

News from the Network

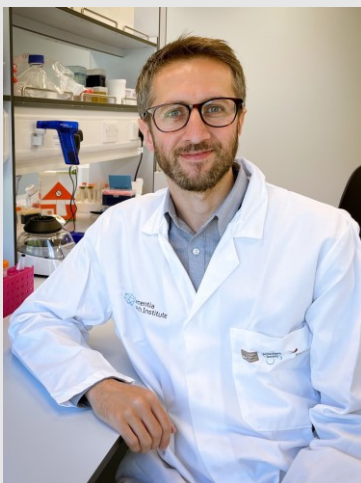
Recent news

- [Dr Jose Bernal Moyano](#), [Dr Una Clancy](#) and [Dr Beth York](#) successfully defended their PhD theses. Congratulations!
- SVD Research scientists presented at [ESOC 2022](#) - one of the most prestigious international conferences in the field stroke research.
- [Mild Stroke Study 3 \(MSS3\) completed participant recruitment](#) in December 2021. The study completed the 230th baseline visit.
- UK Dementia Research Institute (UK DRI) launched a new [online brochure](#) aiming to highlight the progress of the Centre. The UK DRI recognises [7 research themes](#), including the vascular theme led by [Prof Joanna Wardlaw](#).
- STV visited the [Edinburgh Imaging](#) facilities in April 2022. The interviewers spoke with [Professor Joanna Wardlaw](#) and other researchers about dementia research in Edinburgh. [Read more](#)
- LACI-2 completed participant recruitment.
- A new SVDs Centre linked with another Leducq funded network ([Stroke-IMPACT](#) Stuart Allan, Manchester/Barry McColl Edinburgh) has been established in Manchester

- The UK DRI & DPUK Workshop 'Experimental models of vascular disease and cognitive impairment' took place in Manchester in March

Awards and recognitions

- [Professor Joanna Wardlaw](#) received the 2021 British Neuroscience Association Prize in December 2021. [Read more](#)
- [Dr Tom MacGillivray](#) received the SINAPSE / CSO award. [Read more](#)
- Leducq researchers [Prof Wardlaw](#), [Prof Zlokovic](#) and [Prof Nedergaard](#) were recognised as Clarivate highly cited researchers 2021. [Read more](#)
- [Row Fogo Charitable Trust](#), received the Distinction of University Benefactor status at the University of Edinburgh Winter Graduations 2021.
- Publication associated with [RIKEN and The School of Informatics collaboration](#) received Best Publication Award at MICCAI 2021. [Read more](#)
- Several Imaging Academy tutors have been nominated for the [EUSA Teaching Awards 2022](#).



Network Member Profile – Dr Axel Montagne

Dr Axel Montagne is a Chancellor's Fellow and Group Leader at the UK Dementia Research Institute at Edinburgh. His career has focused on how cerebrovascular dysfunctions contribute to neurodegeneration and dementia using both animal models and human datasets. In his [UK DRI program](#), he combines molecular approaches with rodent non-invasive imaging, particularly PET-MR & two-photon microscopy, to study the causes and effects of blood-brain barrier (BBB) dysfunction, with a particular focus on the pericyte-endothelial crosstalk, in the context of neurodegenerative disease. Axel was recently awarded a prestigious MRC Career Development Award for his project "Interplay between brain endothelial cells and pericytes in brain health and disease". He also received the SCOR Foundation Young European Researcher Prize 2022 for his research on Alzheimer's disease. In his spare time, Axel enjoys spending time with his family, playing with his son, playing guitar, hiking, and all sorts of sports activities including football and tennis.

Read about Dr Montagne's research: montagnelab.com
Twitter: @MontagneLab

- SVD Research welcomed short term students completing their research projects as part of the team. [Read more](#)
- [Yajun Cheng](#) has returned back to China after completing his one year with the Small Vessel Disease Research as an exchange student. Thank you for your input and stay in touch.

Student matters

- Get useful [tips for statistical analysis](#) from the [Row Fogo Centre for Research into Ageing and the Brain](#) website.
- New calls for the [PhD in Precision Medicine 2023](#) will be advertised in October 2022. Check the [Row Fogo Centre for Research into Ageing and the Brain](#) website for [PhD opportunities](#).

Lecture recordings and press releases

- [Dr Maria Valdes-Hernandez](#) gave a lecture titled "Deep Learning and Medical Imaging website". View [lecture slides](#)
- View video recordings from [lectures](#) and [scientific presentations](#) available on the [Row Fogo Centre for Research into Ageing and the Brain](#) website

Upcoming events

- [Organisation for Human Brain Mapping \(OHMB\) 2022: 7-8 June 2022](#)
- [26th UK Conference on Medical Image Understanding and Analysis \(MIUA 2022\): 27-29 July 2022.](#)
- [UK Stroke Forum, Liverpool 29th Nov -1st Dec](#)

Selected publications

- [Rudilosso et al \(2022\) Prevalence and Significance of the Vessel-Cluster Sign on Susceptibility-Weighted Imaging in Patients With Severe Small Vessel Disease](#)
- [Wardlaw & Liebesskind \(2022\) Not Just Blood: Brain Fluid Systems and Their Relevance to Cerebrovascular Diseases](#)
- [Clancy et al \(2022\) Impact of Small Vessel Disease Progression on Long-term Cognitive and Functional Changes After Stroke](#)
- [Benveniste & Nedergaard \(2022\) Cerebral small vessel disease: A glymphopathy?](#)
- [Blair et al \(2022\) Effects of Cilostazol and Isosorbide Mononitrate on Cerebral Hemodynamics in the LACI-1 Randomized Controlled Trial](#)
- [Li et al \(2022\) Impaired Glymphatic Function and Pulsation Alterations in a Mouse Model of Vascular Cognitive Impairment](#)
- [Loan et al \(2022\) Secondary injury and inflammation after intracerebral haemorrhage: a systematic review and meta-analysis of molecular markers in patient brain tissue](#)
- [Stevenson et al \(2022\) A comparison of blood and brain-derived ageing and inflammation-related DNA methylation signatures and their association with microglial burdens](#)
- [Stringer et al \(2021\) Tracer kinetic assessment of blood-brain barrier leakage and blood volume in cerebral small vessel disease: Associations with disease burden and vascular risk factors](#)
- [Wardlaw, Benveniste and Williams \(2022\) Cerebral Vascular Dysfunctions Detected in Human Small Vessel Disease and Implications for Preclinical Studies](#)
- [Wiseman et al \(2022\) Measuring axial length of the eye from magnetic resonance brain imaging](#)
- [Zhang et al \(2021\) Relationship between inferior frontal sulcal hyperintensities on brain MRI, ageing and cerebral small vessel disease](#)

View other research outputs available on the [Row Fogo Centre for Research into Ageing and the Brain](#) website

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[Small Vessel Disease Research – Edinburgh Research Explorer](#) | [Leducq Network publications](#)

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Have you recently received an award?
Got an article you wish to share with the Network?
Want to help with organising an event?

Get in touch:
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