday 3rd September 2024

1020 Welcome

10.30- 12.15: Workshop: Big Data and Stroke– an introduction for early career researchers

Chairs: Will Whiteley / Chris Price

10:30 Big data - an overview illustrated by the BHF Data Science Centre - Will Whiteley (Edinburgh)

10:50 Getting big data fit for analysis – Health Data Science Team, HDRUK

11:10 Machine learning analysis: orientation for the novice – Mike Allen (Exeter)

11:30 Example of machine learning analysis for a stroke PhD – Hannah Lumley (Newcastle)

11:40 Discussion

11:50 Planning a research question

12:15 – 1300 Lunch, posters and non-trainees arrival

Session I: Brain and heart

Chair: TBC

1300-1320: Different types of AF and their implications: Alan Cameron (Glasgow)

1320-1325: Discussion

1325-1345: Identifying Biomarkers to predict the risk of recurrent stroke from AF- a journey of discovery: TBC

1345-1350: Discussion

1350-1410: Heart–brain axis in health and disease: role of innate and adaptive immunity

Alba Simats (Barcelona)

1410-1415: Discussion

1415-1425: Submitted abstract

1425-1435: Submitted abstract

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

Session II: Intracerebral haemorrhage

Chair: TBC

1540-1600: Classification, diagnosis and prognosis in ICH: Adrian Parry Jones (Manchester)

1600-1605: Discussion

1605-1625: How animal models help us understand ICH: Paul Kasher (Manchester)

1625-1630: Discussion

1630-1650: What is the inflammatory contribution to the injury of ICH: Barry McColl (Edinburgh)

1650-1655: Discussion

1655 – 1705: Submitted abstract

1705-1715: Submitted abstract

1715: Close Day 1

Thursday 4th September 2025

Session III: Less common causes of stroke

Chair: TBC

0900-0920: Update on CADASIL and monogenic forms of small vessel disease: Saskia Lesnik Oberstein (Leiden)

0920-0925: Discussion

0925-0945: Cerebral venous thrombosis; new treatment approaches: TBC

0945-0950: Discussion

0950-1010: Moya-Moya disease – the case for revascularisation: Mario Teo (Bristol)

1010-1015: Discussion

1015-1025: Submitted abstract

1025-1035: Submitted abstract

1035-11.25: Posters (with tea/coffee)

Session IV:

Translational rehabilitation research

Chair: TBC

1125-1145: The science behind motor imagery: Dan Eaves (Newcastle)

1145-1150: Discussion

1150-1210: Neural substrates for the flexor synergy: Stuart Baker (Newcastle)

1210-1215: Discussion

1215-1235: Understanding and developing new treatments for neglect after stroke. Stephanie Rossitt (University of East Anglia)

1235-1240: Discussion

1240-1250: Submitted abstract

1250-1300: Submitted abstract

1300: Lunch

Session V : Vascular cognitive impairment

Chairs: TBC

1400-1410: Submitted abstract

1410-1420: Submitted abstract

14.20-14.40: Mechanisms underlying VCI- insights from experimental studies: Karen Horsborough, (Edinburgh)

14.40-14.45: Discussion

14.45-15.05: Immune responses after stroke and the impact on cognition: Craig Smith (Manchester)

15.05-15.10: Discussion

15.10-15.30: What can data science tell us about cognitive decline after stroke? Eugene Tang (Newcastle)

15.30-15.35 : Discussion

1540: Concluding remarks and prizes

1600: Close