



# The Genome, The Bleed and The Clot

Past, Present, and Future News from the ISGC  
Issue 2 – Feb 15<sup>th</sup>, 2023


## What's in the news?

### Upcoming 28<sup>th</sup> ISGC Workshop in Melbourne

- Challenges of Cardiovascular and Cerebrovascular Genetic Research in Indigenous and First Nations Peoples
- The Potential of Multi-Omic Studies in Stroke
- Translational Science: From Genetic Discovery to the Clinic
- Breakfast Early Career Sessions
- Mentoring Session: Challenges for Women and Non-Binary people in Science



ISGC lead session at the 2023 ESOC

May 24<sup>th</sup> 5pm to 6.30pm (ECT) 

### Stroke Genomics: Decoding the Future of Interventions

### Polygenic Susceptibility to Hypertension and Blood Pressure Control in Stroke - Acosta *et al.*

Genetic predisposition to high blood pressure is an important determinant of poorly controlled blood pressure in stroke patients.

### Genetic Risk Score for Intracranial Aneurysm: Prediction of subarachnoid Hemorrhage and Role in Clinical Heterogeneity - Bakker *et al.*

Genetic risk partially explains the clinical heterogeneity in intracranial aneurysms.

### Genetically Predicted Smoking and Alcohol Consumption and Functional Outcome After Ischemic Stroke - Zhang *et al.*

Genetic predisposition supports a causal association of smoking and poor post-stroke outcome.

### Radiomics-derived brain age predicts poor functional outcome after acute ischemic stroke - Bretzner *et al.*

Image-derived brain age reflects cardiovascular risk accumulation and is linked to poor recovery after stroke.

## The Market

Please contact us if you would like to announce available positions on the newsletter:

ISGC.CommunicationWG@gmail.com

## The Community



Where is Waldo?

The ISGC Community at the Bordeaux meeting.

## Upcoming Events

- ISGC Workshop - Melbourne (Australia) - 1-3 March 2023 
- ESOC - Munich (Germany) - 24-26 May 2023 

## Early Career Corner

### Copy Number Variants and Stroke

February 22<sup>nd</sup> 2.30pm to 4pm (US EST)

Zoom link will be distributed soon

Contact us: jcole@som.umaryland.edu

