



Irish College of
Ophthalmologists
Eye Doctors of Ireland
Protecting your Vision

Irish College of Ophthalmologists

ANNUAL CONFERENCE

Programme

**GALWAY BAY HOTEL, GALWAY
MAY 15th - 17th 2019**

PROGRAMME

Wednesday 15th May

9.00am Paper Session

Chair: Prof Conor Murphy

HazMat Emergency Readiness in Ophthalmology (HERO)
C Malone

Full Thickness Macular Hole Repair: Clinical Features and Outcomes in a Single Centre
T McSwiney

Descemet's Membrane Endothelial Keratoplasty: First Irish Prospective Study of Visual Outcomes, Graft Survival and Endothelial Cell Count
P Stanciu

Questions

Fundus Fluorescein Angiography in Human Subjects Displays Circadian Variation
A Hopkins

Patient Involvement in Development of Customised Care Plans for Genetically-confirmed Inherited Retinal Degeneration
A Long

Brittle Bones, Blue Sclerae and Stiff Corneas
E Doolan

Enhanced Ocular Delivery Using Biocompatible Nanomaterials
D Kent

Reduced Oxidative Phosphorylation and Increased Glycolysis (The Warburg Effect) in Glaucoma Lamina Cribrosa Cells
K Kamel

Lamina Cribrosa Tissue Stiffness as the Primary Biomechanical Driver of Pathological Glaucomatous Cupping
A Hopkins
Pseudoexfoliation Glaucoma – Do Genes or Environment matter more?
A Greene

Questions

10.30am **ICO/Novartis Eye Research Bursary Winner 2018 - 2019**
Introduction: Dr Alison Blake

Targeting Ocular Inflammation in Dry Eye Disease with Novel MicroRNA-based Therapeutics
Dr Emily Greenan
Clinical Tutor, Ophthalmology
PhD student, Royal College of Surgeons in Ireland

10.45am **Coffee**

11.15am **Official Welcome**
Dr Alison Blake
President, Irish College of Ophthalmologists

Presentation of the John Blake Medal for Best Research Paper

11.30am **Phase 3, Randomized, Double-Masked, Multi-Center Trials of Brolucizumab Versus Aflibercept for Neovascular AMD: 96-week Results from the HAWK and HARRIER Studies**
Mr Mark Cahill
Consultant Ophthalmic Surgeon, Royal Victoria Eye and Ear Hospital, Dublin

11.40am **Nutrition and Age-related Macular Degeneration Symposium**
Co-Chairs: Mr Mark Cahill and Dr Fiona Harney

Nutrition for Ophthalmologists and our Patients
Miss Monique Hope-Ross
Honorary Consultant Ophthalmic Surgeon at the Birmingham and Midland Eye Centre and Good Hope Hospital, Honorary Senior Clinical Lecturer, Birmingham University (Ret).

PROGRAMME

Wednesday 15th May

Cellular Consequences of an Unhealthy Diet-Trafficking Defects in the Retinal Pigment Epithelium

Dr Arjuna Ratnayaka

Lecturer in Vision Sciences, University of Southampton.

Exploring the Microbiome in Health & Disease

Dr Sinéad C. Corr, Ph.D

Assistant Professor in Microbiology, Department of Microbiology, The Moyné Institute of Preventive Medicine, Trinity College Dublin

1.00pm **Lunch**

2.00pm European Society of Ophthalmology (SOE) Lecture 2019

Introduction by Ms Patricia Logan

SOE Board Member and Consultant Ophthalmic Surgeon, Beaumont Hospital, Dublin

Retinopathy of Prematurity

Ms Claire Hartnett

Consultant Ophthalmic Surgeon, Temple Street Children's University Hospital, Dublin

2.30pm Ocular Emergencies and Trauma Symposium

Chair: Mr Gerry Fahy

Orbital and Oculoplastic Emergencies

Presenting to the Royal Victoria Eye and Ear Hospital

Ms Rizwana Khan

Consultant Ophthalmic Orbital, Oculoplastic Surgeon and Consultant in-charge Accident and Emergency Department, Royal Victoria Eye and Ear Hospital, Dublin.

The Development of Emergency Ophthalmology as a Sub-Specialty

Miss Seema Verma

*President of British Emergency Eye Care Association
Consultant Ophthalmic Surgeon, Guys and St Thomas' Hospital, London*

3.30pm **Coffee**

4.00pm General Data Protection Regulation and Clinical Practice

Introduction: Mr John Doris

The GDPR One Year On – a Practical Guide for Compliance

Nicola Bayly

Assistant Commissioner, Technology Multinational Supervision Unit, Data Protection Commission

4.30pm Paper Session

Co-Chairs: Ms Niamh Collins and Ms Caroline Baily

Serum Eye Drops for Ocular Surface Disease – National Survey of Cornea Specialists in Ireland
M Rhatigan

Orbital Radiation for Thyroid Associated Orbitopathy: The Role of Combined Corticosteroids and Orbital Radiation in Preventing Disease Progression
AM Mongan

CT Navigation in Orbital Surgery
R Ellard

Periocular Cancer Care: A Single Centre Experience
T McSwiney

Conjunctival Melanoma: A 10-year Review of Irish Patients
T Murphy

Corneal Collagen Crosslinking for Progressive Keratoconus: One-Year Controlled Clinical Trial Analysis
H Cheema

Questions

PROGRAMME

Thursday 16th May

7.45am **Breakfast Symposium** – *Kindly supported by Bayer*
Chair: Mr Frank Kinsella

Management of Neovascular AMD Utilising a Treat and Extend Approach

Professor Michael Ulbig
Ludwig Maximilians University Munich; Department of Ophthalmology, Klinikum rechts der Isar, (University Hospital), Technical University of Munich, Munich

9.00am **Papers Session**
Chair: Dr Maureen Hillery

Audit of a Juvenile Idiopathic Arthritis Ophthalmology Screening Service
G Comer

ROP Screening in Letterkenny University Hospital – An Analysis of Thirteen Years of Data
R Gillespie

Ophthalmia Neonatorum in a Tertiary Referral Children's Hospital: A Retrospective Study
D Gildea

The Difficult Exam' - The Use of Oral Midazolam in Children with Special Needs
G Comer

Audit of Acute Acquired Esotropia in Adults with Myopia
C McCloskey

Periocular Necrotising Fasciitis Management
M O'Rourke

Questions

9.45am **Paediatrics Symposium**
Co-Chairs: Dr Maureen Hillery & Dr Stephen Farrell

Paediatric Uveitis

Miss Sarah Chamney
Consultant Ophthalmic Surgeon, Temple Street Children's University Hospital, Dublin

The "Ayes" have it: Ophthalmological Clues to Neurological Diagnosis in Children

Professor Mary King
Consultant Paediatric Neurologist, Temple Street Children's University Hospital, Rotunda Hospital and Beaumont Hospital, Dublin; Professor in Paediatrics at University College Dublin, School of Medicine & Medical Science, Ireland

Advances in Paediatric Cataract Management

Professor Chris Lloyd
Paediatric Consultant Ophthalmologist, Great Ormond Street, London

11.15am **Coffee**

11.45am **Podium Presentation – 3 Best Posters**

Rapid Fire Audit

Chair: Dr Geraldine Comer

A Review of Ophthalmic Radiology Referrals in a Tertiary Centre
A Smyth

A Review of the Immunohistochemistry Findings of Patients with Uveal Melanoma Attending the Royal Victoria Eye and Ear Hospital
A Salih

National Incidence of Eyelid Cancer in Ireland (2005–2015)
C Quigley

Knowledge of Costs of Commonly Utilised Medications and Materials Amongst Irish Ophthalmologists
B Power

Establishing a Virtual Glaucoma Clinic
E Hughes

Questions

PROGRAMME

Thursday 16th May

12.15pm **Round Table Case Based Discussion**

Moderator: Miss Marie Hickey Dwyer

Facilitators: Mr John Doris & Mr Eugene Ng

This moderated round table session will provide an opportunity for participants to examine issues as they relate to clinical practice and tap into the expertise in the room. A team of facilitators will help focus the conversations and engage group members in the discussion.

“Slido” an audience interaction tool will be used at this session, offering interactive Q&A, live polls and insights into audience views

1.10pm **Presentation by Dr Alison Blake of Sir William Wilde Medal for Best Poster**

1.15pm **Lunch**

2.00pm **Workshops**

Closed Session for ICO Members

1. Practice Review and Audit

Facilitated by Dr Maureen Hillery

Update on ICO National Review on the Visual Acuity Systems being used in the Eye Clinic & discussion on topics for next national audit

2. Trainee/NCHD Workshop

Co Chairs: Ms Niamh Collins and Ms Caroline Baily

Introduction of a Leadership Intervention to Foster NCHD Professional Development
R Brady

Friday 17th May

9.00am **Irish College of Ophthalmologists Annual General Meeting**

Chair: Dr Alison Blake

Closed Session for ICO Members

Dr Alison Blake will address delegates at the end of her term of office and Dr Patricia Quinlan will accept the Presidential Chain of Office.

9.30am **Paper Session**

Chair: Dr Patricia Quinlan

The Therapeutic Effect and Outcome of XEN Gel Stent in Glaucoma
A Salih

Seeing the Bigger Picture!
A Ni Mhealoid

The Phenotype & Genotype of Usher Syndrome in Ireland
K Stephensen

Limited Vitrectomy: A Novel Surgical Technique for the Treatment of Vitreomacular Traction, Sub-internal Limiting Membrane hemorrhages and Tractional Small Macular Holes
R McGrath

One Year Visual and Anatomic Outcomes following Vitrectomy for Complications of Diabetic Retinopathy
K Curtin

Effectiveness of Ozurdex Implant in Immunosuppressed Patients with Non-Infectious Posterior Segment Intraocular Inflammation
C Goodchild

Target 5000: An Update on Progress, Goals and Future Interventions for Patients with Inherited Retinal Degeneration in Ireland
D Keegan

Questions

PROGRAMME

Friday 17th May

10.15am **Five Year Review of Diabetic RetinaScreen**
Mr David Keegan
*Consultant Ophthalmic Surgeon, Mater Misericordiae
University Hospital, Dublin*

Analysis of Non-Attendance of Diabetic Retina
Screening Patients at the Diabetic Retinopathy
Clinic in University Hospital Limerick
M Mohamad

A Quantitative Analysis of a Regional Diabetic
Retinal Treatment Centre since the Initiation of the
Irish Diabetic Retinal Screening Programme
E Nugent

10.30am **Annual Mooney Lecture 2019**

**Old Diseases in the New Century: Déjà Vu in
the Uveitis Clinic**

Prof Nicholas Jones
*Consultant Ophthalmologist and Director, Manchester
Uveitis Clinic. Hon. Professor of Ophthalmology,
Manchester Academic Health Science Centre,
University of Manchester*

11.15am **Coffee**

11.45am **Presentation by Dr Patricia Quinlan of
Barbara Knox Medal for Best Paper**

11.50am **Lean Thinking in Cataract Delivery – an
Integrated Care Model**
Chair & Introduction: Prof Billy Power

**Lean Cataract Surgery – Does this Mean
Missing the Tea Break??**

Mr Paul Mullaney
*Consultant Ophthalmic Surgeon, Sligo University
Hospital, Sligo*

**A New Cataract Unit – All you Have to do is
Build a New Theatre**

Mr Barry Quill
*Consultant Ophthalmic Surgeon, Royal Victoria Eye
and Ear Hospital, Dublin*

**Efficiency in Cataract Surgery – Our
Experience in an NHS Beacon Site**

Mr Paul Chell
*Consultant Ophthalmic Surgeon, Worcester Royal
Hospital, Worcester (Ret)*

1.30pm **Conference concludes**

**Thank you to all our sponsors and supporters, in particular those who
have supported prizes, research and educational bursaries**

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IGO ANNUAL CONFERENCE 2019 – POSTERS

Atypical Presentations of Ocular Metastasis

R N Shaffi

Subconjunctival Hemorrhage Following Intravitreal Anti-VEGF Injections

M Mohamad

Acute Comitant Myopic Esotropia-Botox vs Squint Surgery

S Chen

Retinopathy Changes Since Onset of the Diabetic Retinopathy Screening Service in University Hospital Galway

D Townley

An Audit of iStent Usage and Outcomes in the Royal Victoria Eye & Ear Hospital

R McGrath

Severe Female Carrier Phenotype in an Irish Pedigree with Novel Massive Deletion in the CHM Gene

J Zhu

The Efficacy of Switching to Intravitreal Aflibercept for Persistent Diabetic Macular Oedema Refractory to Ranibizumab

A Hazirah

Development of a Core Outcome Set for Age-Related Macular Degeneration Interventions

A Krezel

TGF β induces NOX4 and Fibrotic Genes in Trabecular Meshwork Cells: Role in Glaucoma

R Goetz

An Audit of Diabetic Retinopathy Screening in Pregnant Women with Insulin Dependent Diabetes Mellitus

E Doolan

Beware of the Kitty Cat!

A NiMhealoid

Case Report: Rare Case of Proptosis and Loss of Vision

M Mohamed

Improvement of Visual Acuity Based on Optical Coherence Tomography Patterns Following Intravitreal Bevacizumab Treatment in Patients with Diabetic Macular Edema

H Cheema

Rare Solitary Fibrous Tumor of Lacrimal Sac in Young Patient

J Huang

Elucidating the Role of the Hippo Pathway in the Development of Open Angle Glaucoma

J Morris

Epithelial Inclusion Cyst of the Orbit after an Evisceration: The Use of Trichloroacetic Acid (20%)

D Gallagher

An Audit of Outcomes from the Administration of Tissue Plasminogen Activator in Patients with Submacular Haemorrhages

D Gallagher

A Case Series of the Use of ILUVIEN Implant

N Shikin

Isolated Orbital Gliopendymal Cyst in an Infant - Case Report

Z Sirang

Acute Macular Neuro Retinopathy

M Rahman

Congenital Dural Ectasies of the Optic Nerve Sheath

M Rahman

A Rare Case of Bilateral Optic Disc Piti in a Myopic Female

M Akram

Multi-centre Diabetic RetinaScreen Diabetic Retinopathy Referrals and Treatment Outcomes

R Pandey

Shocking Convergence – Unusual Ocular Manifestation Post Low Voltage Electric Shock

E Nugent

Intraocular Lens Selection in Cataract Surgery

E Hegazy

Cryopexy for Retinal Tears

B Cummings

What Travel Burden do Intravitreal Injections Place on Patients in the West of Ireland?

S O'Regan

Visual Field frequency and glaucoma progression – An audit from the Mater Misericordiae University Hospital

A Greene

A Retrospective Study on the Blood Pressure of Patients with Diabetic Macular Oedema Receiving Anti-VEGF and intravitreal Corticosteroid Therapy

G Hanrahan

A Retinal Rarity

B Woods

Non-attendance Rates at Intravitreal Injection Clinics in the Mater Misericordiae University Hospital Over a 4 Month Period

B Woods

A Case of Neurotrophic Keratitis

A Smyth

Reconstruction of the Upper Eyelid Following Excision of Basal Cell Carcinoma - a Case Report

M Rhatigan

Surgical Correction of Paediatric Ptosis using Mullers Muscle - Conjunctival Resection with Putterman Ptosis Clamp

M Rhatigan

A Case Series of Orbital Subperiosteal Haematomas

R Ellard

Introduction of a Leadership Intervention to Foster Non-Consultant Hospital Doctor Professional Development

R Brady

Speaker Biographies



Professor Nicholas Jones

Consultant Ophthalmologist and Clinical Director of Uveitis Service, Manchester Royal Eye Hospital; Honorary Professor of Ophthalmology, Manchester Academic Health Science Centre, University of Manchester.

Professor Nicholas Jones underwent his undergraduate training at the Universities of St. Andrews and Manchester, and postgraduate training in ophthalmology at Southampton and Manchester, UK.

In 1991 he created the Manchester Uveitis Clinic, now in its 29th year and one of the busiest in the world, which has treated nearly 5,000 patients with uveitis from the North of England, Wales and beyond.

He is the author of two textbooks: "Uveitis: An Illustrated Manual" which won the Royal Society of Medicine Book Prize in 1999, and "Uveitis: Second Edition" in 2012. He has also written a history of the Manchester Royal Eye Hospital for its bicentenary in 2014, numerous book chapters and over 100 peer-reviewed papers.

The Manchester Uveitis Clinic team has a high research output; the main current interests are on the diagnosis and management of sarcoidosis and tuberculosis, on new imaging in uveitis, and on secondary glaucoma.

Professor Jones is an elected member of the International Uveitis Study Group and the American Uveitis Society, is a founder faculty member of the Moorfields and Euretina Uveitis Courses, and is regularly invited to lecture and teach nationally and internationally. He is a member of the Editorial Boards of the journals Ocular Immunology & Inflammation, and Journal of Ophthalmic Inflammation and Infection.



Professor Chris Lloyd

Consultant Paediatric Ophthalmologist, Great Ormond Street Hospital for Children, London.

Professor Chris Lloyd is a Consultant Paediatric Ophthalmologist at Great Ormond Street Hospital for Children in London. He has held an Honorary Chair from the Manchester Academic Health Science Centre, University of Manchester since 2012 and retains Honorary Consultant status at Manchester Royal Eye Hospital.

His training included undergraduate studies at St Bartholomew's Hospital London, SHO and registrar posts at Manchester Royal Eye Hospital and 2 years as a clinical fellow at Great Ormond Street. He returned to Manchester as a

Speaker Biographies

senior registrar/lecturer in 1993. He became Manchester's first sub-specialist consultant paediatric ophthalmologist in 1995 and together with his colleagues built up and developed the MREH paediatric eye service into a large tertiary referral and teaching centre. He took up his current post at Great Ormond Street in 2016.

Prof. Lloyd has published over 90 peer reviewed papers, 11 book chapters and co-edited a text book (with Prof Scott Lambert of Stanford University, California) on congenital cataract diagnosis and management.

He regularly lectures nationally and internationally. He received an "Honor award" from AAPOS (the American Association for Paediatric Ophthalmology and Strabismus) in 2017 and serves on the AAPOS ophthalmic genetic task force. He was the UK board member of the European Paediatric Ophthalmology Society from 2012 to 2016.

He has a longstanding clinical and research interest in the diagnosis and management of infantile and childhood cataract and other inherited eye disorders. He has collaborated with Professor Graeme Black and the ManGen team in the development (and subsequent introduction to the NHS) of a targeted next generation sequencing panel for improving the precision of diagnosis of children with cataract. Over the last 13 years he has organised many teaching workshops at both AAPOS, the AAO (American Academy of Ophthalmology) and the Annual Congress of the Royal College of Ophthalmologists.

He is currently a board member of the British and Irish Paediatric Ophthalmology Association (BIPOSA) and recently stepped down after 5 years as chair of the Paediatric Sub-committee of the Royal College of Ophthalmologists.



Miss Sarah Chamney

Consultant Ophthalmologist, Temple Street Children's University Hospital, Mater Misericordiae University Hospital and the National Maternity Hospital, Dublin.

Miss Sarah Chamney is a Consultant Ophthalmologist based at Children's Health Ireland at Temple Street, the Mater Misericordiae University Hospital and the National Maternity Hospital, Dublin. She is a graduate of Trinity College, Dublin and she completed her specialist ophthalmology training in the Northern Ireland Deanery. She undertook her paediatric ophthalmology fellowship at the Manchester Royal Eye Hospital.

Speaker Biographies



Professor Mary D. King

Consultant Paediatric Neurologist, Temple Street Children's University Hospital, Rotunda Hospital and Beaumont Hospital, Dublin.

Professor Mary D King is a Consultant Paediatric Neurologist at Temple St. Children's University Hospital, Rotunda Hospital and Beaumont Hospital, Dublin and Professor in Paediatrics at University College Dublin, School of Medicine & Medical Science, Ireland.

She has many publications in the field of paediatric neurology and is co-author of "A Handbook of Neurological Investigations in Children" (King & Stephenson, MacKeith Press London, 2009).

Her main areas of research interest are neurogenetics, movement disorders and causation of neonatal encephalopathy and childhood disability.



Miss Seema Verma

**Consultant Ophthalmic Surgeon, Guys and St Thomas' Hospital, London
President of the British Emergency Eye Care Society (BEECS)**

Miss Seema Verma is a Consultant Ophthalmic Surgeon at Guys and St Thomas' Hospital, London and a founding member and President of the British Emergency Eye Care Society (BEECS). Her main areas of interest include acute ophthalmology, cataract and external eye disease. Having graduated in medicine from University College London, she completed her ophthalmic training on the North Thames Rotation which culminated in a corneal fellowship at Moorfields. She also took time out of her training whilst at St Thomas' Hospital to complete her MD in excimer laser with Professor John Marshall.

In 2001 Miss Verma was appointed a consultant at Moorfields Eye Hospital and became the first ophthalmologist in the UK to lead an ophthalmic A&E department. For 15 years she was their Service Director for A&E and General Ophthalmology and developed the role of the Nurse Practitioner and the extended role of the optometrist in delivering acute care in the A&E department. In 2017 she established the optometry delivered Urgent Care Centre at Moorfields.

With the help of like-minded colleagues she co-founded BEECS in October 2013 and strived to establish emergency ophthalmology as a sub-specialty in its own right. In March 2016 the Royal College of Ophthalmologists granted sub-specialty status to Emergency Ophthalmology. Seema continues to champion acute ophthalmology as a sub-specialty by teaching and organising courses nationally and internationally. She is a member of the Scientific Committee at the Royal College of Ophthalmologists.

Speaker Biographies



Mr Paul Barrington Chell

Consultant Ophthalmic Surgeon, Worcester Royal Hospital, Worcester (Ret).

Mr Paul Chell was Clinical Director of Head and Neck Surgery at Worcester Royal Hospital, with a special interest in cataract surgery and patient focused efficient care. He has performed over 17,000 cataract surgeries. The unit was recognized in 2000 by the Department of Health in the UK as a “Beacon site” for efficient cataract surgery. He developed independent eye clinics in the UK renowned for their patient focused efficiency, care and excellence. He also consults widely on efficiency and avoiding “never events” in the UK. In the early 1990’s his mathematical models, research and lecturing led to the terms “spherical targeting” and “astigmatic targeting” still widely used in cataract surgery today. He was President of numerous prestigious societies and gave over 100 invited lectures. Paul retired from clinical practice at 50 years of age. He now has a special interest in nutrition and triathlon. He is a Director of an English football club, where he chairs the Performance Enhancement Group.



Miss Monique Hope-Ross

Honorary Consultant Ophthalmic Surgeon at the Birmingham and Midland Eye Centre and Good Hope Hospital; Honorary Senior Clinical Lecturer, Birmingham University (Ret).

Miss Monique Hope-Ross was Clinical Director at Birmingham and Midland Eye Hospital and Heart Of England Hospitals, with a special interest in medical ophthalmology, including diabetes and macular degeneration. She trained in Dublin, Belfast, Birmingham and New York. She introduced new imaging techniques to the UK. She pioneered diabetic eye screening in the UK and was awarded a Fellowship of the Royal College of Physicians. She led in the uptake of anti VEGF therapies, lecturing widely. She has published many scientific publications and book chapters. Monique was President of the Ophthalmic Imaging Society and the Midland Ophthalmological Society. She has delivered over invited 100 lectures. She was Honorary Senior Clinical lecturer in the University of Birmingham. Her interest in diabetic eye disease lead to an interest in nutrition and wellness. She has studied this extensively and lectured to both clinicians and patients on the subject. She has an interest in sports nutrition and is part of a Performance Enhancement Group in an English football club.

Speaker Biographies



Dr Arjuna Ratnayaka

Lecturer in Vision Sciences (School of Medicine), University of Southampton.

Dr Ratnayaka is a Lecturer in Vision Sciences and brings together expertise in retinal cell biology and neurodegeneration. He is an alumnus of the University of Aberdeen, Imperial College London, and the University of Liverpool. This was followed by postdoctoral work at King's College London and the University of Sussex.

His group at the University of Southampton investigates the molecular mechanisms underlying degenerative pathologies in the senescent retina and brain; leading to conditions such as age-related macular degeneration, retinal dystrophies and Alzheimer's disease. His work has described how synaptic vesicles are shared by adjacent synapses, how signalling occurs via extra-synaptic sites and how synaptic plasticity is modulated by neurons. His work in retinal diseases has uncovered how genetic and dietary risk factors lead to pathogenic alterations in cellular trafficking, and how changes in the extracellular matrix contributes to disease. Ongoing projects study the role of misfolding proteins and clearance of aggregating macromolecules in retinal and brain pathologies.

Dr Ratnayaka's work utilises in-vitro and in-vivo models as well as human donor tissues. His research involves collaborations with other scientists, clinicians as well as industrial partners.

Dr Ratnayaka's portfolio also includes teaching in several undergraduate and postgraduate programmes across two Faculties. He is engaged in outreach activities including raising awareness of blinding diseases and dementia through workshops, public lectures and work with patients as well as education in schools.



Ms Rizwana Khan

Consultant Ophthalmic Orbital, Oculoplastic Surgeon and Consultant in-charge Accident and Emergency Department, Royal Victoria Eye and Ear Hospital, Dublin.

Ms Khan completed her ophthalmology training and fellowship in orbits, oculoplastic and neuro-ophthalmology in 2007. She is involved in several research projects in orbits and oculoplastics with special interest in navigation in orbital surgery.

Speaker Biographies



Mr Paul Mullaney

Consultant Ophthalmic Surgeon, Sligo University Hospital.

Mr Paul Mullaney is a Consultant Ophthalmic Surgeon working in Sligo University Hospital. He undertook his initial training in The Royal Victoria Eye and Ear Hospital in Dublin. There followed further training fellowships in the University of Wisconsin and University of Toronto in Pediatric Ophthalmology. Prior to taking up his post in Sligo he worked in The King Khaled Eye Specialist Hospital in Saudi Arabia and The Worcester Royal Infirmary. The Worcester Royal Infirmary specialised in high volume cataract surgery. Whilst in Sligo he was the Clinical Director of the hospital for 8 years. The Ophthalmology team won the prestigious HSE National Health Service Excellence award in 2016. His main practice areas encompass cataract surgery and paediatric ophthalmology.



Mr Barry Quill

Consultant Ophthalmic Surgeon, Royal Victoria Eye and Ear Hospital, Dublin.

Mr. Barry Quill is a Consultant Ophthalmic Surgeon whose clinical areas of expertise include cataract, refractive, glaucoma and corneal surgery. He completed his residency and specialist registrar training in 2015 through the Royal College of Surgeons, Ireland. He was awarded a fellowship in refractive laser and cataract surgery from the Mater Private Hospital, Dublin and awarded two subsequent fellowships from The Royal Perth Hospital, Australia gaining valuable experience in new novel methods of corneal transplantation and minimally invasive glaucoma surgery.

Mr Quill was appointed as a Consultant Ophthalmic Surgeon in 2017 to the Royal Victoria Eye and Ear Hospital and Clinical Lead for the new cataract unit at the Hospital.

His main research interests are glaucoma, corneal transplantation and eye banking. He received his academic Doctorate from University College, Dublin (2010) for his full-time research in glaucoma eye disease. This body of work has resulted in international and national prizes, awards and publications, and he has lectured worldwide on his findings. He has authored multiple international peer reviewed publications and book chapters.

Speaker Biographies



Ms Nicola Bayly

Assistant Commissioner, Multinationals & Technology Unit, Data Protection Commission.

Ms Nicola Bayly is an Assistant Commissioner in the Data Protection Commission working as a lead investigator in the Multinationals & Technology Unit. As part of this role Nicola scopes issues for statutory inquiry that have come to the attention of the Commission via a complaint or otherwise. Nicola is involved in managing the inquiry process and is currently in charge of a number of different inquiries into the practices of some of the world's leading technology companies on issues as diverse as the extent of a data subject's right of access to "observed" personal data to examining the validity of the lawful bases relied upon by data controllers in their processing of personal data.

Nicola is a solicitor with experience in advising private and regulatory clients with regard to data protection compliance from her time spent in firm.



Ms Claire Hartnett

Consultant Paediatric Ophthalmic Surgeon, Temple Street Children's University Hospital, Dublin.

Ms Claire Hartnett is a Consultant Paediatric Ophthalmic Surgeon at the Children's University Hospital, Temple Street. She undertook her fellowship training at Great Ormond Street Hospital, London and The Royal Hospital London.



Dr Emily Grennan

Clinical Tutor, Ophthalmology; PhD student, Royal College of Surgeons in Ireland.

Dr Emily Grennan was announced the winner of the ICO/Novartis Eye Research Bursary 2018 at the Annual Adare Retinal Meeting in Limerick on September 28, 2018 for her research project entitled 'Targeting Ocular Inflammation in Dry Eye Disease with Novel MicroRNA-based Therapeutics'.

Dr Grennan's research focusing on ocular inflammation in dry eye disease is being carried out between the Royal Victoria Eye and Ear Hospital, Dublin and the Royal College of Surgeons in Ireland as part of Dr Greenan's PhD under the supervision of Professor Conor Murphy, Chair and Professor of Ophthalmology at the RCSI and Dr Joan Ni Gabhann at the Department of Ophthalmology and Molecular and Cellular Therapeutics, RCSI.

Dr Greenan will give an update on her research at the ICO Annual Conference in Galway.

Speaker Biographies



Dr Sinéad C. Corr

Assistant Professor in Microbiology; Group Leader, Host-Microbe Interface and Gut Immunity, Department of Microbiology, The Moyné Institute of Preventive Medicine, Trinity College Dublin.

Dr Sinéad Corr qualified with a BSc Microbiology from University College Cork in 2002 obtained a PhD in Molecular Microbiology at the Alimentary Pharmabiotic Centre, under the supervision of Prof. Colin Hill (2007), investigating the interaction of the food borne pathogen *Listeria monocytogenes* with the gastrointestinal epithelium and the therapeutic potential of probiotics to treat intestinal infection.

Dr Corr subsequently undertook a post doctorate position as part of a collaboration between GlaxoSmithKline and the Alimentary Pharmabiotic Centre, under the mentorship of Prof. Fergus Shanahan, investigating novel therapeutics for the treatment of IBD. In 2008, she joined the lab of Prof. Luke O'Neill at the School of Biochemistry and Immunology, Trinity College Dublin, where she further investigated the role of innate signalling pathways in intestinal infection and IBD.

In 2012, Dr Corr was awarded a Starting Investigator Research Grant from Science Foundation Ireland, to investigate the role of miRNA's in the regulation of gut homeostasis or inflammatory disease. She was appointed Assistant Professor in Microbiology at Trinity College Dublin, and established the HostMicrobe Interface & Gut Immunity lab in 2015. Employing molecular based approaches and elaborate in vivo models and clinical analyses, the Corr research group aims to unravel the molecular mechanisms underpinning the crosstalk between the intestinal immune system and the gut microbiota in disease associations, in particular microbiome-associated disorders like IBD. The influence of the microbiota on health and disease, and the potential to harness it as a therapeutic strategy, is a research focus.



Professor Michael Ulbig

Ludwig Maximilians University Munich; Department of Ophthalmology, School of Medicine, Klinikum rechts der Isar, (University Hospital), Technical University of Munich.

Prof. Dr. med. Ulbig has a major interest in clinical studies and retinal vascular diseases. His clinical subspecialty is medical retina, including the treatment and diagnosis of diabetic retinopathy, age-related macular degeneration, and retinal vein occlusions. Prof. Ulbig is a Lecturer at Ludwig Maximilians University in Munich, the "Academy der Augenärzte Deutschlands (AAD)", DOG basic science course at the International University in Venice. Prof. Ulbig has authored more than 180 pubmed listed papers.

IRISH COLLEGE OF OPHTHALMOLOGISTS

The Irish College of Ophthalmologists (ICO) is the training and professional body for eye doctors in Ireland. The ICO is recognised by the Medical Council as the only post graduate training body for ophthalmology in Ireland.

The central goal of the ICO is to maintain standards of excellence for the maintenance and restoration of vision and the preservation of sight through the education of its members, trainees and the public.

This is achieved by setting the highest standards in ophthalmic training for doctors specialising in the field and for continuing medical education and professional development for those in practice.

The mission of the ICO is to reduce the number of annual cases of preventable blindness and vision impairment, to maintain vision and to extend and prolong, to the greatest extent possible, the length of time those who have vision impairment can continue to live independently.

The ICO is focused on its strong leadership role, providing accurate medical information to the public and policy guidance to the government. The ICO is dedicated to working with all relevant parties on the most appropriate model of care for Ireland based on excellence in medical care and patient safety. The College has long standing relationships and strong interaction with a broad range of both government and non-government institutions across healthcare planning, regulation and delivery through which it both promotes and supports the specialist training and education agenda.

The College aims to guarantee the highest standards of patient safety by ensuring that there is an agreed patient pathway in eye care. Together with the HSE, the College supports the National Clinical Programme for Ophthalmology which aims to deliver changes that will improve the current system in hospital and community care services, ensuring prompt detection, diagnosis and treatment.

As the expert body on eye care in Ireland the ICO takes a broad view on the delivery of care including treatment, diagnosis, prevention, patient safety, quality and cost of care. College policy is fully aligned with the transformation programme for the health services, in particular the concept of patients receiving treatment from the appropriate personnel, in the appropriate location, in a timely manner.

As an official member of the Healthy Ireland Network, the ICO is committed to supporting this Government led initiative to get Ireland healthy and active. Promoting the health of our population to prevent illness is an essential part of the Sláintecare strategy. We are mindful that every effort to support and increase awareness of the importance of a healthy lifestyle is beneficial to us all!



“Eye Doctors of Ireland, protecting your vision”

For further information visit www.eyedoctors.ie



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