

**Theme**

New Innovations and  
Insights of Ophthalmology

**? WHO  
SHOULD  
ATTEND**

Ophthalmologists | Optometrist | Eye Surgeons | Eye  
Care Specialists | Ocular Oncologists | Ophthalmology  
Associations and Societies | Ophthalmology Faculties  
and Students | Ophthalmology Researchers and  
Scholars | Pediatric Ophthalmologist | Physicians  
| Scientific Community | Vision Research Labs |  
Business Entrepreneurs | Business professionals  
(Directors, Presidents, CEO) from Ophthalmology  
equipment companies | Delegates | Healthcare  
Professionals | Ophthalmology Startup Companies |  
Young Investigators | Training Institutes

**VIRTUAL  
CONFERENCE**

**Global Summit on  
Future of Clinical  
and Experimental  
Ophthalmology**

August 05-06, 2021

**Ophthalmology Care 2021**

**2**

DAYS WITH MORE  
THAN 45 SESSIONS,  
KEYNOTES & TALKS

**12+**

INNOVATIVE  
FEATURED  
SPEAKERS

**20+**

HOURS OF  
NETWORKING  
EVENTS

**60+**

INTERNATIONAL  
SPEAKERS

**125+**

EDUCATIONAL  
SESSIONS

2021

# Welcome Message

Dear Colleagues,

Hold on to your hats! Welcome to Global Summit on Future of Clinical and Experimental Ophthalmology, which will be held on August 05-06, 2021. Get ready for a conference filled with scientific research, education, leadership and practice topics guaranteed to stimulate lively discussions. The Organizing Committee has done an exceptional job of bringing together practitioners to share the global perspective of Ophthalmology. This international conference will provide the attendee the opportunity to explore Ophthalmology across the lifespan from multiple perspectives. I am honored to be a part of Organizing Committee and look forward to this immersion experience.

The theme for the Ophthalmology Care 2021 is “New Innovations and Insights of Ophthalmology” and consists of prominent keynote presentations by renowned speakers, oral talks, poster presentations, and exhibitions. There will be opportunities for conference participants to learn, share, and ask experts in their areas of interests and concerns related to many Ophthalmology fields.

I look forward to seeing you in Digital Event on August 05-06, 2021

Sincerely,

**Balashova Larisa Maratovna**

*Chairman*

*Pirogov Russian National Research Medical University, Russia*

*Ministry of Health of the Russian Federation*

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OPHTHALMOLOGY CARE

# 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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TIME TO  
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WITH YOUR  
**PEERS**



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in

**OPHTHALMOLOGY  
CARE  
2021**

TYPES OF  
ACADEMIC  
REGISTRATIONS

**SPEAKER  
REGISTRATION**

Delegate  
Registration



## 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.

## 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.

## 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.

## SCIENTIFIC TRACKS/ SESSIONS

Ocular Emergencies & Injuries | Glaucoma | Oculoplastics | Diagnostic Tests in Ophthalmology | Neuro Ophthalmology | Uveitis & Scleritis | Cornea & Conjunctiva | Ocular Pharmacology | Retina & Vitreous | Ocular Oncology | Ophthalmology Diseases & Disorders | Eye Safety & Care | Ocular Microbiology and Immunology | Research Trends in Surgical and Medical Ophthalmology | Optometry and Vision Science | Ophthalmology Practice | Cataract Risk Factors | Ophthalmology Community

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## TYPES OF BUSINESS REGISTRATIONS

**SPEAKER  
REGISTRATION**

Delegate  
Registration

## TYPES OF STUDENT REGISTRATIONS REGISTRATION

YIF

POSTERS

## TYPES OF ADDITIONAL REGISTRATIONS

E-Poster

Virtual Presentation

Workshops

Start-Ups



# Concurrent Educational Sessions

## THURSDAY, AUGUST 05, 2021

### 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

# Concurrent Educational Sessions

## FRIDAY, AUGUST 06, 2021

### 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 instrument used in the surgical and medical Ophthalmology
- New medical interventions for maintaining good eye sight

### 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 (IOLs)
- Cataracts
- Diabetic Retinopathy
- Glaucoma
- Macular Degeneration
- Amblyopia (lazy eye)
- Blocked Tear Duct
- Droopy Eyelid
- Thyroid Eye Disease
- Retinal Detachment

## 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
- Perform a security risk assessment

### 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
- Previous Eye Surgery

## 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
- Equality Assessments of Community Ophthalmology services





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August 05-06, 2021

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## Featured Speakers

## Presentation Titles

### Tammy Z Movsas

Zietchick Research Institute,  
USA

New Insights into Eye Development

### Larisa Balashova

N.I. Pirogov Russian National  
Research Medical University,  
Russia

Early central retina dystrophies and age-related macular degeneration similarities in pathogenesis as compared in Russian population for treatment approaches

### Zhen Li

The People's Hospital of  
Leshan, China

Implantable collamer lens surgery in patients with primary iris and/or ciliary body cysts

### Shanna Yeung

The University of British  
Columbia, Canada

Choroidal Thickness in Patients with Cardiovascular Diseases

### Victor Ermilov

Volgograd State Medical  
University Volgograd, Russia

Clinical and Morphological features of Ophthalmiodirofilariasis

### Bojan Pajic

Swiss Eye Research  
Foundation, Switzerland

A prospective study with high frequency femtosecond Laser assisted cataract surgery: Clinical and Physical Advantages compare to Manual Cataract Procedure

### Daniel Laroche

New York Eye and Ear of  
Mount Sinai, USA

Efficacy of Affordable Combination Microinvasive Glaucoma Surgery: Combined 23-Gauge Cytotome Goniotomy and Ciliary Sulcus Suprachoroidal Microtube Surgery in Patients with Moderate to Advanced Glaucoma: A 6-month retrospective study

<p><b>Yun Zhen Le</b> The University of Oklahoma Health Sciences Center, USA</p>	<p>VEGF is a master regulator for neuronal integrity in diabetic retinopathy and hypoxic retinal diseases</p>
<p><b>Zsuzsanna Z. Orosz</b> University of Szeged, Hungary</p>	<p>Cellular Factor XIII, a Transglutaminase in Human Corneal Keratocytes</p>
<p><b>Meili Zhu</b> The University of Oklahoma Health Sciences Center, USA</p>	<p>VEGF is a trophic factor for cone photoreceptor survival under hypoxia, an AMD-like retinal environment</p>
<p><b>Sandra Franco</b> University of Minho, Portugal</p>	<p>Dynamical and real-time measurement of monochromatic ocular wavefront aberrations: applications</p>
<p><b>Elfriede Stangler-Zuschrott</b> Medical University Vienna, Austria</p>	<p>Prism Treatment of Infantile Squint</p>
<p><b>Luigi Donato</b> University of Messina, Italy</p>	<p>A new RNA-Seq derived perspective on Retinitis pigmentosa: new identified pathways related to oxidative stress</p>
<p><b>Vicente Zanon-Moreno</b> Valencian International University, Spain</p>	<p>Identification of microRNAs in tears as biomarkers for primary open-angle glaucoma</p>
<p><b>Ana Isabel Martinho Miguel</b> Polyclinique de la Baie, France</p>	<p>Improvement of vessel density after glaucoma surgery</p>
<p><b>Xiaohua Li</b> Zhengzhou University, China</p>	<p>Histone deacetylase inhibitor attenuates experimental fungal keratitis in mice</p>
<p><b>Shikun He</b> Zhengzhou University, China</p>	<p>MeCP2 plays a critical role in the pathogenesis of proliferative vitreoretinopathy</p>
<p><b>Siwei Cai</b> Tianjin Medical University eye Hospital, China</p>	<p>The efficacy and safety of aflibercept and conbercept in diabetic macular edema</p>
<p><b>Zdravka Chalmanova-Demerdjieva</b> Acibadem Cityclinic Tokuda Hospital, Sofia, Bulgaria</p>	<p>Ocular changes at Patients with Psoriasis</p>

**Ai Kozaki**

Olympia Eye Hospital, Japan

Subcutaneous Injections of triamcinolone acetonide for upper eyelid retraction and swelling associated with thyroid eye disease

**Sarita Shah**

Tilganga Institute of  
Ophthalmology

Continuous Knowledge Translation in Action: Designing a Programmatic Research Trial for Equitable Eye Health for Rural Nepalese Women

**Arvind Kumar Morya**

All India Institute Of Medical  
Sciences

Effectiveness of using Dexmedetomidine as an adjunct to local anaesthesia in peribulbar block in ocular surgeries

**Richa Gupta**

C L Gupta Eye Institute

Predicting visual outcome after open globe injury using classification and regression tree model: the Moradabad ocular trauma study

**Anoop Balakrishnan Kadan**

ISBAT University, Kampala

Classification of Diabetic Retinopathy Images Using Neural Network Approach

**Subhash Mishra**

Directorate of Health Services

Risk factors associated with cataract surgery :an analytical overview

**Arvind Kumar Morya**

All India Institute Of Medical  
Sciences

Trehalose-a novel disaacharide against dry eye



# Contact Us

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