

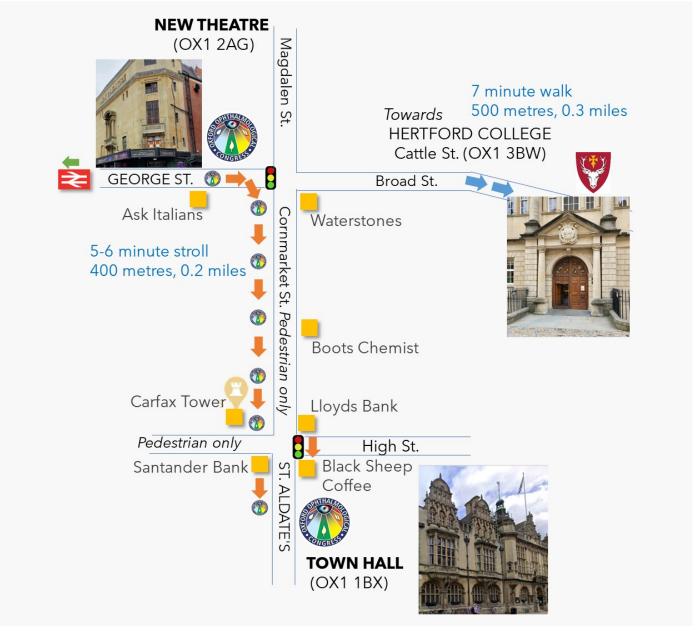
# 107th Oxford Ophthalmological Congress

1st - 3rd July 2024

Mini Delegate Programme



# Map and locations



**MONDAY 1st JULY** 

Registration: 08:00 - 09:45

**Scientific sessions:** 

START 09:45

**VENUE: New Theatre** 

**Refreshments, Posters** 

and Exhibition VENUE: Town Hall

**Drinks Reception** VENUE: **Town Hall** 

**TUESDAY 2nd JULY** 

Registration: 08:00 - 09:00

**Scientific sessions:** 

START 09:00

**VENUE: New Theatre** 

**Refreshments, Posters** 

and Exhibition
VENUE: Town Hall

**Gala Dinner** 

**VENUE:** Hertford College

**WEDNESDAY 3rd JULY** 

Registration: 08:00 - 09:00

**Scientific sessions:** 

START 09:00

**VENUE: New Theatre** 

Refreshments

**VENUE: New Theatre** 

**Scientific sessions:** 

CLOSE 16:15

#### Welcome to the 107th Oxford Ophthalmological Congress

#### Registration desk: Open 08:00 - 18:00

Louise Richards and her team will be available if you have any questions about proceedings.

#### **CPD**

The Royal College of Ophthalmologists approves Oxford Ophthalmological Congress to award up to 24.5 self-accredited points (including scientific lecture attendance and poster viewing opportunities). An e-copy of your CPD Certificate will be emailed to you shortly after the meeting.

#### **Meeting evaluation**

Your feedback about the meeting is invaluable to Oxford Ophthalmological Congress and the speakers presenting. Please complete your evaluation survey online by the 15 July 2024.

Evaluation survey: <a href="https://www.ooc.uk.com/evaluation">www.ooc.uk.com/evaluation</a>.

#### **Electronic Programme**

The full programme is available on the website.



#### **Contents**

|                                |                          | PAGE     |
|--------------------------------|--------------------------|----------|
| Master's Welcome               |                          | <u>3</u> |
| 2023 - 2024 Executive Counci   | l Members                | <u>3</u> |
| 2024 Programme Overview        |                          | 4        |
|                                | MONDAY Full programme    | 5        |
|                                | TUESDAY Full programme   | 6        |
|                                | WEDNESDAY Full programme | 8        |
| Abstracts & Posters Menu       |                          | 9        |
| DOYNE Lecturer brief biography |                          | 20       |
| OOC History                    |                          | 21       |
|                                |                          |          |
| 2024 Sponsors                  |                          | 26       |

# 107th Oxford Ophthalmological Congress, 1-3rd July 2024 Master's Welcome

#### Mr S. James Talks

Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle, UK.



Welcome to the Oxford Ophthalmological Congress. Since 1909 the council has been organising a high-quality ophthalmology meeting, combining practical ophthalmology teaching with the latest scientific advances. Ophthalmologists are tending to become more and more specialised and may only go to meetings in their specialist area however we should not forget that the eye works as a whole and develops in one area may benefit others. Symposia will include medical retina, glaucoma, emergency medicine, genetics, a very practical session on managing corneal emergencies which will be relevant to all who do on call and we will branch into Al and into space.

The Master's symposium starts with the under researched area of sickle cell retinopathy then considers the consequence of being female on anti-VEGF therapy. New imaging methods will be presented and then the potential next big thing of treating dry AMD will be discussed both from a scientific angle, considering what could be the best targets to treat this end stage of the aging macular, and what outcomes there are so far in clinical trials. The session will finish with David Brown from Texas discussing what determines the longevity of anti-VEGF treatments. And what he has learnt as the Ophthalmologist for NASA.

We will look at how to manage glaucoma, where the biggest challenge is the increasing numbers of patients, and by contrast there is a session on the promise of personalised medicine. The emergency session will focus on how to manage what really could cause rapid blindness. There is also an eclectic mix of talks covering AI to the use of GLP-1 agonists.

Other highlights include the rapid fire session, posters, cases and the Doyne Lecture, in memory of the founder of the Congress, this year given by Prof. Robert MacLaren on gene therapy treatments for retinal diseases.

There has been a change of logistics with the meeting starting on Monday morning and running through to Wednesday afternoon. The lectures remain in the New Theatre however the food, trade exhibition and posters have moved to the old Town Hall, which is a magnificent building with a lot more space than was previously available and makes a fine building for a drinks reception on Monday. The congress dinner will be, for the first time, in Hertford College, famous for its 'Bridge of Sighs'. It has a fine wooden panelled dining room which will help facilitate the mission of the Congress of enabling the cultivation of the spirit of good fellowship and of unconventionality, the right of our youngest member to rank with his oldest colleague, and last, but assuredly not least, the frank, free and tolerant discussion of scientific matters brought before its gathering.

S. James Talks, OOC Master 2023-2024

#### 2023 -2024 Executive Council Members

MASTER: S. James Talks, Newcastle

SECRETARY: Mandeep S. Sagoo, London

TREASURER: **Dan Morris**, Cardiff EDITOR: **Rachel Pilling**, Bradford

MASTER ELECT: Manoj Parulekar, Oxford & Birmingham

#### 2023 -2024 Council Members

Augusto Azuara-Blanco, Belfast

Graeme Black, Manchester

Sarah Coupland, Liverpool

Samantha R. De Silva, Oxford

Parul Desai, London

**Andrew Dick**, Bristol & London

Harminder S. Dua, Nottingham

Marie Hickey Dwyer, Limerick, Ireland

Roxane Hillier, Newcastle

Pearse Keane, London

Peng T. Khaw, London

Caroline MacEwen, Dundee

Susan Mollan, Birmingham

Deputy Master: Christiana Dinah, London



# 2024 Programme Overview

Registration and badge pick up at the New Theatre.

| NGRE          |  |  |
|---------------|--|--|
| 09:45 - 17:30 | MONDAY 1st JULY  |  |
| 09:45 - 10:50 | MASTER'S SYMPOSIUM: Advances in Diagnosis and Treatment in Medical Retina<br>Chair: Mr S. James Talks, Newcastle, UK   |  |
| 10:50 - 11:40 | Refreshments, Posters and Exhibition: TOWN HALL  |  |
| 11:40 - 12:45 | MASTER'S SYMPOSIUM: Advances in Diagnosis and Treatment in Medical Retina continued Chair: Mr S. James Talks, Newcastle, UK  |  |
| 12:45 - 14:15 | Lunch, Posters and Exhibition: TOWN HALL  Meeting the (UK) Challenges of Glaucoma in 2024  Chairs: Prof. Augusto Azuara-Blanco, Belfast, UK & Prof. Sir Peng T. Khaw, London, UK |  |
| 14:15 - 16:00 |  |  |
| 16:00 - 16:30 | Refreshments, Posters and Exhibition: TOWN HALL  |  |
| 16:30 - 17:30 | Poster Viewing Session: TOWN HALL  |  |
| 17:30 - 19:00 | TOWN HALL, Grand Hall: OOC Drinks Reception  |  |

| 09:00 - 17:30 | TUESDAY 2nd JULY  |
|---------------|---|
| 09:00 - 10:30 | RAPID FIRE SESSION Chair: Prof. Rachel Pilling, Bradford, UK  |
| 10:30 - 11:15 | Refreshments, Posters and Exhibition: TOWN HALL   |
| 11:15 - 12:30 | DOYNE LECTURE: Gene therapy treatments for retinal diseases<br>Lecturer: Prof. Robert MacLaren, Oxford, UK    |
| 12:30 - 14:00 | Lunch, Posters and Exhibition: TOWN HALL  |
| 14:00 - 15:30 | The Promise of Personalised Medicine - Challenges and Opportunities Chair: Prof. Graeme Black, Manchester, UK |
| 15:30 - 16:00 | Refreshments, Posters and Exhibition: TOWN HALL   |
| 16:00 - 17:30 | The Eye is not the Limit Chair: Prof. Susan Mollan, Birmingham, UK  |
| From 19:30    | HERTFORD COLLEGE: OOC Gala Dinner (Drinks from 19:30, called to dinner promptly at 20:00)                     |

| 09:00 - 16:15 | WEDNESDAY 3rd JULY   |  |
|---------------|--|--|
| 09:00 - 11:00 | Emergency Ophthalmology<br>Chairs: Miss Samantha R. De Silva, Oxford, UK & Ms Roxane Hillier, Newcastle, UK                    |  |
| 11:00 - 11:30 | Refreshments: NEW THEATRE  |  |
| 11:30 - 12:50 | Interesting Cases<br>Chair: Prof. Mandeep S. Sagoo, London, UK   |  |
| 12:50 - 14:00 | Lunch: NEW THEATRE   |  |
| 14:00 - 16:00 | Corneal Procedures for all Ophthalmologists<br>Chairs: Prof. Harminder S. Dua, Nottingham, UK & Mrs Dalia Said, Nottingham, UK |  |
| 16:00 - 16:15 | Prizes & Handover to the next Master   |  |

#### MONDAY 1st JULY 2024

| 09:45 - 10:50 | MASTER'S SYMPOSIUM: Advances in Diagnosis and Treatment in Medical Retina |                               |
|---------------|---|-------------------------------|
|               | Chair: Mr <b>S. James Talks</b> , Newcastle, UK                           |                               |
| 09:45 - 09:50 | Introduction  | S. James Talks, Newcastle, UK |
| 09:50 - 10:10 | The Sickle Eye Project: The long road towards efficacious                 | Christiana Dinah, London, UK  |
| 10:10 - 10:30 | How could being female affect your treatment with anti-                   | Christine Kiire, Oxford, UK   |
| 10:30 - 10:50 | Clinical benefits of new technologies for pan-retinal "Ora to             | Paulo Stanga, London, UK      |
| 10:50 - 11:40 | TOWN HALL: Refreshments, Posters and Exhibition                           |                               |

| 11:40 - 12:45 | MASTER'S SYMPOSIUM: Advances in Diagnosis and Treatment in Medical Retina |                            |
|---------------|---|----------------------------|
|               | Chair: Mr <b>S. James Talks</b> , Newcastle, UK                           |                            |
| 11:40 - 11:55 | Consideration of targets for treating dry AMD                             | Andrew Dick, Bristol, UK   |
| 11:55 - 12:10 | Clinical trials update and treatment for GA                               | lan Pearce, Liverpool, UK  |
| 12:10 - 12:25 | Aiming at longer lasting anti-VEGF treatments                             | David Brown, Bellaire, USA |
| 12:25 - 12:40 | Space flight associated neuro-ocular syndrome (SANS)                      | David Brown, Bellaire, USA |
| 12:40 - 12:45 | Session speakers Q&A  |                            |
| 12:45 - 14:15 | TOWN HALL: Lunch, Posters and Exhibition                                  |                            |

| 14:15 - 16:00 | Meeting the (UK) Challenges of Glaucoma in 2024   |                                    |
|---------------|---|------------------------------------|
|               | Chairs: Prof. <b>Augusto Azuara-Blanco</b> , Belfast, UK & Prof. Sir <b>Peng T. Khaw</b> , London, UK |                                    |
| 14:15 - 14:20 | Introduction  | Agusto Azura-Blanco, Belfast, UK   |
| 14:20 - 14:40 | Case for Hercules Fast Track Clinic   | Paul Foster, London, UK            |
| 14:40 - 15:00 | Case for virtual clinics  | James Morgan, Cardiff, UK          |
| 15:00 - 15:20 | Case for delivering glaucoma care in the community  | Robert Harper, Manchester, UK      |
| 15:20 - 15:40 | Case for primary laser trabeculoplasty SLT and Direct SLT   | Gus Gazzard, London, UK            |
| 15:40 - 16:00 | Case for modern surgery including MIGS or other devices   | Gok Ratnarajan, East Grinstead, UK |
| 16:00 - 16:30 | TOWN HALL: Refreshments, Posters and Exhibition   |                                    |

#### 16:30 - 17:30 TOWN HALL: Poster Viewing Session

Posters at the Town Hall: Found in The Library and Assembly Room. E-posters available on the OOC website.



17:30 - 19:00 TOWN HALL, Grand Hall: OOC Drinks Reception

#### **TUESDAY 2nd JULY 2024**

| 09:00 - 10:30 | RAPID FIRE SESSION   |                                  |
|---------------|--|----------------------------------|
|               | Chair: Prof. <b>Rachel Pilling</b> , Bradford, UK  |                                  |
| 09:00 - 09:05 | Introduction   | Rachel Piling, Bradford, UK      |
| 09:06 - 09:11 | <ul><li>1- Posterior capsular rupture in cataract surgery:</li><li>A multivariate analysis of risk factors</li></ul>   | Rishi Ramessur, London, UK       |
| 09:12 - 09:17 | <b>2</b> - A biosynthetic alternative to human amniotic membrane for use in ocular surface surgery   | Prity Sahay, Nottingham, UK      |
| 09:18 - 09:23 | 14 - Acanthamoeba keratitis: PCR and early treatment   | Aaron Goldberg, Oxford, UK       |
| 09:24 - 09:29 | <b>19</b> - Outcomes of glaucoma referral filtering schemes UK 2021 to 2024  | Tom Mackley, Truro, UK           |
| 09:30 - 09:35 | <b>25</b> - CDHR1-associated retinal degeneration: Clinical phenotypes, natural history and molecular genetics from an international study of 135 cases        | Imran H. Yusuf, Oxford, UK       |
| 09:36 - 09:41 | <b>26</b> - Meta-analysis of gene therapy associated uveitis (GTAU)  | Thomas M. W. Buckley, Oxford, UK |
| 09:42 - 09:47 | <b>46</b> - Towards automated optical coherence tomography (OCT) data analysis for a real-world diabetic macular oedema (DMO) treatment cohort                 | S. James Talks, Newcastle, UK    |
| 09:48 - 09:53 | $\bf 47$ - Faricimab treatment outcomes with extended dosing and potential for Q20W intervals in DMO: A post hoc analysis of the phase 3 YOSEMITE/RHINE trials | Maged Habib, Sunderland, UK      |
| 09:54 - 09:59 | <b>48</b> - Visual acuity and eligibility for sight impairment registration for those with geographic atrophy in the population of Gloucestershire             | Esther Samuel, Gloucester, UK    |
| 10:00 - 10:05 | <b>49</b> - Current evidence base for immune modulation in uveitis   | Louis Clearkin, Oxford, UK       |
| 10:06 - 10:11 | <b>50</b> - Prevalence and characteristics of Charles Bonnet syndrome (CBS) in patients with vitreoretinal and inherited retinal disease                       | Ariel Yuhan Ong, Oxford, UK      |
| 10:12 - 10:17 | <b>70</b> - Using deep learning to aid in the differentiation of uveal melanoma from a naevus  | Max Jackson, Liverpool, UK       |
| 10:18 - 10:23 | <b>79</b> - Optomap derived retinal vascularisation rate predicts threshold retinopathy of prematurity (ROP)   | Emer Chang, Oxford, UK           |
| 10:24 - 10:29 | 98 - Withdrawn   |                                  |
|               | TOWN HALL. Polyachmonts Postars and Exhibition   |                                  |

10:30 - 11:15 TOWN HALL: Refreshments, Posters and Exhibition

Posters at the Town Hall: Found in The Library and Assembly Room. E-posters available on the OOC website.



#### **TUESDAY 2nd JULY 2024**

#### 11:15 - 12:30 2024 DOYNE LECTURE

Gene therapy treatments for retinal diseases

Doyne Lecturer: Prof. Robert MacLaren, Oxford, UK

Introduction and Doyne Medal presentation:

Mr S. James Talks, Newcastle, UK





| 16:00 - 17:30 | The Eye is not the Limit                                       |                              |
|---------------|--|------------------------------|
|               | Chair: Prof. <b>Susan Mollan</b> , Birmingham, UK              |                              |
| 16:00 - 16:30 | Advances in artificial intelligence                            | Pearse Keane, London, UK     |
| 16:30 - 17:00 | Through the eyes into the brain, using artificial intelligence | Dan Milea, Paris, France     |
| 17:00 - 17:30 | Could GLP-1 receptor agonists be used for SANS?                | Susan Mollan, Birmingham, UK |

| 19:30 | HERTFORD COLLEGE: OOC Gala Dinner (pre-booked tickets only) Drinks from 19:30 |  |
|-------|---|--|
|       | Called to dinner promptly at 20:00  |  |
|       | Dress: Black tie  |  |

#### WEDNESDAY 3rd JULY 2024

| 09:00 - 11:00 | Emergency Ophthalmology  |                                     |
|---------------|--|-------------------------------------|
|               | Chairs: Miss Samantha R. De Silva, Oxford, UK & Ms Roxane Hillier, Newcastle, UK |                                     |
| 09:00 - 09:17 | Paediatrics - Orbital proptosis in a child                                       | Manoj Parulekar, Oxford/Birm., UK   |
| 09:17 - 09:34 | Orbital/Oculoplastic - Acute retro-orbital haemorrhage                           | Lucy Clarke, Newcastle, UK          |
| 09:34 - 09:51 | Glaucoma - Acute angle closure   | <b>Leon Au</b> , Manchester, UK     |
| 09:51 - 10:06 | Cornea - Infective/inflammatory corneal perforations                             | <b>Ankur Barua</b> , Birmingham, UK |
| 10:06 - 10:25 | Neuro-ophthalmology - Papilloedema   | Susan Mollan, Birmingham. UK        |
| 10:25 - 10:42 | Uveitis - Acute retinal necrosis   | William Tucker, London, UK          |
| 10:42 - 11:00 | Vitreoretinal - Infective endophthalmitis  | Roxane Hillier, Newcastle, UK       |
| 11:00 - 11:30 | NEW THEATRE: Refreshments  |                                     |

| 11:30 - 12:50 | Interesting Cases                                 |                                 |
|---------------|---|---------------------------------|
|               | Chair: Prof. <b>Mandeep S. Sagoo</b> , London, UK |                                 |
| 11:30 - 11:50 | Not another preseptal cellulitis!                 | Raghavan Sampath, Leicester, UK |
| 11:50 - 12:10 | Firefighting                                      | Erika M. Damato, Cambridge, UK  |
| 12:10 - 12:30 | Peripheral exudative retinal detachments          | Paulo Stanga, London, UK        |
| 12:30 - 12:50 | It's enough to make your flesh creep!             | Andrew Pyott, Inverness, UK     |
| 12:50 - 14:00 | New Theatre: Sandwich bag Lunch                   |                                 |

| 14:00 - 16:00 | Corneal Procedures for all Ophthalmologists   |                                     |
|---------------|---|-------------------------------------|
|               | Chairs: Prof. <b>Harminder S. Dua</b> , Nottingham, UK & Mrs <b>Dalia Said</b> , Nottingham, UK |                                     |
| 14:00 - 14:20 | Suturing corneal lacerations - principles and techniques  | Harminder S. Dua, Nottingham, UK    |
| 14:20 - 14:40 | Corneal glueing: Hard and soft  | <b>Dalia Said</b> , Nottingham, UK  |
| 14:40 - 15:00 | Dealing with corneal blood vessels  | Harminder S. Dua, Nottingham, UK    |
| 15:00 - 15:20 | Corneal sampling (swabs, scrapes, biopsy, impression cytology)                                  | Mohammed Elalfy, East Grinstead, UK |
| 15:20 - 15:40 | Alcohol delamination of the corneal epithelium for diagnosis and therapy                        | Harminder S. Dua, Nottingham, UK    |
| 15:40 - 16:00 | Discussion  |                                     |

|               | _ ^                         |
|---------------|-----------------------------|
| 16:00 - 16:15 | Prizes                      |
|               | Handaranta tha mad Martan   |
|               | Handover to the next Master |
|               |                             |

## 16:15 CLOSE

### **Abstracts and Posters Menu**

#### **Abstract posters** Posters at the Town Hall: Found in The Old Library and Assembly Room E-posters available on the OOC website. https://www.ooc.uk.com/posters or via QR code **CORNEA & CATARACT EMERGENCY EYE CARE GLAUCOMA** ABSTRACTS: 1-13 **ABSTRACTS: 14–18 ABSTRACTS: 19–24** Page 10 Page 11 **INHERITED RETINAL** LIDS, LACRIMAL & **MEDICAL RETINA DISEASE** (INC. UVEITIS) **ORBIT ABSTRACTS: 25–42** ABSTRACTS: 43-45 **ABSTRACTS: 46-69** Pages 12–13 Pages 14–15 Page 13 **OCULAR ONCOLOGY &** PAEDIATRIC, STRABISMUS & **SURGICAL RETINA NEURO-OPHTHALMOLOGY PATHOLOGY ABSTRACTS: 78–97 ABSTRACTS: 70-77 ABSTRACTS: 98-107** Page 16 Pages 17-18 Page 19 **NOTES**

|    | SIER ADSIRACIS   |  |    |
|----|--|--|----|
|    | CORNEA & CATARACT  | ABSTRACTS 1–13                                 |    |
| 1  | Posterior capsular rupture in cataract surgery:              | Rishi Ramessur                                 | RF |
|    | A multivariate analysis of risk factors                      | Moorfields Eye Hospital NHS Trust, London, UK. | CR |
| 2  | A biosynthetic alternative to human amniotic membrane for    | Prity Sahay                                    | RF |
|    | use in ocular surface surgery                                | University of Nottingham, Nottingham, UK.      | LR |
| 3  | The barriers to eye donation: A systematic review and        | Nina Metcalf                                   | Р  |
|    | policy implications  | University of Southampton, Southampton, UK.    | CR |
| 4  | An algorithmic decision support software for intravitreal    | Rosina Zakri                                   | Р  |
|    | treatment intervals  | St Thomas' Hospital, London, UK.               | CR |
| 5  | Prevalence and associated risk factors of dry eye disease in | Reham Shehada                                  | Р  |
|    | 16 Northern West Bank towns in Palestine:                    | National Treatment Centre-NHS Highland,        | CR |
|    | A cross-sectional study                                      | Inverness, UK.                                 |    |
| 6  | Withdrawn  |  |    |
| 7  | Wales' first nurse led corneal cross-linking                 | Shoaib Hassan                                  | Р  |
|    |  | Singleton Hospital, Swansea, UK.               | CR |
| 8  | Cataract surgery outcomes in nonagenarians                   | Doa'a Kerwat                                   | Р  |
|    |  | Maidstone & Tunbridge Wells Hospitals,         | CR |
|    |  | Maidstone, UK.                                 |    |
| 9  | Evaluating the outcomes of keratoconus patients in an        | Laura Boddy                                    | Р  |
|    | optometrist-led corneal clinic following collagen            | Nottingham University Hospitals NHS Trust,     | CR |
|    | cross-linking  | Nottingham, UK.                                |    |
| 10 | Outcomes of Descemet membrane endothelial                    | Arpitha Pereira                                | Р  |
|    | keratoplasty (DMEK) - Single centre study in Wales           | Singleton Hospital, Swansea, UK.               | CR |
| 11 | Penetrating ocular fish-hook injury                          | Mustafa Hammad                                 | DP |
|    |  | West Suffolk NHS Foundation Trust, Bury St     | CR |
|    |  | Edmunds, UK.                                   |    |
| 12 | Withdrawn  |  |    |
| 13 | Advancing biocompatibility assessment in ophthalmic          | Daniel Lindegger                               | DP |
|    | materials: A journey from Harold Ridley to artificial        | University College London (UCL), London, UK.   | LR |
|    | intelligence   |  |    |

|     | EMERGENCY EYE CARE   | ABSTRACTS 14–18   |                |
|-----|--|---|----------------|
| 14  | Acanthamoeba keratitis: PCR and early treatment  | Aaron Goldberg  | RF             |
|     |  | Oxford University Hospitals NHS Foundation Trust, Oxford, UK. | CR             |
| 4 5 | Management of a cular manifestations in Chauses Johnson  | Felon Mahrous   | D              |
| 15  | Management of ocular manifestations in Stevens-Johnson syndrome (SJS) and toxic epidermal necrolysis (TEN):  A systematic review | Portsmouth Hospital University NHS Trust, Portsmouth, UK.     | P<br><i>CR</i> |
| 16  | Withdrawn  |   |                |
| 17  | Withdrawn  |   |                |
| 18  | Seven hundred and fifty days of fungal keratitis, a case   | Farida Omar ElZawahry   | DP             |
|     | report   | University of Nottingham, Nottingham, UK &                    | CR             |
|     |  | Nottingham University Hospitals NHS Trust,                    |                |
|     |  | Nottingham, UK.   |                |

|    | GLAUCOMA  | ABSTRACTS 19–24  |                |
|----|---|--|----------------|
| 19 | Outcomes of glaucoma referral filtering schemes UK 2021 to 2024                                 | <b>Tom Mackley</b> Primary Eyecare Services, Manchester, UK.   | RF<br>CR       |
| 20 | Clinical audit of effectiveness of Preserflow™ MicroShunt with mitomycin for glaucoma           | <b>Summaya Zaffar</b> Leighton Hospital Mid Cheshire Hospitals NHS Trust, Crewe, UK.   | P<br><i>CR</i> |
| 21 | Withdrawn   |  |                |
| 22 | Does every child require intraocular pressure measurements during a routine ophthalmology exam? | Sivanthi Kanagasundaram Poznan University of Medical Sciences, Poznan, Poland & East Sussex Healthcare NHS Trust, Conquest Hospital, Hastings, UK. | P<br>CR        |
| 23 | The identification of key pathways in the pathogenesis of glaucoma                              | Caoimhe Normile University College, Dublin, Ireland.   | P<br><i>LR</i> |
| 24 | Withdrawn   |  |                |

|    | INHERITED RETINAL DISEASE   | ABSTRACTS 25–42   |                |
|----|---|---|----------------|
| 25 | CDHR1-associated retinal degeneration: Clinical phenotypes, natural history and molecular genetics from an international study of 135 cases                                 | Imran H. Yusuf University of Oxford, Oxford, UK & Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.  | RF<br>CR       |
| 26 | Meta-analysis of gene therapy associated uveitis (GTAU)   | Thomas M.W. Buckley Oxford University Hospitals NHS Trust, Oxford, UK.  | RF<br>CR       |
| 27 | Ranked importance of functional measures in choroideremia   | Amandeep Josan  Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK & Oxford Eye Hospital, Oxford, UK.                          | P<br>CR        |
| 28 | Early onset cone photoreceptor degeneration as a risk factor for high myopia in RPGR-retinal dystrophy  | Shabnam Raji Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK & Oxford Eye Hospital, Oxford, UK.                             | P<br>CR        |
| 29 | Characterisation of optical coherence tomography (OCT) parameters in patients with late-stage inherited retinal degeneration (IRD) for suitability of optogenetic therapies | Benjamin Ng Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK & Oxford Eye Hospital, Oxford, UK.                              | P<br>CR        |
| 30 | Developing and validating a novel colour saturation threshold test  | Alexander Sarossy Central Clinical School, Monash University, Clayton, Australia.   | P<br>CR        |
| 31 | Dominant COL9A3 Stickler syndrome   | Thomas Nixon Vitreoretinal Research Unit, John van Geest Centre for Brain Repair University of Cambridge, Cambridge, UK.  | P<br>CR        |
| 32 | Low-luminance visual acuity: The impact of dark adaptation  | Giovanni Forte Vision and Eye Research Institute, Anglia Ruskin University, Cambridge, UK & School of Medicine, University of Pavia, Pavia, Italy.  | P<br>CR        |
| 33 | Multimodal imaging and management of Wagner syndrome - Three patients from an affected family   | <b>Tomasz Szeligowski</b> Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.  | P<br>CR        |
| 34 | RPGR protein structures used in current X-linked retinitis pigmentosa gene therapy clinical trials predicted by artificial intelligence                                     | Maram Abdalla Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.  | P<br>CR        |
| 35 | Withdrawn   |   |                |
| 36 | Functional analysis of variants of unknown clinical significance in Stickler syndrome   | <b>Zack Soh</b> Vitreoretinal Research Unit, John van Geest Centre for Brain Repair University of Cambridge, Cambridge, UK.   | P<br><i>LR</i> |
| 37 | Pathogenesis of RPGR-associated cone dystrophy and implications on gene therapy   | Cristina Martinez-Fernandez de la Camara Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK & Oxford Eye Hospital, Oxford, UK. | P<br><i>LR</i> |



|    | INHERITED RETINAL DISEASE  | ABSTRACTS 25–42  |                |
|----|--|--|----------------|
| 38 | Validating human-derived organoids as a suitable model for testing optogenetic therapies                       | Hoda Shamsnajafabadi<br>Nuffield Laboratory of Ophthalmology, Nuffield<br>University of Oxford, NIHR Oxford Biomedical<br>Research Centre, Oxford, UK.                       | P<br><i>LR</i> |
| 39 | Structure-guided chemical modifications to SaCas9 gRNA enhances CRISPR-Cas knockdown efficacy                  | Ruofan Connie Han Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK & Oxford Eye Hospital, Oxford, UK. | P<br><i>LR</i> |
| 40 | Comparing and optimising the editing efficiency of three RNA editor families targeting a CRB1 nonsense variant | Julia-Sophia Bellingrath Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK.                            | P<br><i>LR</i> |
| 41 | Withdrawn  |  |                |
| 42 | Insights into the retinal origin of the sheen in Oguchi<br>disease from serial retinal imaging                 | Haseeb Akhtar  NIHR Moorfields Biomedical Research Centre,  UCL Institute of Ophthalmology, London, UK &  St Thomas' Hospital, London, UK.                                   | DP<br>CR       |

|    | LIDS, LACRIMAL & ORBIT  | ABSTRACTS 43-45   |                |
|----|---|---|----------------|
| 43 | Evaluating antibiotic prescriptions in bacterial conjunctivitis - A common self-limiting condition                  | <b>Saran Santhosh</b> Nottingham University Hospitals Trust,  Nottingham, UK.   | P<br><i>CR</i> |
| 44 | Adjunctive use of mitomycin C (MMC) for revision dacryocystorhinostomy (DCR): A systematic review and meta-analysis | <b>Diya Baker</b><br>Birmingham Children's Hospital, Birmingham,<br>UK.   | P<br>CR        |
| 45 | Thyroid eye disease and COVID-19: Infection rates and symptom progression   | Hadi Mikhael Sabbagh Division of Oculo-facial Plastic Surgery, Department of Ophthalmology, American University of Beirut, Beirut, Lebanon. | P<br>CR        |

| 100     | SIER ADSIRACIS  |  |                |
|---------|---|--|----------------|
|         | MEDICAL RETINA (INC. UVEITIS)   | ABSTRACTS 46–69  |                |
| 46      | Towards automated optical coherence tomography (OCT) data analysis for a real-world diabetic macular oedema (DMO) treatment cohort                            | <b>S. James Talks</b> Newcastle upon Tyne Hospitals NHS Foundation Trust, Newcastle, UK.   | RF<br>CR       |
| 47      | Faricimab treatment outcomes with extended dosing and potential for Q20W intervals in DMO: A post hoc analysis of the phase 3 YOSEMITE/RHINE trials           | <b>Maged Habib</b> Sunderland Eye Infirmary, Sunderland, UK.   | RF<br>CR       |
| 48      | Visual acuity and eligibility for sight impairment registration for those with geographic atrophy in the population of Gloucestershire                        | <b>Esther Samuel</b> Gloucestershire Hospitals NHS Foundation Trust (GHNHSFT), Gloucester, UK.   | RF<br>CR       |
| 49      | Current evidence base for immune modulation in uveitis  | <b>Louis Clearkin</b> Oxford University Hospitals NHS Foundation Trust, Oxford, UK.  | RF<br>CR       |
| 50      | Prevalence and characteristics of Charles Bonnet syndrome (CBS) in patients with vitreoretinal and inherited retinal disease                                  | Ariel Yuhan Ong Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.   | RF<br>CR       |
| 51      | Impact of faricimab vs aflibercept on hard exudates in patients with DMO: Results from the phase 3 YOSEMITE/RHINE trials                                      | Christiana Dinah Ophthalmology Department, London North West University Healthcare NHS Trust, Central Middlesex Hospital, London, UK & Department of Brain Sciences, Imperial College, London, UK. | P<br>CR        |
| 52<br>a | Real-world treatment patterns and visual outcomes from 12 or more months of faricimab use among eyes with nAMD in the UK: Results from the FARWIDE-nAMD study | Samantha R. De Silva Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.  | P<br><i>CR</i> |
| 52<br>b | Real-world treatment patterns and visual outcomes in the first 12 months of faricimab use among eyes with DMO in the UK: Results from the FARWIDE-DMO study   | Christine A. Kiire Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.  | P<br><i>CR</i> |
| 53      | Comparing Pro-Re-Nata and Treat-and-Extend protocols for anti-VEGF injections in retinal vein occlusion - 12-month real world outcomes                        | Martin Horák<br>Oxford Eye Hospital, Oxford University Hospitals<br>NHS Foundation Trust, Oxford, UK.  | P<br><i>CR</i> |
| 54      | Tertiary centre experience of using ranibizumab biosimilar compared to aflibercept for neovascular age related macular degeneration                           | Muslim Bilal Cardiff University, School of Medicine, Cardiff, UK.  | P<br>CR        |
| 55      | Real world outcome of switching to faricimab in patients diagnosed with neovascular age related macular degeneration  | <b>Kaumudi Tiwari</b><br>Royal Victoria Infirmary, Newcastle upon Tyne,<br>UK.   | P<br><i>CR</i> |
| 56      | Switching to faricimab in the management of neovascular age related macular degeneration: a presentation of real world data                                   | <b>Youssef Helmy</b> Buckinghamshire Healthcare NHS Trust, Stoke Mandeville, UK & Cairo University, Cairo, Egypt.  | P<br>CR        |
| 57      | Outcomes of diabetic retinopathy screening in pregnant women in Birmingham and Solihull - Results from the largest NHS Trust in England                       | <b>Xiaoli Chen</b> University Hospitals Birmingham NHS Foundation Trust, Birmingham, UK.   | P<br><i>CR</i> |
| 58      | Real world data of the use of faricimab in the treatment of diabetic macular oedema (DMO) in a multi-ethnic population: experience of first 1000 injections   | <b>Ali Al-Gilgawi</b> London North West University Healthcare NHS Trust, London, UK.   | P<br>CR        |



| PU | STER ABSTRACTS   |   |                |
|----|--|---|----------------|
|    | MEDICAL RETINA (INC. UVEITIS)  | ABSTRACTS 43–69   |                |
| 59 | Anatomical outcomes at six-months in patients switched to faricimab following partial response to anti-VEGF therapy for neovascular age-related macular degeneration and diabetic macular oedema | Grace Borchert  Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK & Oxford Eye Hospital, Oxford, UK.    | P<br>CR        |
| 60 | Expanding the genotypic and phenotypic spectra with a novel variant in the ciliopathy gene, CFAP410  | Grace Borchert  Nuffield Laboratory of Ophthalmology, Nuffield  University of Oxford, NIHR Oxford Biomedical  Research Centre, Oxford, UK & Oxford Eye  Hospital, Oxford, UK. | P<br>CR        |
| 61 | Withdrawn  |   |                |
| 62 | Ethnicity and geographic atrophy phenotypic variation and progression  | Aina Pons Central Middlesex Hospital, Ophthalmology Department, London, UK.   | P<br><i>CR</i> |
| 63 | Activation of immune checkpoints, PD-1 and TIGIT, suppresses development of autoimmune uveitis in mice   | Kanmin Xue Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK.   | P<br><i>LR</i> |
| 64 | The role of immune regulator IRAK-M in myeloid cell activation in light-challenged mouse retina  | <b>Aiman Dilnawaz</b> Gloucestershire Hospitals NHS Foundation Trust, Gloucester, UK.   | P<br><i>LR</i> |
| 65 | Withdrawn  |   |                |
| 66 | CRISPR base editing of the human apolipoprotein E (APOE) risk variant for age-related macular degeneration   | Monica Hu Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK.  | P<br><i>LR</i> |
| 67 | A human uveal single cell atlas reveals fibroblast heterogeneity in adult and foetal eyes  | lan Reekie Kennedy Institute of Rheumatology, University of Oxford, Oxford, UK.   | P<br><i>LR</i> |
| 68 | Ocular manifestations of systemic fluoroquinolone use  | Muhammad Yousuf Hayat University Hospital Southampton NHS Trust, Southampton, UK.   | DP<br>CR       |
| 69 | Avacopan in the treatment of refractory scleritis secondary to granulomatosis with polyangiitis  | <b>Emilia Bober</b> Uveitis and Scleritis Service, Moorfields Eye Hospital NHS Foundation Trust, London, UK.  | DP<br>CR       |

|    | OCULAR ONCOLOGY AND PATHOLOGY   | ABSTRACTS 70–77   |                |
|----|---|---|----------------|
| 70 | Using deep learning to aid in the differentiation of uveal melanoma from a naevus   | Max Jackson Department of Molecular and Clinical Cancer Medicine, University of Liverpool, Liverpool. UK.                               | RF<br>LR       |
| 71 | The impact of the tumour laterality (unilateral vs bilateral) in patients with retinoblastoma on presentation and management outcome      | Omar AL Adawi<br>Salisbury District Hospital, Salisbury, UK.  | P<br>CR        |
| 72 | A comparison of high-risk pathological features between primary and secondary enucleation for retinoblastoma                              | <b>Reham Shehada</b><br>NHS-Highland, Inverness, UK.  | P<br>CR        |
| 73 | Ultrasound guided Ru106 plaque brachytherapy for treatment of exudative retinal detachment in children with diffuse choroidal haemangioma | <b>Ali Al-Gilgawi</b><br>Royal London Hospital, London, UK.   | P<br>CR        |
| 74 | Intravitreal bevacizumab for the treatment of choroidal haemangiomas  | <b>Helya Aghazadeh</b> Department of Ocular Oncology, Moorfields Eye Hospital, London, UK.  | P<br><i>CR</i> |
| 75 | Natural history of optic disc melanocytoma in 225 eyes  | <b>Pragya Saini</b> Moorfields Eye Hospital, London, UK.  | P<br><i>CR</i> |
| 76 | Unusual case of vitreous haemorrhage in a patient with history of radiation treated choroidal melanoma                                    | <b>Kumar Anshuman</b> James Cook University Hospital, Middlesbrough, UK.  | DP<br>CR       |
| 77 | An unusual phenotypic presentation of ocular<br>Erdheim-Chester disease   | Jennifer Utting Ophthalmology Department, Royal Hallamshire Hospital, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, UK. | DP<br>CR       |



|    | PAEDIATRIC, STRABISMUS & NEURO-OPHTHALMOLOGY  | ABSTRACTS 78–97   |                 |
|----|---|---|-----------------|
| 78 | Withdrawn   |   |                 |
| 79 | Optomap derived retinal vascularisation rate predicts threshold retinopathy of prematurity (ROP)  | Emer Chang Nuffield Laboratory of Ophthalmology, Nuffield University of Oxford, NIHR Oxford Biomedical Research Centre, Oxford, UK.   | RF<br>CR        |
| 80 | Does single horizontal rectus muscle transposition surgery produce symptomatic torsion?   | Sanil Shah Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.   | P<br>CR         |
| 81 | Improving the diagnostic accuracy of referrals for papilloedema (The DIPP study) - A survey of optometrists                             | Muslim Bilal Cardiff University School of Medicine, Cardiff, UK.  | P<br><i>CR</i>  |
| 82 | Retinal nerve fibre layer thinning in probable traumatic encephalopathy syndrome  | Morgan See University of Wollongong Graduate School of Medicine, Wollongong, Australia.   | P<br><i>CR</i>  |
| 83 | Myopia progression in children with Stickler syndrome: A longitudinal cohort study  | <b>Nisha Nixon</b> Cambridge University Hospitals NHS Foundation Trust, Cambridge, UK.  | P<br>CR         |
| 84 | Sex differences in risk of retinopathy of prematurity: A systematic review, frequentist and Bayesian meta-analysis, and meta-regression | Mohamad F. Almutairi MosaKids Children's Hospital, Maastricht University Medical Center (MUMC+), School for Oncology and Reproduction (GROW), Maastricht University, Maastricht, The Netherlands. | P<br>CR         |
| 85 | Platelet counts and risk of severe retinopathy of prematurity: A systematic review and meta-analysis                                    | Mohamad F. Almutairi MosaKids Children's Hospital, Maastricht University Medical Center (MUMC+), School for Oncology and Reproduction (GROW), Maastricht University, Maastricht, The Netherlands. | P<br>CR         |
| 86 | Ophthalmic surgical waiting times in a tertiary children's hospital following the Covid-19 pandemic                                     | <b>Sana Rasool</b> Birmingham Women's and Children's Hospital, Birmingham, UK.  | P<br>CR         |
| 87 | Plication squint surgery - Is delayed adjustment feasible?  | <b>Haneen Jasim</b> Birmingham Children's Hospital, Birmingham, UK & Oxford University Hospitals, Oxford, UK.   | P<br>CR         |
| 88 | Paediatric scleral-fixated lens implantation - Long term outcomes   | <b>Fadi Ghazala</b><br>Birmingham Children's Hospital, Birmingham,<br>UK.   | P<br><i>CR</i>  |
| 89 | Comparing the pupillary light response using two pupillometers with cerebrovascular reactivity  | Sierra Sparks  Department of Engineering Science, Institute of Biomedical Engineering, University of Oxford, Oxford, UK.  | P<br><i>LR</i>  |
| 90 | Nutritional deficiency and heavy metal related optic neuropathy: A case report  | <b>Evgeniia Mustafaeva</b> Hull University Teaching Hospitals NHS Trust, Hull, UK.  | DP<br><i>CR</i> |
| 91 | Child that cannot see   | Faris Arif  | DP              |

|    | AEDIATRIC, STRABISMUS & NEURO-OPHTHALMOLOGY ABSTRACTS 78–97   |   |                 |
|----|---|---|-----------------|
| 92 | Case series of babies treated with two injections of bevacizumab for the treatment of retinopathy of prematurity (ROP)                                      | Ahmed Abdelrahim<br>Bedfordshire Hospitals NHS Foundation Trust,<br>Bedford, UK.  | DP<br><i>CR</i> |
| 93 | Practice patterns in reporting and documentation of Charles Bonnet syndrome: A retrospective review following COVID-19                                      | <b>Sri Harsha Dintakurti</b> NIHR Biomedical Research Centre, Moorfields Eye Hospital NHS Foundation Trust, London, UK. | DP<br>CR        |
| 94 | Bilateral macular choroidal neovascularization in one of identical male twins with congenital X-linked retinoschisis  - A case report and literature review | Alice Di Domenico Oxford Eye Hospital, Oxford University Hospitals NHS Foundation Trust, Oxford, UK.                    | DP<br>CR        |
| 95 | Myelinated retinal nerve fibres in craniosynostosis: A case series  | <b>Fadi Ghazala</b> Birmingham Children's Hospital, Birmingham, UK.   | DP<br>CR        |
| 96 | A review of the genotype-phenotype correlation of Poretti<br>Boltsahuser syndrome (PBS)   | Wonyoung Moon Oxford University Hospitals NHS Foundation Trust, Oxford, UK.   | DP<br>CR        |
| 97 | Case report: An unusual anterior segment manifestation of persistent fetal vasculature  | Pavel Sharma Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge, UK.                | DP<br>CR        |



|     | SURGICAL RETINA   | ABSTRACTS 98–107   |                 |
|-----|---|--|-----------------|
| 98  | Withdrawn   |  |                 |
| 99  | Pathobiology of the crystalline lens in Stickler syndrome   | Martin P. Snead Vitreoretinal Research Group, John van Geest Centre for Brain Repair, University of Cambridge, Cambridge, UK.                            | P<br>CR         |
| 100 | An innovative low resource model for simulating retinal LASER for new ophthalmology trainees  | <b>Harry Rosen</b> Portsmouth Hospitals University NHS Trust, Portsmouth, UK.  | P<br><i>CR</i>  |
| 101 | Outcomes of pars plana vitrectomy and epiretinal membrane peel in patients with vision 6/12 or better   | <b>Rebecca Jones</b> Cheltenham General Hospital, Cheltenham, UK.  | P<br><i>CR</i>  |
| 102 | Ophthalmic features of spondyloepiphyseal dysplasia congenita (SEDc)  | Abbas F. Fahem  NHS England Highly Specialised Stickler Syndrome Diagnostic Service, Cambridge University Hospitals NHS Foundation Trust, Cambridge, UK. | P<br><i>CR</i>  |
| 103 | Withdrawn   |  |                 |
| 104 | Transcriptional changes in physiological and pathological posterior vitreous detachment   | Mel Maranian Vitreoretinal Research Group, John van Geest Centre for Brain Repair, University of Cambridge, Cambridge, UK.                               | P<br><i>LR</i>  |
| 105 | Submacular haemorrhage as a complication of retinal artery macroaneurysm (RAMA) in the case of combined hypertension and type 2 diabetes mellitus | <b>Iryna Blagun</b> <i>Private Practice, Kyiv, Ukraine.</i>  | DP<br><i>CR</i> |
| 106 | Bandage contact lens as an alternative to temporary keratoprosthesis for vitrectomy with concurrent corneal opacity                               | <b>Youssef Helmy</b> Buckinghamshire Healthcare NHS Trust, Aylesbury & Cairo University, Cairo, Egypt.   | DP<br><i>CR</i> |
| 107 | A case report - Have patience! Let me peel on my own  | Komalta Kumari  Doncaster and Bassetlaw Teaching Hospital (DBTH), Doncaster, UK.   | DP<br><i>CR</i> |



#### Gene therapy treatments for retinal diseases

# 107th Oxford Ophthalmological Congress DOYNE LECTURER

#### Robert MacLaren MB ChB DPhil FRCS FRCOphth FACS FMedSci



Robert MacLaren is Professor of Ophthalmology at the University of Oxford and a Consultant Vitreoretinal Surgeon at the Oxford Eye Hospital.

He graduated with a degree in medicine from the University of Edinburgh followed by a DPhil in Optic Nerve Regeneration from the University of Oxford. After Foundation Year training in Edinburgh, Reading and Oxford, he completed specialty training at Moorfields Eye Hospital where he also undertook fellowship training in vitreoretinal surgery and medical retina research. He currently leads a team of 20+ clinicians, scientists and research optometrists in the Nuffield Laboratory of Ophthalmology at the University of Oxford in what has now become the largest retinal gene therapy group worldwide. Work from his team has led to several first in human clinical trials, including gene therapy for choroideremia, age-related macular degeneration and X-linked retinitis pigmentosa. In addition he led the world's first use of a remotely controlled robot to operate successfully inside the eye in 2016.

#### Maintaining the tradition



The ethos since 1909, that the congress is "for the cultivation of the spirit of good fellowship and of unconventionality, the right of our youngest member to rank with his oldest colleague, and last, but assuredly not least, the frank, free and tolerant discussion of scientific matters brought before its gathering."

The Oxford Ophthalmological Congress is the most long standing meeting and the 2nd largest ophthalmological meeting held in the United Kingdom, attracting approximately 350 delegates each year. Historically the Annual Meeting takes place from the first Monday in July through to the following Wednesday.

#### A short history of the Oxford Ophthalmological Congress 1909 to present day

The origins of descriptive ophthalmology are in antiquity. Therapeutics - at least in the form of cataract couching - is also ancient. But modern scientific ophthalmic theory and practice evolved in the mid-19th century driven by the inventions of the ophthalmoscope and the biomicroscope (forerunner of the slit lamp) and by that century's enthusiasm for the ordering and classification of the natural world.

The great early German ophthalmologists - Helmholtz, von Graefe and Leber particularly - combined accurate personal history taking with detailed descriptions of diseases of the eye. They were internationalists and receptive to advances and discoveries (e.g. the control of infection) in other disciplines.

Robert Doyne died in 1916; the annual Doyne Memorial Lecture was inaugurated in 1917, making it the oldest invited named ophthalmic lecture in the UK.

Robert Doyne (1857-1916), the founder of the Oxford Ophthalmological Congress, shared these characteristics. A meticulous observer - see e.g. his 1899 description of "honeycomb retinal dystrophy" or the Coppock cataract - he was also known as an excellent surgeon and teacher, was hardworking and had formidable organising ability. He had a wide range of social, sporting and domestic commitments and was, for example, a founder member of the Oxford Fencing Club, a tennis player, sailor, cellist, playwright and breeder of pug dogs. He had founded the Oxford Eye Hospital in 1886. He was appointed Reader in Ophthalmology to the University of Oxford (the Margaret Ogilvie readership, the oldest senior academic ophthalmic appointment in the UK) in 1902. In 1904, Doyne was elected President of the Section Ophthalmology of the British Medical Association.

The 1904 annual meeting of the BMA was held in Oxford on July 26th to the 29th. Doyne and the Section honorary secretary, Sydney Stephenson, organised the programme, which in concept is recognisably that adopted by the Oxford Ophthalmological Congress in 1909 and still the structure on which the annual Congress meeting is based. Delegates to the BMA ophthalmic section meeting in 1904 were resident at Keble College and the lectures were given in the School of Anatomy. Doyne himself opened the meeting welcoming an international audience in English, French and German. The opening symposium was on retrobulbar neuritis with Robert Marcus Gunn (1850-1909) and Wilhelm Uhtoff (1853-1927) the principal invited speakers. There was a further symposium on cataract surgery (featuring then, as now, a lengthy dogmatic contribution on surgical technique), one on intraocular haemorrhage and systemic disease and one on accommodation and astigmatism. There was a charming contribution by a zoologist on "The Vision of Birds". Operations for cataract and glaucoma were demonstrated by international surgeons at the Oxford Eye Hospital.

Robert Doyne would recognise that the scientific programme for the present OOC Meetings are based on the blueprint of the 1909 meeting.

The meeting was the first in the UK (probably in the world) to combine these scientific and practical elements with a social programme featuring tours of colleges and evening dinners. It was a great success and Doyne was asked to organise similar events in Oxford in the following years (these meetings were not part of the BMA annual meeting). The Oxford Summer Ophthalmological Meetings held between 1905 and 1908 were of the same academic standard as the original BMA meeting and organised principally by Doyne and Stephenson. They were presided over by Robert Doyne. By the time of the fifth such annual meeting in 1909 Sydney Stephenson, in particular, recognised the undue burden that was being placed on even as energetic and enthusiastic an individual as Robert Doyne. After discussion with other parties, Stephenson proposed to Doyne that the meeting continue on an annual basis, but that the task of organisation be taken over by a Congress Council. Stephenson and Doyne drew up the constitution of the Oxford Ophthalmological Congress, which formally replaced Doyne's annual Oxford meetings after 1909.

The founding governing council of the OOC had 23 members, including 5 from Europe and the USA. Executive powers were vested in The Master, the Treasurer and the Honorary Secretary. Doyne was elected Master, a post in which he continued until 1914 to be succeeded by Sydney Stephenson, the original Honorary Secretary. Keble College continued as the Congress base until 1947. After brief associations with Hertford and Brasenose colleges, the Congress moved to Balliol in 1952, remaining there until 1996 when it transferred to St Annes. Sir William Osler, Regius Professor of Medicine at Oxford University, presided at the opening ceremony of the OOC in the Lecture Theatre of the Department of Physiology on Thursday, 21st July 1910. The programme consisted of descriptions of operations, "addresses" - (e.g. on glaucoma by Mr Priestley-Smith) - and demonstrations of instruments and clinical methods. There were also operations and demonstrations of clinical cases at the Oxford Eye Hospital. The inaugural Congress dinner took place as well as other social events such as a Smoking Concert and expedition by river to Reading.

Although the Ophthalmological Society of the United Kingdom (OSUK)-forerunner of the Royal College of Ophthalmologists - had been founded by Sir William Bowman in 1880 and met annually, the OOC quickly became established as a major UK national ophthalmic meeting. Until the expansion of the College Congress recently it was also the largest meeting. From its inception there was an international flavour with members and invited lecturers from Europe, the USA and the old Colonies.

Robert Doyne died in 1916; the annual Doyne Memorial Lecture was inaugurated in 1917, making it the oldest invited named ophthalmic lecture in the UK. From the early years, Doyne lecturers have been invited from overseas as well as UK ophthalmologists, and since the mid-1970s this has been formalised on alternate years. The list of Doyne lecturers is representative of the best minds in the past century of the UK and international ophthalmology, and includes Sir Stuart Duke Elder, Professor Sir Norman Ashton and Professor Barry Jones. Non ophthalmologists, especially neurologists, have given Doyne Lectures, notably Swithin Meadows in 1969 and Professor lain McDonald in 1983. Other important non-ophthalmic lecturers have included (from Oxford) the Chair of Anatomy, Professor W. E. Le Gros Clark (1942) and of Physiology, Professor Colin Blakemore (1989). The Doyne Memorial Lecture to mark the centenary, was given by Professor Sir John Bell who is, (as Sir William Osler was), a distinguished Canadian Regius Professor of Medicine at Oxford University. Sydney Stephenson had been elected Master in 1916 and remained in post until 1922, following which the tenure of the Master was reduced to 3 years and subsequently in 1959 to 2 years.

Amongst Robert Doyne's successors as Master was his son, P.G. (Geoffrey Doyne - also a notable fencer - (1942-1944). The Congress organisers have maintained the policy, established in the early years, of inviting distinguished overseas speakers to contribute to symposia. These have included Dr William Wilmer, founder of the Wilmer Institute, Baltimore (1927), Dr Harvey Cushing who spoke on the early diagnosis of intracranial tumours in 1932 and Sir Harold Gillies (1935) on plastic surgery of the eyelids.

The 1909 constitution of the OOC, notable for its brevity, has remained unchanged. The minutes of Council meetings reveal that this body and its executive have, however, always been innovative and forward thinking. The first lady member (Miss Lilias Blackett) was elected in 1917 to be followed by (among others) Ida Mann (elected 1926, Doyne lecturer 1929). The importance of the Council as distinguished ophthalmologists was recognised by the adoption of four Council members and The Master as ex officio members of the Council of British Ophthalmologists, forerunner of the Faculty of Ophthalmology of the Royal College of Surgeons (established in 1946 by Sir Stuart Duke Elder).

In 1998, space constraints at the Department of Physiology in South Parks Road led to a move to the much larger and more comfortable accommodation of the Oxford Playhouse. Optic UK who has supported the Congress for many years with a Trade Exhibition moved to the nearby Randolph Hotel and the Congress Poster exhibition to the Ashmolean Museum and, subsequently, the Taylor Institute.

Robert Doyne would recognise that the scientific programme for the present OOC Meetings are based on the blueprint of the 1909 meeting.

Read more about our heritage, view past Doyne Lecturers, Masters and Honorary Members @ www.ooc.uk.com/our-heritage

| NOTES |  |
|-------|--|
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |

| NOTES |  |
|-------|--|
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |

| NOTES |  |
|-------|--|
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |
|       |  |

#### A thank you to our 2024 supporters

Please take time to visit them at the TOWN HALL in the Grand Hall, Old Library and Assembly Room.

#### **PLATINUM LEVEL**





#### **GOLD LEVEL**









Look closer. See further.



























#### **SILVER LEVEL**





















**EXCLUSIVE MEDIA Partner** 



Save the date 7-9th July 2025

# ooc.uk.com

#### Oxford Ophthalmological Congress

Founded in 1909 by Robert W Doyne

For the cultivation of the spirit of good fellowship and of unconventionality, the right of our youngest member to rank with his oldest colleague, and last, but assuredly not least, the frank, free and tolerant discussion of scientific matters brought before its gathering.