G-CAN 2020 Sixth Annual Research Symposium
DRAFT AGENDA for “Virtual Meeting”

October 30, 2020: On-demand pre-recorded video/audio webcasts made available
November 4, 2020: 12:00 noon-16:30 in the afternoon USA Pacific Daylight Time: Live streaming session comprised of pre-recorded video/audio webcasts AND live responses by the speakers to moderator-selected comments and questions generated in the G-CAN chat room

CONFERENCE REGISTRATION: (TBD)

October 30 – November 13: On Demand Webcasts Available Online

60 minutes  
I. Gout and Hyperuricemia Clinical and Basic Research: The Year in Review  
Three 20-minute webcasts (to remain on the G-CAN website indefinitely)

- The Year in Review: Gout Pathophysiology – Nicola Dalbeth, New Zealand
- The Year in Review: Urate Biology and Comorbidities – David Mount, USA
- The Year in Review: Gout Clinical Research – Catherine Hill, Australia

~100 minutes  
II. G-CAN Early Career Investigator Virtual Poster Session  
Approximately 20 to 30 five-minute presentations of digitally posted material available November 2-16

110 minutes  
III. CPP and BCP Crystal-Associated Arthritis Mini Symposium

10-minute “lightning talks” via webcast; questions on each talk to be submitted by chat room mechanism prior to the live session and answered by authors at the end of the live session

- The Year in Review: CPP Crystal Deposition Disease – Abhishek Abhishek, UK
- Should We Think Differently About the Pathogenesis of CPP Crystal Deposition Disease? – Ann Rosenthal, USA
- OA, Calcium Crystal Deposition and Pain – Tuhina Neogi, Boston
- CPPD Classification Criteria Update – Sara Tedeschi, Boston
- CPPD Advanced Imaging – Georgios Filippou, Italy
- CPPD and Outcome of Knee OA – Pascal Richette, Paris
- New Insights into ANKH and Pathologic Cartilage Calcification – Yun Zhang, Oxford
- BCP Crystal Effects on Inflammatory Cells – Geraldine McCarthy, Dublin
- BCP Crystals, Wnt Signaling and Chondrocyte Differentiation in OA – Jessica Bertrand, Magdeburg
- BCP, Chondrocytes and the Circadian Clock – Raewyn Poulson, Auckland
- Hydrogen Sulfide and Basic Calcium Phosphate Deposition in Arthritis – Nathalie Busso, Lausanne

110 minutes  
IV. Advances in Uric Acid and Gout Basic Translational Biology Mini Symposium

10-minute “lightning talks” via webcast; questions on each talk to be submitted by chat room mechanism prior to the live session and answered by authors at the end of the live session

Moderators: Tania Crisan and Alex So

- Urate, XDH, and Vascular Oxidative Stress – Eric Kelley, West Virginia University
- The Effect of SLC2A9 and SLC22A12 Polymorphisms in Uric Acid Homeostasis – Cho Sungkweon, NIH/NCI
- Gene and Environment Interactions in Gout and Urate – Tanya Major, New Zealand
- The Big Gout GWAS – Tony Merriman, USA
- Epigenomics of Gouty Inflammation – Leo Joosten, Nijmegen
- Immunometabolism Targets for Inflammatory Arthritis in Gout – Ru Liu-Bryan, La Jolla.
- Circulating and Ex Vivo Cytokine Profiles in Patients with Gout and Hyperuricemia– Tania Crisan-Cluj-Napoca, Romania
- Common Statistical Myths in Basic Translational Biology– Yuqing Zhang, Boston
- Emerging Biomarkers of Inflammatory Pathogenesis in Gout – Robert Terkeltaub, La Jolla
- Complement Activation by Urate Crystals – Konstantin Neumann, Hanover, Germany
November 4 Live Virtual Session
12 p.m. – 4:40 p.m. Pacific Daylight Time US

12:00–12:10 Welcome and Introduction to G-CAN, Recognition of Industry Sponsors
G-CAN Co-Directors: Robert Terkeltaub (President) and Hyon Choi (VP and Treasurer)

12:10–2:20 Gout Clinical Minisymposium
Lightning Talks of 10 minutes each, with two 10-minute question periods
Moderators: Sarah Stewart and Hyon Choi

12:10-12:20 Real World Data for Gout Risk Related to SGLT2 inhibitors – Seoyoung Kim, Boston
12:20-12:30 Gout Management in Primary Care Practice – Stephen Juraschek
12:30-12:40 The 2020 ACR Gout Guidelines – John FitzGerald
12:40-12:50 G-CAN Gout Management in CKD Project Final Report – Lisa Stamp/Angelo Gaffo

12:50-1:00 Question Period

1:00-1:10 Urate Deposits in Coronary Arteries – Andrea Klauser,
1:10-1:20 Implications of PERL and CV-Renal Trials in Hyperuricemia and Gout Care – John Forman/Hyon Choi
1:20-1:30 Optimization of Gout Flare Reporting – Nicola Dalbeth, New Zealand
1:30-1:40 Update on G-CAN Common Language Description – Rachel Murdoch,
1:40-1:50 Social Media in Crystal Arthritis – Phil Robinson, Australia
2:00-2:10 FAST Trial Update – Philip Riches, Scotland

2:10-2:20 Question Period

2:20 – 4:15 G-CAN Award and Early Career Investigator Lectures
Moderators: Tony Merriman and Lisa Stamp

2:20-2:35 G-CAN Presidential Early Career Investigator Award Lecture
Target genes, Tissues, and Transcriptional Pathways of Serum Urate Levels – Adrienne Tin

2:35-2:40 5-minute question period

2:40-2:55 G-CAN Gold Medal Investigator Award Lecture
The Genomic Landscape of Hyperuricemia and Gout – Anna Köettgen

2:55-3:00 5 minute question period

3:00-3:15 G-CAN 2019 Ralph H. Schumacher Memorial Young Investigator Lecture
Brief Introduction by Dr. Tuhina Neogi

3:15-4:15 G-CAN Young Investigator Symposium Session
Five Oral Presentations 10 minutes each, with 2 minutes for questions
Moderators: Frédéric Liote and Tuhina Neogi

4:15-4:35 Questions on selected webcast talks from the G-CAN chat room for this year’s virtual meeting will be selected by session moderators and discussed live

4:15-4:40 Concluding Comments
Robert Terkeltaub and Hyon Choi

4:40 Meeting adjourns
Thank you to G-CAN’s 2019 industry supporters

Roundtable Sponsor and Sponsor of Young Investigator Session

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Gout, Hyperuricemia and Crystal-Associated Disease Network, www.g-can.org

June 10, 2020