



The Genome, The Bleed and The Clot

Past, Present, and Future News from the ISGC
Issue 7 – May 15th, 2024

What's in the news?

Highlights of the 30th ISGC Workshop in Munich

- Congratulations to Rainer Malik and Martin Dichgans on a fantastic meeting! Beautiful city, yummy food, cold beer, exciting science, and unique networking opportunities!
 - The PREVICTUS study is rocking it with awesome insights on stroke phenotypes and repurposing drugs through proteomics. Stay tuned!
 - Say hello to GENESIS-K, our new star in pharmacogenomic screening. Plus, we're getting savvy with machine learning to crack genetic complexity. Who knew data could be this fun?
 - Dive into the cutting-edge of neuroproteomics that's reshaping clinical trials and new imaging tech that's deepening our understanding of stroke.
- $\pi=3.12$ Science never looked so good!

Keynote Lectures in a Nutshell

- Stefan Lichtenthaler: The Power of Neuroproteomics
Protein changes in response to gamma secretase treatment in Alzheimer's Disease. Can we change the target?
- Eleftheria Zeggini: Genomics of Type II Diabetes Mellitus
Genetic risk scores to predict progression and complications and subtyping via PRS unsupervised clustering.

Awards at the 30th ISGC Workshop in Munich



Best Talk to Bibi Wolters
Best Poster to Kevin Nguyen

Updates from the Town Hall

- A new website is on the way! Working on transferring to a new server and updating contents. Keep an eye on your Inbox!
- Working groups need some revamping. The discussion will continue at the next ISGC encompassed with the website update.
- Research and available technologies are evolving, and so is the ISGC community. Thus, the ISGC now stands for The International Stroke GENOMICS Consortium to include all the *-omic* layers studied by our members and of relevance for the patients.

The Market



- PhD Student Position available at [University of Gothenburg](#)
Position is within Precision Medicine as a part of the National Data Driven Life Science Research School, which aims to better identify biomarkers that may help predict prognosis after ischemic stroke
University of Virginia
One stroke Faculty Position
1 Two-Year Stroke Fellowship | 1 yr. clinical, 1 yr. research
Contact: Bradford Worrall BBW9R@uvahealth.org

The Community



30th ISGC
Munich



Upcoming Events

- ESOC 2024 Basel (Switzerland): 15–17 May 2024
- ISGC 31st Workshop Los Angeles (US): 25–27 September 2024
- WSO 2024 Abu Dhabi (UAE): 23–26 October 2024

Early Career Corner

The ECR Working group wants your input on what skills you want to develop. Help shape the upcoming virtual workshops and teaching sessions. The ECR WG meet monthly every 4th Friday at 11am (US–EST) via Zoom. Interested? Contact us: jcole@som.umaryland.edu