

Glaucoma Research Society



Glaucoma Research Society 2026

August 26-29



Cambridge, UK





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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Yvonne Ou

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Speakers and Moderators

Makoto Aihara , Japan	Rachel Kuchtey , USA
Tin Aung , Singapore	Christopher Leung , Hong Kong
Augusto Azuara-Blanco , UK	Leonard Levin , Canada
Balwantray Chauhan , Canada	Vijaya Lingam , India
George Cioffi , USA	Keith Martin , Australia
Abbot Clark , USA	Bill Morgan , Indonesia
Vital P. Costa , Brazil	Yvonne Ou , USA
Jonathon Crowston , Australia	Darryl Overby , UK
Adriana Di Polo , Canada	Ki Ho Park , South Korea
C. Ross Ethier , USA	Hae-Young Lopilly Park , South Korea
Michael Fautsch , USA	Louis Pasquale , USA
Paul Foster , UK	Pradeep Ramulu , USA
David Friedman , USA	Joel Schuman , USA
Gus Gazzard , UK	Ian Sigal , USA
Ronnie George , India	Kuldev Singh , USA
Michael Girard , USA	Ingeborg Stalmans , Belgium
Jeffrey Goldberg , USA	Daniel Stamer , USA
Esther Hoffmann , Germany	Kyung Rim Sung , South Korea
Yang Hu , USA	Ernst Tamm , Germany
Simon John , USA	Robert N. Weinreb , USA
Thomas Johnson , USA	Derek Welsbie , USA
Jost Jonas , Germany	Janey L. Wiggs , USA
Peng Tee Khaw , UK	Tina Wong , Singapore
Anthony Khawaja , UK	Linda Zangwill , USA
Chan Yun Kim , South Korea	



**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



08:15 - 08:30
Welcome

Old Divinity School, Lecture Theatre

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

Thursday, August 27

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



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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