



## G-CAN 2023 Ninth Annual Research Symposium and Workshops

(DRAFT AGENDA)

**NOVEMBER 7-8, 2023**

In-person and Virtual

[Estancia Hotel and Spa](#)

9700 N Torrey Pines Rd, La Jolla, CA 92037

**CONFERENCE REGISTRATION:** TBA

### SYMPOSIUM OVERVIEW 2023

Meeting Dedicated to Memory of [Philip Robinson, MBChB PhD FRACP MAICD](#)

#### General Sessions:

- The Year in Review (Five Lectures: Gout Clinical Research; Gout Basic Research; Urate Biology; Gout and Hyperuricemia Genetics; CPP and BCP Crystal Arthritis)
- Crystal Arthropathy Clinical and Basic Research Mini Symposia
- G-CAN Early Career Investigator Abstract Presentation Session (SPARK Awardees and Abstract Presenters Mini-Lecture Awardees)
- G-CAN 2023 H. Ralph Schumacher Memorial Early Career Investigator Award Lecture
- Japanese Society of Gout and Uric and Nucleic Acids Research Mini symposium
- G-CAN Master Awards Lectures and Award Presentations
- Presidential Emerging Career Investigator and Rising Leader Award Presentations
- Philip Robinson Memorial Lecture
- “The Great Debate: Does Urate-Lowering Therapy Slow CKD Progression?”
- Networking Workshops on Approaches to Clinical Studies, Trial Design, and Basic Translational Research in Crystal Deposition Disease
- Update on the G-CAN Journal; *Gout, Urate, and Crystal Deposition Disease (GUCDD)*
- Day 1 Reception following day’s sessions
- Day 2 Post-Meeting Gala Dinner followed by optional Karaoke party (\*Fee to attend dinner; Karaoke party is free)

#### Notes on this year’s hybrid platform:

- *All presentations, including workshops, will be live and streamed. Those speakers who are not able to attend in person will present in real time via the internet from their location. If they are not able to speak at the scheduled time, arrangements will be made to record their presentation ahead of time to be played back at the live session.*
- *Presentations and workshops are recorded during the symposium and will remain accessible for video on demand viewing until December 31, 2023; recorded presentations for the Year in Review talks and the Special Lecture will be posted to the G-CAN website indefinitely for on-demand viewing.*
- *There will not be physical posters; Abstracts selected for the Early Career Investigator MAPS ([Mini-Lecture Abstract Presenters Session](#)) lectures will be live presentations.*
- *Questions and responses on individual talks will be available in the chat window of each presentation during the live session.*

# LIVE, “FACE-TO-FACE” AND VIRTUAL SYMPOSIUM AGENDA

## All times are Pacific Time Zone USA

*Presentations will be made either live from the meeting venue or virtually via streaming if the speaker is not attending in person. Breakout sessions also will be live streamed so that those who are unable to travel can participate virtually.*

### Monday, November 6, 2023

- Arrivals, check in to hotel
- Dinner on your own

### Tuesday, November 7, 2023

6:30	<b>Registration Opens</b>
7:00-8:00	<b>Breakfast for Meeting Attendees</b>
8:00-8:20	<b>Welcome and Introduction to G-CAN, Recognition of Industry Sponsors</b> G-CAN President Robert Terkeltaub G-CAN Vice President and Treasurer Hyon Choi Meeting Co-Chairs: Tristan Pascart, Nicola Dalbeth <b>Slide Chat Function Demonstration</b> – Rebecca Hill
8:20-15:45	<b><u>Plenary Session 1</u></b>
8:20-9:35	<b>Crystal Arthropathy Clinical and Basic Research: The Year in Review</b> <b>Session Chair:</b> Lisa Stamp, Abhishek Abhishek <i>Five 15-minute presentations (recordings to remain on the G-CAN website indefinitely). This session will not have a question-and-answer period</i> <ul style="list-style-type: none"><li>• The Year in Review: Gout Clinical Research – <i>Chio Yokose, Boston</i></li><li>• The Year in Review: Gout Basic Research – <i>Tania Crişan, Cluj-Napoca</i></li><li>• The Year in Review: Urate Biology – <i>David Mount, Boston</i></li><li>• The Year in Review: Gout and Hyperuricemia Genetics – <i>Richard Reynolds, Birmingham</i></li><li>• The Year in Review: CPP and BCP Crystal Arthritis – <i>Augustin Latourte, Paris</i></li></ul>
9:35-10:00	<b>Philip Robinson Memorial Lecture</b> <b>Introduction and Moderators:</b> Nicola Dalbeth, Tony Merriman  The Covid-19 Pandemic and Gout – <i>Hyon Choi MD DPh, Boston</i>
10:00-10:15	<b>Break</b>
10:15-11:40	<b>G-CAN Early Career Investigator SPARK (<u>S</u>elect <u>P</u>resentations of <u>A</u>bstracts <u>R</u>esearch <u>K</u>eynotes) Session</b> <b>Moderators:</b> Fred Lioté, Tania Crişan <i>Seven Oral Presentations 10 minutes each, followed by 2 minutes for questions</i>
11:40-12:05	<b>Special Lecture</b> <i>20-minute lecture, 5-minute question period</i>  New insights into the genetics of urate metabolism – <i>Anna Köttgen, Freiburg</i>

- 12:05-12:45**      **Lunch** (*pick up box lunch and return to meeting room by 12:45 for program*)
- 12:45-13:15**      **G-CAN Presidential Emerging Career Investigator Award**  
**Moderators:** Robert Terkeltaub, Nicola Dalbeth, Tristan Pascart  
*Two 10-minute talks with 5-minute question period for each*
- Honorees:**
- Topic TBD – *Mariano Andres*
  - Topic TBD – *Georgios Filippou*
- 13:15-14:35**      **Japanese Society of Gout and Uric and Nucleic Acids Research Mini symposium**  
**Chair:** Hiroataka Matsuo, Tappei Takada  
*15-minute talks each, 5 minutes each for questions*
- Real world medicine insights into hyperuricemia, gout, and flare risk – *Hisashi Yamanaka, Tokyo*
  - ABCG2-mediated transport of urate and its interaction with urate-lowering drugs – *Tappei Takada, Tokyo*
  - Recent Genetic analyses of gout from Japan– *Hiroataka Matsuo, Saitama*
  - ABCG2, Asymptomatic Hyperuricemia, CKD – *Kimiyoshi Ichida, Tokyo*
- 14:35-14:50**      **Break**
- 14:50-15:10**      **G-CAN 2022 H. Ralph Schumacher Memorial Early Career Investigator Award Lecture**  
**Moderators:** Robert Terkeltaub, Hyon Choi  
*10-minute talk with 5-minute question period*  
**Introduction by Tuhina Neogi (5 minutes)**
- Awardee TBD**
- 15:10-15:45**      **G-CAN Master Award for Career Achievement Lectures**  
**Moderators:** Robert Terkeltaub, Nicola Dalbeth  
*10-minute talks with 3-minute question period*
- Honorees:**
- Topic TBD – *Fernando Perez-Ruiz, Vizcaya*
  - Topic TBD – *Fred Lioté, Paris*
  - Topic TBD – *Eliseo Pascual, Alicante*
- 15:45-17:15**      **Workshop/Networking Breakout Sessions**  
**Workshop 1: Clinical Study and Trial Design for Hyperuricemia, Gout, and Crystal Deposition Disease**  
**Moderators:** Nicola Dalbeth, Lisa Stamp  
*Four sessions, 20 minutes each*
- ULT trial study design – *Lisa Stamp*
  - Crystal arthritis flare reporting and patient reported outcomes – *Angelo Gaffo*
  - Imaging and tophus monitoring outcomes – *Nicola Dalbeth*
  - Renal damage and CKD progression biomarkers and outcomes in ULT trials – *David Mount*

## **Workshop 2: Calcific Crystalline Arthritis**

**Moderators:** Tristan Pascart, Ann Rosenthal

*Three sessions of 25 minutes each*

- CPPD Clinical Study Considerations and Design – *Tristan Pascart, Abhishek Abhishek*
- CPPD imaging in clinical studies – *Georgios Filippou, Lene Terslev*
- Modeling studies of CPPD and BCP crystals in vitro and in vivo – *Sonia Nasi*

**17:30-18:30** Reception with wine and hors d'oeuvres for all general meeting attendees

**18:30** Dinner on your own, for general meeting attendees

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## **Wednesday, November 8, 2023**

**7:15-8:00** Continental Breakfast

**8:00-17:45** **Plenary Session 2**

**Plenary Session on Gout, Hyperuricemia, and Chronic Kidney Disease**

**8:00-8:30** **Special Lecture**

*20-minute lecture, 10-minute question period*

The systems biology of urate transporters – *Sanjay Nigam, La Jolla*

**8:30-9:15** **“The Great Debate: Does urate-lowering therapy slow CKD progression?”**

**Moderators:** David Mount, Lisa Stamp

*Fifteen minutes for each presenter, followed by 5 minutes for each rebuttal and 5 minutes for audience vote.*

- **Yes:** Claudio Borghi
- **No:** Tuhina Neogi
- Rebuttals
- Final audience vote

**9:15-9:35** **Concluding Lecture of the Session**

**Moderators:** David Mount, Lisa Stamp

*15-minute talk, 5 minutes for questions*

SGLT2 inhibitors for hyperuricemia in gout: A position statement – *Chio Yokose, Boston*

**9:35-10:00** **G-CAN Gold Medal Investigator Award Lecture**

**Moderators:** Robert Terkeltaub, Lisa Stamp, Tony Merriman, Hyon Choi

*20-minute talk with 5-minute question period*

**Honoree:** *Nicola Dalbeth, Auckland*

**10:00-10:15** **Break**

- 10:15-11:45 Summit Session: Immunometabolism in Crystal Deposition Disease**  
**Moderators:** Robert Terkeltaub, Tania Crişan  
*15-minute talks, 5 minutes each for questions*
- The metabolome, hyperuricemia, and gout – *Huiyong Yin, Shanghai*
  - Metabolome biomarkers and gout – *Natalie McCormick, Boston*
  - AMPK and nucleotide metabolic regulation of gouty inflammation – *Ru Bryan, La Jolla*
  - Linkages between the metabolome and epigenome in crystal arthritis – *Isidoro Cobo, La Jolla*
- 11:45-12:05 Special Lecture**  
**Moderators:** Nicola Dalbeth, Robert Terkeltaub, Tony Merriman  
*15-minute talk, 5 minutes for questions*
- Lessons learned from adolescent onset gout – *Changgui Li, Qingdao*
- 12:05-13:00 Lunch**
- 13:00-14:15 G-CAN Early Career Investigator MAPS (Mini-Lecture Abstract Presenters Session) Awardees**  
**Moderators:** Tristan Pascart, Nicola Dalbeth  
*Three-minute presentations followed by two minutes for questions*
- 14:15-15:35 Crystal Arthropathy Mini Symposium 2: Part A**  
**Moderators:** Ann Rosenthal, Fred Lioté
- G-CAN Rising Leader Award**  
*15-minute lecture, 5 minutes for questions*
- Honoree:** Topic to be determined – *Abhishek Abhishek, Nottingham*
- Lightning talks**  
*10 minutes each, followed by 3 minutes for questions per talk*
- Lysyl oxidases and pathologic cartilage calcification – *Sonia Nasi, Lausanne*
  - The acute flare of CPP crystal arthritis – *Tristan Pascart, Lille*
  - Topic TBD on CPPD – *Sara Tedeschi, Boston*
  - Ultrasound criteria for CPPD – *Lene Terslev, Copenhagen*
  - Topic TBD – *Ann Rosenthal, Milwaukee*
- 15:35 – 15:45 Break**

**15:45-17:15 Crystal Arthropathy Mini symposium 2: Part B**

**Moderators:** Tuhina Neogi, Tristan Pascart

*10 minutes each, followed by 3 minutes for questions per talk*

**Lightning Talks**

- EULAR crystal arthritis imaging guidelines – *Peter Mandl, Vienna*
- Studies in zebrafish model of gouty inflammation – *Chris Hall, Auckland*
- Circadian rhythm and gouty inflammation – *Raewyn Poulsen, Auckland*
- Osmolarity regulation of crystal-induced inflammation – *Hang Korng Ea, Paris*
- Animal models of hyperuricemia – *Owen Woodward, Baltimore*
- TBD – *Michael Pillinger and colleagues*
- Hyperuricemia subtyped by renal urate handling – *Mingshu Sun, Qingdao*

**17:15-17:30 Special Session:**

The New G-CAN Journal, *Gout, Hyperuricemia and Crystal Deposition Diseases (GUCDD)*  
– *Tony Merriman, Tristan Pascart*

**17:30-17:45 Adjourn and Final comments:**

**Hyon Choi, Robert Terkeltaub, Tristan Pascart, Nicola Dalbeth**

**18:30-20:30 Gala Dinner for the Entire Group of Meeting Attendees\***

**\*Requires advance reservation and fee of \$75, sign up when registering for conference.**

**20:30- ---- ? Free Optional Post-Gala Dinner Karaoke Party open to all attendees and guests**

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**Thursday, November 8, 2023: Checkout/Departures/Optional tourist activities**