

G-CAN 2023 EARLY CAREER INVESTIGATOR ABSTRACT SYMPOSIUM AWARD RECIPIENTS

G-CAN 2023 H. Ralph Schumacher Memorial Early Career Investigator Award

Riku Takei, United States; *Tony Merriman, Mentor*

Genetic colocalization of gout with plasma and urine metabolites.

SPARK (Select Presentation of Abstract Research Keynotes) Presenters

1. **Orsolya Gaal**, Cluj-Napoca, Romania; *Leo Joosten, Mentor*
Interleukin 1 receptor type I and II variation in patients with gout and hyperuricemic individuals.
2. **Dansoa Tabi-Amponsah**, Auckland, New Zealand; *Nicola Dalbeth, Mentor*
Dual energy computed tomography (DECT) urate volume predicts fulfillment of gout remission after two years of intensive urate-lowering therapy.
3. **Tom Niessink**, Enschede, Netherlands; *Cees Otto, Mentor*
Automated classification of Raman spectra for an objective diagnosis of crystal arthropathies.
4. **Nick Sumpter**, Birmingham, United States; *Tony Merriman, Mentor*
Why 6.8?
5. **Brenda Kischkel**, Nijmegen, the Netherlands; *Leo Joosten, Mentor*
Differences in the inflammatory proteome of gout patients during flare, inter-critical and T2T conditions reveals new biomarkers for the disease.
6. **Panagiota Drivelegka**, Gothenburg, Sweden; *Lennart Jacobsson, Mentor*
In-hospital treatment, secondary prevention, and mortality after first-ever acute myocardial infarction in patients with gout.
7. **Chesca Barrios**, Los Angeles, United States; *John Fitzgerald, Mentor*
Using a new engineering method, single-shot computational polarized light microscopy (SCPLM), in identifying crystals in synovial fluid.

MAPS (Mini-Lecture Abstract Presenters Session) PRESENTERS

1. **Lindsay Helget**, United States; *Ted Mikuls, Mentor*
Gout: A Gateway to Chronic Opioid Use?
2. **Allyson Covello**, New York, United States; *Michael Pillinger, Mentor*
Skeletal Muscle Mass and Quality in Gout Patients Versus Non-Gout Controls: A Computed Tomography Imaging Study.
3. **Vicky Tai**, Dunedin, New Zealand; *Nicola Dalbeth, Mentor*
An updated systematic review and meta-analysis of randomized controlled trials on the effects of urate-lowering therapy initiation during a gout flare.
4. **Medeea Badii**, Romania; *Leo Joosten, Mentor*
Sex-specific differences in cytokine levels in patients with gout compared to controls.
5. **Elizabeth Lopez**, Birmingham, United States; *Maria Danila, Mentor*
Socioeconomic disadvantage and Outpatient Follow-Up After an Emergency Department Visit for Acute Gout Flare.
6. **Silvia Sirotti**, Milan, Italy; *Georgios Filippou, Mentor*
Could the extent of CPP deposition provide novel insights in the pathogenetic mechanisms of CPPD? Preliminary results of an ultrasound study.
7. **Liu Shuang**, Shanghai, China; *Haibing Chen, Mentor*
Clustering of gout-related comorbidities and their relationship with gout flares: a data-driven cluster analysis of eight comorbidities.
8. **Silvia Sirotti** Milan, Italy; *Georgios Filippou, Mentor*
Histological characterization of menisci in patients with osteoarthritis and calcium pyrophosphate deposition (CPPD).
9. **Nick Sumpter**, Birmingham, United States; *Tony Merriman, Mentor*
Sex ratios in gout.
10. **Dansoa Tabi-Amponsah**, Auckland, New Zealand; *Nicola Dalbeth, Mentor*
The Patient Experience of Gout Remission: A Qualitative Study.
11. **Tom Niessink**, Enschede, the Netherlands; *Cees Otto, Mentor*
Identification of calcium crystals in pre-operative synovial fluid samples from patients with end-stage knee osteoarthritis.

12. **Ellen Prendergast**, Dunedin, New Zealand; *Lisa Stamp, Mentor*
Adherence to the Gout and Crystal Arthritis Network (G-CAN) Consensus Statements for Gout Nomenclature.
13. **Silvia Sirotti**, Milan, Italy; *Georgios Filippou, Mentor*
The impact of the 2011 EULAR recommendations for the nomenclature of CPPD in the terminology used in the literature.
14. **Nicole Leung**, New York, United States; *Michael Pillinger, Mentor*
Peripheral Arterial Disease and Sequelae in Individuals with Gout, Diabetes, or Both: A US Veterans Population-based Study.
15. **Gao Yining**, Shanghai, China; *Haibing Chen, Mentor*
Evaluation of early-life factors and future gout: a prospective cohort study.