

News from the Network:

- [Professor Joanna Wardlaw](#) was awarded the 'Scottish Dementia Research Consortium (SDRC) Most Published Author: 2019' (jointly with Dr Graciela Muniz Terrera) in September. The prize award was followed by a keynote talk titled "Research in Vascular Dementia 2019-20". Congratulations! [Link](#)
- [Dr Jonathan Moss](#) secured a grant from UK DRI. The award will enable him to extend his work on electron microscopy. Congratulations!
- The annual SVD Network Meeting is being organised. Anticipated dates: 4th or 18th February 2021. Updates will be sent closer to date. Please, keep these dates in your diaries.
- Small Vessel Disease Research scientists will present during the upcoming European Stroke Organisation Virtual Conference, held between 7th-9th November 2020. [Registration link](#).
- September is the international [World Alzheimer's Month](#) - to raise awareness and challenge the stigma that surrounds dementia. Join discussion: [#WorldAlzheimersMonth](#)

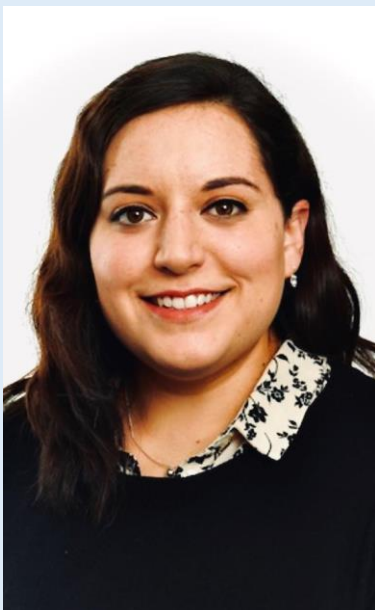


THE UNIVERSITY of EDINBURGH
Row Fogo Centre for Research
into Ageing and the Brain

Small Vessel Diseases Research

- Being officially recognised as a Research Centre in 2018, The Row Fogo Centre for Research into Ageing and the Brain launched a new [website](#). Content includes a comprehensive description of the Centre research activity, updates on recent publications, news and organised events. The website contains information for PhD candidates and medical imaging researchers about related programmes and courses, and for visiting staff and students on how to join SVD Research Groups. The website gives a breadth of ways to fundraise and donate to support SVD research.
- Successful MS Centre grant application. Congratulations to everyone involved!

Network Member Profile: Daniela Jaime Garcia



Daniela Jaime Garcia is a research assistant for clinical studies of small vessel disease in Professor Joanna Wardlaw's research group. She has a background in neuroscience and has a Stroke Medicine MSc from the Institute of Neurology at University College London and is set to begin a Wellcome Trust PhD in Translational Neuroscience this month at the University of Edinburgh. Her main research interests include examining the risk factors and cognitive effects of small vessel disease and vascular dementia as well as neurorehabilitation and cortical plasticity post-stroke. Currently, Dany is involved in the coordination, data-collection, and data management aspects of several studies of SVD. These include the Mild Stroke Study 3, a longitudinal imaging study examining features of small vessel dysfunction aimed at identifying factors of disease progression/regression and TREAT-SVDs, an interventional study examining the effects of blood-pressure lowering agents on microvascular function in patients with SVD. In her free time, Dany enjoys playing tennis, cooking and most recently, cycling.

- [Dr Maria Valdes-Hernandez](#) delivered two free online courses "Introduction to Deep Learning for Medical Imaging" on the [28th April](#) and [11th May 2020](#), which were fully booked.
- The Row Fogo Centre members presented their work at [MIUA](#) and [Human Brain Mapping](#).
- [Leducq Transatlantic Network of Excellence](#) researchers released publications on [APOE4 and BBB dysfunction](#) and [Cerebrospinal fluid influx drives acute ischemic tissue swelling](#).
- [10th UK & Ireland Early Career Blood-Brain Barrier Symposium](#): 22nd-24th November 2020, the Royal College of Physicians, Edinburgh. Abstract submission (deadline: 9th October) and registration (free; deadline: 22nd October); Twitter: [@ECR BBB Symp](#); [Programme](#)
- New journal announcement: [Machine Learning for Biomedical Imaging](#) (MELBA) - a new web-based journal devoted to free and unrestricted access to articles in the field of machine learning and biomedical imaging. Publication fee is \$10.
- [Dr Una Clancy](#) won the Judges Prize and the Audience Vote Prize at the Royal Society of Medicine Geriatrics and Gerontology Section: Clinical governance, audit and research prize 2020 for her talk on the Mild Stroke Study 3. Congratulations! [Link](#)
- [Dr Michael Stringer](#) won the BioQuarter Postdoc Appreciation Week Prize for Research Supervision. Congratulations!
- [Alasdair Morgan](#) presented during the 12th SINAPSE virtual conference. [Link](#)
- [Professor Joanna Wardlaw](#) gave her talk "Neuroimaging of White Matter Hyperintensities" during AAIC 2020. [Link](#)
- The SVD Research has a new Pure account featuring a comprehensive record of research activity. [Link](#)
- The SVD Research Group has a new e-mail account: SVDs@ed.ac.uk for receiving external enquiries.

Datasets

Hoban et.al.(2020) [Systematic review on the variability of the human brain arterial territories assessed using neuroimaging methods](#)

Recent publications

Wardlaw *et al* (2020) [Protocol: The Lacunar Intervention Trial 2 \(LACI-2\). A trial of two repurposed licenced drugs to prevent progression of cerebral small vessel disease](#)

Zhang *et al* (2020). [The Application of Optical Coherence Tomography Angiography in Cerebral Small Vessel Disease, Ischemic Stroke, and Dementia: A Systematic Review.](#)

Jochems *et al* (2020) [Relationship Between Venules and Perivascular Spaces in Sporadic Small Vessel Diseases.](#)

Clancy *et al* (2020) [Rationale and design of a longitudinal study of cerebral small vessel diseases, clinical and imaging outcomes in patients presenting with mild ischaemic stroke: Mild Stroke Study 3](#)

Rachmadi *et al* (2020) [Automatic spatial estimation of white matter hyperintensities evolution in brain MRI using disease evolution predictor deep neural networks](#)

Bernal *et al* (2020) [Examining the relationship between semiquantitative methods analysing concentration-time and enhancement-time curves from dynamic-contrast enhanced magnetic resonance imaging and cerebrovascular dysfunction in small vessel disease](#)

Stringer *et al* (2020) [A Review of Translational Magnetic Resonance Imaging in Human and Rodent Experimental Models of Small Vessel Disease](#)

Ballerini *et al* (2020) [Quantitative measurements of enlarged perivascular spaces in the brain are associated with retinal microvascular parameters in older community-dwelling subjects](#)

Small Vessel Disease Research – Edinburgh Research Explorer | Leducq Network publications

Volunteers needed!

If you are interested in helping to organise the next SVD network event, please contact:
agnieszka.czechon@ed.ac.uk

Any news of interest?

Got an article to contribute?

Get in touch:

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Small Vessel
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