



The Genome, The Bleed and The Clot

Past, Present, and Future News from the ISGC
Issue 3 – May 15th, 2023

What's in the news?

Highlights from the 28th ISGC Workshop in Melbourne

- Historically, science has been used to disadvantage First Nations, leading to a lack of trust. We need to respect the 'sacred gift' of genetics to encourage participation.
- The amazing work by the Asia-Pacific ISGC Partners!
- Review about leveraging Mendelian Randomization.
- The ISGC is moving towards a multi-omic view of stroke.
- Highlights the extreme importance of all ethnic group representation.



ISGC lead session at the 2023 ESOC

May 24th 5pm to 6.30pm (ECT) 

Stroke Genomics: Decoding the Future of Interventions

- Polygenic Risk Scores, new spin! Use of rare variants.
- Calling CNVs: GWAS data reproposing. Building better and faster algorithms. The CanVas Study.
- Neuronal Vulnerability and resilience in Ischemic Stroke. The power of single-nuclei studies.
- Stroke Recovery, the importance of good phenotyping, numbers, genetic factors, networks, location, etc..
- China Hospital Based Registries more than 100,000 samples from participants! [Stroke Omics Atlas](#)
- Did you miss it!? Check our Twitter @StrokeGenetics



Town Hall Meeting



The importance of in-person meetings | Promotion of women in science | ISGC membership fee | Steer Committee two-year rule

The Market



Postdoctoral position: Development and Clinical Implementation of Stroke Polygenic Risk Scores at the Stroke Precision Lab 

marios.georgakis@med.uni-muenchen.de

The Community



28th ISGC
Melbourne



Upcoming Events

- ISGC Workshop – Boston (US) – 12–14 October 2023 
- New ISGC Promoting Women in Science Working Group. Interested? Contact: ibanezl@wustl.edu

Early Career Corner

The Early Career Researcher (ECR) Working group aims to promote, facilitate, and advance early career researchers in the field of stroke genetics. The ECR WG will meet monthly every 4th Friday at 11am (US-EST) via Zoom. Interested? Contact us: jcole@som.umaryland.edu