

Glaucoma Research Society



Glaucoma Research Society 2026 August 26-29



Cambridge, UK

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Research Society 2026**

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Welcome Message

It is my great pleasure to invite all of you to the GRS 2026 Meeting, which will be held this summer in Cambridge. I would like to express my sincere appreciation to Anthony Khawaja, Chair of the Scientific Program Committee, for his enthusiastic efforts in preparing an outstanding scientific program. This year's scientific program will take a different format to previous years. In addition to the traditional sessions with lectures followed by an equal amount of time for discussions, we are also running workshops with extended general discussion time to maximally leverage the broad expertise gathered in the same room. I sincerely hope that this meeting will provide a valuable opportunity for in-depth academic exchange as well as for fostering closer collaboration among participant.

Ki Ho Park
GRS President

It is a great pleasure to welcome the Glaucoma Research Society to Cambridge in 2026. I spent many years at the University of Cambridge before moving to Australia, and it is therefore wonderful to have the opportunity to bring the GRS to a city that has shaped my career as well as so much of modern biomedical research.

Situated on the delightful Cambridge "Backs", St John's College provides an enchanting setting for the meeting. The fine sixteenth- and seventeenth-century courts are linked to the later nineteenth-century Gothic "New Court" by the picturesque Bridge of Sighs - one of Cambridge's most recognisable landmarks and the only covered bridge to span the River Cam. Within the College can also be found the oldest surviving secular building in Cambridge, the School of Pythagoras, dating from around 1200, a quiet reminder of the city's deep intellectual roots.

Founded in 1511 by Lady Margaret Beaufort, St John's is one of the oldest and largest Colleges in Cambridge. Its history is extraordinary: among its alumni are twelve Nobel laureates, seven prime ministers, twelve archbishops, princes, saints, and the Romantic poet William Wordsworth. For our meeting, the scientific sessions will take place in the historic Old Divinity School - a beautifully proportioned space that has hosted scholarship and debate for centuries and offers an wonderful setting for our discussions.

Beyond the science, we have designed a social programme that showcases the very best of Cambridge and its surroundings. You will have the chance to dine in the magnificent ancient halls of both St John's and nearby Gonville & Caius College - a quintessential Cambridge experience. There will be the option of punting along the River Cam, and for those who wish to explore further afield, an excursion to the medieval city of Ely, including its awe-inspiring Cathedral, founded in 673 AD with construction of the current building commencing in 1083. Music lovers can attend a Choir Recital in King's College Chapel, one of the most acoustically and architecturally sublime spaces in the world. For those with an interest in polar science and exploration, an optional visit to the Scott Polar Research Institute is also available.

Cambridge is a compact, walkable city where centuries of history sit alongside cutting-edge science, cycling paths, riverside meadows, and lively cafés. I hope you will take time between sessions to wander, explore, and connect - with the city, with colleagues, and with friends old and new.

On behalf of the local organising team, I very much look forward to welcoming you to Cambridge for what promises to be a stimulating, collegial, and memorable meeting.

Keith Martin
Local Host, GRS 2026 Cambridge



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Executive Committee

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Ki Ho Park

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Keith Martin

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Tin Aung

Yvonne Ou

Robert Pfeiffer





Speakers and Moderators

Makoto Aihara, Japan

Tin Aung, Singapore

Augusto Azuara-Blanco, UK

Balwantray Chauhan, Canada

George Cioffi, USA

Abbot Clark, USA

Vital P. Costa, Brazil

Jonathon Crowston, Australia

Adriana Di Polo, Canada

C. Ross Ethier, USA

Michael Fautsch, USA

Paul Foster, UK

David Friedman, USA

Gus Gazzard, UK

Ronnie George, India

Michael Girard, USA

Jeffrey Goldberg, USA

Esther Hoffmann, Germany

Yang Hu, USA

Simon John, USA

Thomas Johnson, USA

Jost Jonas, Germany

Peng Tee Khaw, UK

Anthony Khawaja, UK

Chan Yun Kim, South Korea

Rachel Kuchtey, USA

Christopher Leung, Hong Kong

Leonard Levin, Canada

Vijaya Lingam, India

Keith Martin, Australia

Bill Morgan, Indonesia

Yvonne Ou, USA

Darryl Overby, UK

Ki Ho Park, South Korea

Hae-Young Lopilly Park, South Korea

Louis Pasquale, USA

Pradeep Ramulu, USA

Joel Schuman, USA

Ian Sigal, USA

Kuldev Singh, USA

Ingeborg Stalmans, Belgium

Daniel Stamer, USA

Kyung Rim Sung, South Korea

Ernst Tamm, Germany

Robert N. Weinreb, USA

Derek Welsbie, USA

Janey L. Wiggs, USA

Tina Wong, Singapore

Linda Zangwill, USA



**Thursday
August 27**

Old Divinity School, Lecture Theatre
08:15 - 08:30 Welcome
08:30 - 10:00 IOP pathophysiology and translational science Workshop Talks
10:00 - 10:30 Coffee break
10:30 - 12:00 IOP pathophysiology and translational science Workshop Discussion
12:00 - 13:00 Lunch
13:00 - 14:20 Focus on Glaucoma Surgery
14:20 - 14:50 Coffee break
14:50 - 16:10 Glaucoma imaging
16:10 - 17:30 Business meeting

**Friday
August 28**

Old Divinity School, Lecture Theatre
08:00 - 09:30 Cost-effective screening Workshop Talks
09:30 - 10:00 Coffee break
10:00 - 11:30 Cost-effective screening Workshop Discussion
11:30 - 12:30 Goldmann Lecture
12:30 - 13:15 Lunch

**Saturday
August 29**

Old Divinity School, Lecture Theatre
08:30 - 09:45 Resilience of the optic nerve Workshop Talks
09:45 - 10:45 Resilience of the optic nerve Discussion
10:45 - 11:15 Coffee break
11:15 - 12:15 Repairing the optic nerve Workshop Talks
12:15 - 13:15 Lunch
13:15 - 14:15 Repairing the optic nerve Discussion
14:15 - 14:45 Coffee break
14:45 - 16:05 Glaucoma and Myopia
16:05 - 16:30 Close



Old Divinity School, Lecture Theatre

08:15 - 08:30
Welcome

08:30 - 10:00
**IOP PATHOPHYSIOLOGY AND TRANSLATIONAL SCIENCE
WORKSHOP - TALKS**

Moderators: **Abbot Clark, Ernst Tamm**

08:30 Aqueous outflow homeostasis in health & disease
Darryl Overby

08:48 IOP epidemiology update - clues to IOP pathophysiology
Anthony Khawaja

09:06 How to best measure IOP
TBD

09:24 Animal models for investigation of IOP biology
Rachel Kuchtey

09:42 Challenges & opportunities for IOP therapeutic development
Michael Fautsch

10:00 *Coffee break*

10:30 - 12:00
**IOP PATHOPHYSIOLOGY AND TRANSLATIONAL SCIENCE
WORKSHOP - DISCUSSION**

Moderators: **Makoto Aihara, Ross Ethier, Daniel Stamer,
Janey L. Wiggs**

12:00 *Lunch*



Old Divinity School, Lecture Theatre

13:00 - 14:20

FOCUS ON GLAUCOMA SURGERY

Moderators: **Peng Tee Khaw, Vijaya Lingam, Remo Susanna**

13:00 The future of trabeculectomy
Kuldev Singh

13:20 Precision cuts: integrating genetic risk, biobank and imaging insights
to personalise surgical strategy
Tina Wong

13:40 MIGS vs LASERS : a false dichotomy?
Gus Gazzard

14:00 Advances in paediatric glaucoma surgery
Esther Hoffmann

14:20 *Coffee break*

14:50 - 16:10

GLAUCOMA IMAGING

Moderators: **David Garway-Heath, Yvonne Ou**

14:50 Deriving ONH/LC biomechanics using imaging
Ian Sigal

15:10 Functional imaging
Balwantray Chauhan

15:30 NTG specific imaging findings
Chan Yun Kim

15:50 AI to optimise impact from imaging beyond diagnosis
Joel Schuman

16:10 - 17:30

BUSINESS MEETING

Thursday, August 27



Old Divinity School, Lecture Theatre

08:00 - 09:30

SCREENING WORKSHOP - TALKS

Moderators: **Tin Aung, Jamie Craig, Pradeep Ramulu**

08:00 Glaucoma screening: Latest evidence, challenges and cost-effectiveness
David Friedman

08:15 Natural history of glaucoma: what we know and what we don't know
Ronnie George

08:30 Update on glaucoma screening tests
Linda Zangwill

08:45 Target population enrichment
Vital P. Costa

09:00 Opportunities to integrate with other screening programs
Bill Morgan

09:15 Designing the studies to prove glaucoma screening is beneficial
Augusto Azuara-Blanco

09:30 *Coffee break*

10:00 - 11:30

SCREENING WORKSHOP - DISCUSSION

Moderators: **George Cioffi, Paul Foster, Anthony Khawaja, Ingeborg Stalmans**

11:30 -12:30

GOLDMANN LECTURE

Moderator: **Ki Ho Park**

Introduction: **Louis Pasquale**

Lecturer: **Janey L. Wiggs**





Old Divinity School, Lecture Theatre

08:00 - 09:45

RESILIENCE OF THE OPTIC NERVE WORKSHOP - TALKS

Moderators: **Jonathan Crowston, Louis Pasquale**

08:30 What is resilience in glaucoma?
Leonard Levin

08:45 Multi-omic strategies to discover glaucoma resilience biomarkers
Louis Pasquale

09:00 Ageing influences in glaucoma & can we modulate it
Jonathan Crowston

09:15 Biomechanical contributions to resilience
Michael Girard

09:30 Mitochondrial and metabolic contributions to resilience
Simon John

09:45 - 10:45

RESILIENCE OF THE OPTIC NERVE WORKSHOP - DISCUSSION

Moderators: **Adriana Di Polo, Jeffrey Goldberg, Leonard Levin,
Keith Martin**

10:45 *Coffee break*

Saturday, August 29



Old Divinity School, Lecture Theatre

11:15 - 12:15

REPARING THE OPTIC NERVE WORKSHOP - TALKS

Moderators: **John Danias, Derek Welsbie**

- 11:15** Somatodendritic and functional repair
Adriana Di Polo
- 11:30** Axonal cytoskeleton dynamics, transport, and regeneration
Yang Hu
- 11:45** Integrating repair through RGC transplantation
Thomas Johnson
- 12:00** Integrating repair through whole eye transplantation
Jeffrey Goldberg

12:15 *Lunch*

13:15 - 14:15

REPARING THE OPTIC NERVE WORKSHOP - DISCUSSION

Moderators: **Adriana Di Polo, Jeffrey Goldberg, Leonard Levin, Keith Martin**

14:15 *Coffee break*





Old Divinity School, Lecture Theatre

14:45 - 16:05

GLAUCOMA AND MYOPIA

Moderators: **Kyung Rim Sung**, **Xiulan Zhang**, **Linda Zangwill**

14:45 Risk factors for myopic glaucoma
Ki Ho Park

15:05 Diagnosing myopic glaucoma with RNFL texture analysis
Christopher Leung

15:25 Structural characteristics of glaucoma in highly myopic eyes
Jost Jonas

15:45 Scleral deformation in myopic glaucoma
Hae-Young Lopilly Park

16:05 - 16:30

CLOSE

Saturday, August 29



ORGANIZING SECRETARIAT

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