



# 4<sup>th</sup> Global Ophthalmology and Eye Diseases Summit

**October 23-24, 2023**

**BARCELONA, SPAIN**

## Theme

" Research advancements and surgical innovations in ophthalmology; Exploring how technology is transforming ophthalmology "

2

DAYS WITH MORE THAN  
45 SESSIONS,  
KEYNOTES & TALKS

12+

INNOVATIVE FEATURED  
SPEAKERS

20+

HOURS OF  
NETWORKING EVENTS

60+

INTERNATIONAL  
SPEAKERS

125+

EDUCATIONAL SESSIONS

**ADV. OPHTHALMOLOGY 2023**

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Ophthalmologists | Optometrist | Eye Surgeons | Eye Care Specialists | Ocular Oncologists | Ophthalmology Faculty | Students | Ophthalmology Researchers | Pediatric Ophthalmologist | Physicians | Vision Research Labs | Business Professionals (Directors, Presidents, CEO) from Ophthalmology Equipment Companies | Healthcare Professionals | Ophthalmology Start-up Companies | Young Investigators | Training Institutes | Academic Researchers | Nurse Practitioners | Hospitals | Clinicians | Public Health Professional

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# PRESENTATION FORUM

## KEYNOTE FORUM / MINI-PLENARY SESSIONS

Presentations under Keynote Forum or Mini-Plenary Sessions includes abstracts with remarkable research value selected by the program committee. These significant speeches are delivered by globally recognized honorable speakers and it is open to all registrants.

## DISTINGUISHED SPEAKERS FORUM (ORAL ABSTRACT SESSIONS)

In this forum, speakers and experts of the research field gets an opportunity to showcase their noble research work that involves comprehensive research findings. These formal oral presentations include a wide range of talks covering basic research to advanced research findings in accordance to the theme and scientific sessions of the conference.

## STUDENT FORUM

### POSTER SESSION

This session is particularly introduced to encourage more number of student participation at international conferences, however it is not restricted only to students since it is also available for the participants with language barrier. There are specific guidelines to be followed to prepare the poster. Poster topic should be selected only from relevant scientific sessions with in-depth technical details.

## YOUNG INVESTIGATORS FORUM

An exclusive opportunity for students and young investigators to present their research work through a formal oral presentation. Young Investigators Forum provides a global platform for young researchers and scholars to showcase their valuable contribution to the scientific world and to get acknowledged by the global scientific community of experts. It is an excellent opportunity to recognize young scientific assets with promising research ideas. These oral presentations are of shorter time duration with 10-15 minutes of informative and precise presentations in relevant scientific sessions.

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## **EDUCATIONAL WORKSHOPS/RESEARCH WORKSHOPS/ CORPORATE WORKSHOPS/MINI- SYMPOSIA**

With an aim of transferring knowledge among the participants, workshops are introduced as a part of international conferences. These interactive and occasionally practical sessions gives an opportunity for participants to engage in detail discussion. Workshops are mostly scheduled for 60 to 90-minutes. It may range from learning about a specific topic relevant to international education, products and research which sometimes involves practical demonstration. It helps in enhancing skills, knowledge and understanding of the research field in depth through interactive discussions.

## **MEET THE PROFESSOR @ NETWORKING SESSIONS**

This session involves open discussion between the experts and session attendees, it gives enough time for getting answers to specific questions and doubts. It is an opportunity for attendees to increase their professional networking, sometimes also leads to an excellent collaboration opportunity.

## **HIGHLIGHTS OF THE DAY SESSIONS**

“Highlights of the Day Sessions” is introduced to discuss and focus a ray upon previous day ORAL ABSTRACT presentations by experts to summarise the key findings. It helps in getting better insights into the various dimensions of the topic.

## **EDUCATIONAL SESSIONS/ TRAINING PROGRAMS**

Educational Sessions or training programs are specifically designed for a better understanding of the latest findings and technologies. These are generally 45-minute sessions that gives an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.

## **SCIENTIFIC TRACKS/ SESSIONS**

Ophthalmology Disorders | Clinical and Surgical Ophthalmology | Pediatric Ophthalmology | Ophthalmology Practice | Ophthalmology Surgery | Glaucoma | New Advancements and Protective Eye Care | Ophthalmogenetics | Vision Rehabilitation | Neuro Ophthalmology | Ocular Emergencies | Uveitis Scleritis | Eye Infections and Allergies | Cataract | Ophthalmic Research | Ocular Immunology and Microbiology | Neuro Ophthalmology | Diabetic Retinopathy | Retina Vitreous | Ocular Oncology | Management of Cataract Refractive Surgery | Macular Degeneration | Infectious Diseases | Ophthalmic Healthcare | Eye Lens and Refractive Errors and Management | Advances in Vision Improvement | Diagnostic and Therapeutic Instruments Used in Optometry and Ophthalmology

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# REGISTER & PARTICIPATE

in

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## TYPES OF ACADEMIC REGISTRATIONS

SPEAKER REGISTRATION

COMBO A

(REGISTRATION + 2 NIGHT ACCOMMODATION)

COMBO B

(REGISTRATION + 3 NIGHT ACCOMMODATION)

DELEGATE REGISTRATION

## TYPES OF BUSINESS REGISTRATIONS

SPEAKER REGISTRATION

COMBO A

(REGISTRATION + 2 NIGHT ACCOMMODATION)

COMBO B

(REGISTRATION + 3 NIGHT ACCOMMODATION)

DELEGATE REGISTRATION

## TYPES OF STUDENT REGISTRATIONS

REGISTRATION

41F

COMBO A

(REGISTRATION + 2 NIGHT ACCOMMODATION)

COMBO B

(REGISTRATION + 3 NIGHT ACCOMMODATION)

POSTERS

## TYPES OF ADDITIONAL REGISTRATIONS

ACCOMPANYING PERSON

E-POSTER

VIRTUAL PRESENTATION

WORKSHOPS

START-UPS

“ TIME TO  
CONNECT  
WITH YOUR  
PEERS ”

# CONCURRENT EDUCATIONAL SESSIONS

**MONDAY**  
**OCTOBER 23**  
**2023**

## BASIC OPHTHALMOLOGY

- Anatomy and Embryology of the Eye
- Physiology of the Eye
- Ocular Biochemistry
- Ocular Pharmacotherapy
- Ocular Microbiology
- Immunology of the Eye
- Ocular Genetics

## OPTICS, REFRACTIONS, CONTACT LENSES

- Visual Perception
- Non Surgical Visual Correction
- Surgical Visual Correction
- Types of Contact Lenses
- Acquired cataract
- Management of age related cataract
- Abnormalities of lens shape
- Congenital cataract
- Dislocation of Lens

## OPHTHALMIC PATHOLOGY

- Bacterial Contamination
- Diabetes Retinopathy
- Ophthalmic Diseases
- Age-related macular degeneration
- Uveal melanoma
- Retinoblastoma
- Cataracts

## PEDIATRIC OPHTHALMOLOGY

- Corneal Disorders in children
- Refractive Error in children
- Amblyopia
- Pediatric Cataract Surgery
- Childhood Glaucoma
- Congenital Abnormalities of the Retina
- Retinopathy of Prematurity
- Retinoblastoma
- Nystagmus
- Congenital Esotropia
- Paralytic Strabismus

## GROUP PHOTO | COFFEE BREAK

## OCULAR EMERGENCIES & INJURIES

- Diagnosis
- Management
- Complications
- Observation and Treatment
- Medication and Care
- Epidemiology

## GLAUCOMA

- Tonometry
- Gonioscopy
- Laser Treatment
- Trabeculectomy
- Drainage Shunts
- Ocular Hypertension
- Pseudoexfoliation
- Iridoschisis
- Non Penetrating Glaucoma Surgery
- Inflammatory Glaucoma

## OCULOPLASTICS

- Blepharoplasty
- Canthoplasty
- Tarsorrhaphy
- Canaliculodacryocystostomy
- Dacryocystostomy
- Exenteration
- Ocular Prosthetic
- Graves Disease
- Browplasty

## DIAGNOSIS TESTS IN OPHTHALMOLOGY

- Eye Examination
- Optical Coherence Tomography
- Fluorescein Angiography
- Visual Acuity
- Ophthalmoscopy
- Corneal Topography
- Fundus Photography
- Electroretinography

## LUNCH BREAK

## NEURO OPHTHALMOLOGY

- Ocular motility and multiple cranial nerve Palsies
- Neurological Approach to Ptosis
- Optic Neuropathies
- Head Injury
- Coma disorders of high functions and Psychiatric disease
- Neurocutaneous Syndromes
- Stroke, Migraines and other vascular disorders
- Pituitary and Chiasmal disorder

## UVEITIS & SCLERITIS

- Infectious Uveitis
- Noninfectious Uveitis
- Uveitis Masquerades
- Circumcorneal Congestion
- Conjunctivitis
- Conditions that can mimic Panuveitis
- Retinal Vasculitis

## CORNEA & CONJUNCTIVA

- Pterygium
- Infectious Conjunctivitis
- Ocular Surface Disorders
- Dry Eye
- Infectious Keratitis
- Immunological Disorders of Cornea
- Corneal Degeneration
- Eye Banking
- Contact Lenses

## OCULAR PHARMACOLOGY

- Rinse eye drops
- Dry eyes
- Steroid and Antibiotic eye drops
- Allergies
- Mydriatic eye drops
- Injectable medication

## COFFEE BREAK

## RETINA & VITREOUS

- Retinal Vascular Occlusions
- Diabetic Retinopathy and Macular Edema
- Age related Macular Degeneration
- Rhegmatogenous Retinal Detachment
- Tumors and Paraneoplastic Disorders
- Cardiovascular Disease
- Retinitis Pigmentosa
- Vitreous Hemorrhage
- Choroidal Melanoma

## OCULAR ONCOLOGY

- Uveal Melanoma
- Ocular Adnexal Lymphoma
- Retinoblastoma
- Ocular Melanoma
- Kaposi's sarcoma
- Enucleation of the Eye

## OPHTHALMOLOGY DISEASES & DISORDERS

- Age-Related Macular Degeneration
- Cataracts in Babies
- Cataracts
- Bulging Eyes
- Colour Blindness
- Diabetic Macular Oedema
- Eye Floaters and Eye Flashes
- Eyelid Twitching
- Keratoconus
- Lazy Eye

## EYE SAFETY & CARE

- Spectacles
- Goggles
- Welding Helmets & Shields
- Respiratory Face Pieces

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# CONCURRENT EDUCATIONAL SESSIONS

**TUESDAY**  
**OCTOBER 24**  
**2023**

## OCULAR MICROBIOLOGY AND IMMUNOLOGY

- Antibody-Dependent & Antibody-Mediated Diseases
- Cell-Mediated Diseases
- Corneal Graft Reactions
- Fungal Endophthalmitis
- Antibiotics in Ocular Infections
- Uveitis, Intraocular Inflammation
- Recent Developments in Immunotherapy
- Conjunctival Pathology
- Lacrimal Pathology
- Optic Nerve Meningioma

## RESEARCH TRENDS IN SURGICAL & MEDICAL OPHTHALMOLOGY

- Novel research in Ophthalmology
- Research issues in Ophthalmology
- Neuro-Ophthalmology and Research
- Innovative techniques in Ophthalmology
- Ocular Microbiology, Pathology and Immunology
- Ophthalmology clinical trials

## OPHTHALMIC RESEARCH AND DRUG DEVELOPMENT

- Sustained Delivery Approaches
- Diagnostic Dye Solutions
- Drugs used in Treatment of Allergic Conjunctivitis
- Ocular and Systemic side effects of Drugs
- Tropical combination of Corticosteroid and Anti-Infective Agents
- Transplantation Technologies for Retina

## ADVANCED OPHTHALMOLOGICAL CARE

- Premium Lens Implant
- Laser Vision Correction
- Laser-Assisted cataract Surgery
- Premium Intra-Ocular Lens Implants (IOL's)
- Cataracts
- Diabetic Retinopathy
- Glaucoma
- Macular Degeneration
- Amblyopia (lazy eye)
- Blocked Tear Duct
- Droopy Eyelid

## GROUP PHOTO | COFFEE BREAK

## OPTOMETRY AND VISION SCIENCE

- Vision Impairment and Chronic Disease
- Behavioral Optometry
- Optometric Medication
- Correlation between Myopia (or Hyperopia) and Astigmatism

## OPHTHALMOLOGY PRACTICE

- Determine the business model
- Open a practice checking account
- Get a Tax/Employer Identification Number
- Get Malpractice Insurance
- Setup a fee schedule
- Get your credentials
- Choose an EHR
- Decide between billing software and outsourcing
- Obtain medical equipment and tools

## CATARACT RISK FACTORS

- Clouded, blurred or dim vision
- Increasing difficulty with vision at night
- Sensitivity to light and glare
- Seeing "halos" around lights
- Frequent changes in eyeglass or contact Lens Prescription
- Fading or yellowing of colors
- Double vision in a single Eye

## INFLUENCES OF OTHER DISEASES ON CATARACT AND REFRACTIVE CONDITIONS

- Ultraviolet Radiation
- Diabetes
- Hypertension
- Obesity
- Smoking
- Prolonged use of Corticosteroid medications
- Statin medicines used to reduce Cholesterol
- Previous Eye Injury or Inflammation

## LUNCH BREAK

## REFRACTIVE ERRORS

- Nearsightedness
- Farsightedness
- Presbyopia
- Astigmatism
- Risk Factors
- Diagnosis
- Management

## OPTOMETRY INSTRUMENTS

- Aberrometers / Wavefront Aberrometry
- Automatic Refractor
- Autorefractor Keratometer
- Corneal Topography
- Digital Camera
- Digital Retinal Camera
- Exam Lane Sets
- Instrument Stands
- Optical Coherence Tomography (OCT) Equipment
- Optical Trial Lens Frames

## BENEFITS, COSTS AND MANAGEMENT OF CATARACT AND REFRACTIVE SURGERY

- The Corneal Incision
- The Capsulotomy
- Lens and Cataract Fragmentation
- Astigmatism correction at the time of Cataract Surgery
- Laser cataract Surgery Systems
- Cost of Laser Cataract Surgery
- Weighing the Benefits

## OPHTHALMOLOGY COMMUNITY

- Multi disciplinary team in Community
- Competencies required for service components
- Clinical leadership and Governance
- Define outcome measures and how to evaluate outcomes
- Integrating the Community service with Primary and Secondary care
- Collaborative working to deliver a Community Ophthalmology services

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# NETWORKING...CONFERENCING...FOSTERING

ATTENDING A CONFERENCE ISN'T ALL ABOUT  
LEARNING AND NETWORKING

# DISCOVERING

A right choice of conference destination is an important aspect of any international conference and keeping that in consideration, ***Adv. Ophthalmology 2023*** is scheduled in the Beautiful city "Barcelona".



BOQUERIA MARKET



CAMP NOU STADIUM OF  
FC BARCELONA



CASA BATLLÓ



CASA MILÀ (LA PEDRERA)



HOSPITAL DE SANT PAU



LAS RAMBLAS



PALAU DE LA  
MÚSICA CATALANA



PARC DE MONTJUÏC &  
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# CONTACT US


## **Program Director Adv. Ophthalmology 2023**

**Peers Alley Media**

1126 59 Ave East, V5X 1Y9, Vancouver BC, Canada

Contact us: [novelophthalmology@speakerscouncil.org](mailto:novelophthalmology@speakerscouncil.org)

Ph : +1-778-766-2134

 WhatsApp No: +1 873-889-8976

<https://novel-ophthalmology.peersalleyconferences.com/>

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