

National Academy of Medical Sciences
Ministry of Health of Ukraine
Ukrainian Society of Ophthalmologists
Filatov Institute of Eye Diseases and Tissue Therapy
of the National Academy of Medical Sciences

PROGRAMME

of scientific and practical conference
with international participation
2021 FILATOV MEMORIAL LECTURES

20-21 MAY 2021 | ODESA, UKRAINE

THURSDAY, 20 MAY

9:00-09:30

BIG HALL

OPENING CEREMONY

Chairpersons: Pasychnikova N.V., Naumenko V.O.

09.00 **Pasychnikova N.V.**, a corresponding member of the NAMS of Ukraine, Dr. Med. Sc., Professor, President of Ukrainian Society of Ophthalmologists, Director of the Filatov Institute of Eye Diseases and Tissue Therapy
Welcome speech

9:30-10:30

BIG HALL

FILATOVE MEMORIAL LECTURE

FILATOV MEDAL AWARD

Chairpersons: Pasychnikova N.V., Naumenko V.O.

09.30 **Harminder S. Dua**, Nottingham, The UK
The pre-Descemet's layer (Dua's Layer): Relevance to corneal surgery and corneal pathology

10:40-12:10

BIG HALL

CORNEAL PATHOLOGY

MAIN SESSION 1

90 minutes

Moderator: Drozhzhyna G.I.

Chairpersons: Pasychnikova N.V.

- 10.40 **Berthold Seitz**, Homburg/Saar, Germany
Corneal Transplantation – State of the Art 2021
- 11.00 **Drozhzhyna G.I.**, Gaydamaka T.B., Ostashevsky V.L., Ivanovskaya E.V., Kogan B.M., Troichenko L.F., Ivanova O.N., Sereda E.V., Ryazanova L.U., Odesa, Ukraine
Corneal pathology during the COVID-19 pandemic
- 11.15 **Paul Bernhard Henrich**, Lugano, Basel, Switzerland
Protein composition and biomechanical properties of the human Descemet's membrane and lens capsule
- 11.35 **Gaidamaka T.B.**, Drozhzhyna G.I., Ostashevski V.L., Ivanova O.N., Sereda E.V., Veliksar T.A., Souli Abdel Moumen, Odesa, Ukraine
Features of surgical treatment of severe inflammatory diseases of the cornea complicated by secondary glaucoma
- 11.45 **Adriana Stanila**, Sibiu, Romania
Treatment of persistent corneal defect
- 12.00 Discussion

13:30-15:00

BIG HALL

FORLINI TRAUMA SCHOOL

MAIN SESSION 2

90 minutes

Chairpersons: Matteo Forlini

- 13.30 **Susana Teixeira**, *Porto, Portugal*
Trauma Score
- 13.42 **Matteo Forlini**, *Ravenna, Italy*
Traumatic Cataract and Iris Management
- 13.54 **Rodolfo Mastropasqua**, *Chieti, Italy*
Management of Glaucoma in Ocular Trauma
- 14.06 **Zlatko Slezak**, *Varazdin, Croatia*
Surgical Approach to Traumatic Retinal Changes
- 14.18 **Angelina Meireles**, *Porto, Portugal*
Prophylactic Choriotomy in high-risk ocular trauma
- 14.30 **Mohamad Khalife**, *Beirut, Lebanon*
Intraocular foreign body removal techniques: tips and pitfalls
- 14.42 *Discussion*

15:10-15:40

BIG HALL

KEYNOTE LECTURE

30 minutes

- 15.10 **Anat Loewenstein**, *Tel Aviv, Izrael*
Home monitoring in the management of retina disease

17:00-18:30

BIG HALL

REFRACTIVE ERRORS AND BINOCULAR VISION DISORDERS

MAIN SESSION 3

90 minutes

Moderator: Serdiuchenko V.I.

Chairpersons: Bushuyeva N.M.

- 17.00 **Andrzej Grzybowski**, *Olsztyn, Poznan, Poland*
Myopia control in 2021
- 17.20 **Mircea Vasile Filip**, *Bucharest, Romania*
Options in refractive surgery- clinical experience
- 17.40 **Serdiuchenko V.I.**, *Odesa, Ukraine*
Causes, prevention and treatment of secondary (sequential) deviations in antistria-bic interventions

THURSDAY, 20 MAY

- 17.50 **Bushuyeva N.M.**, Seniakina A.S., Slobodianyuk S.B., Dukhayer Shakir, *Odesa, Ukraine*
Pupil reactions in distant and near accommodation
- 18.00 **Averyanova O.S.**, Burdyga E.N., Prokhvachova E.S., Kovalov I.A., *Kyiv, Ukraine*
Modern orthokeratology. Safety ranges
- 18.07 **Kovalov A. I.**, Kovalov A.A., Tseriaba A.V., *Kyiv, Ukraine*
Optimization of contrast sensitivity in laser correction of myopia
- 18.14 **Petrenko T. A.**, *Bakhmut, Ukraine*
New achievements in refractive technologies
- 18.21 **Tsybul'ska T.E.**, Zavgordnia T.S., *Zaporizhzhia, Ukraine*
Ophthalmological portrait of the syndrome of undifferentiated connective tissue dysplasia
Discussion

10:40-12:10

SMALL HALL

INNOVATIONS IN VITREORETINAL SURGERY

MAIN SESSION 4

90 minutes

Moderator: Umanets M.M.

Chairpersons: – Serhiienko A.M.

- 10.40 **Albert J. Augustin**, *Karlsruhe, Germany*
A new surgical technique for complicated macular holes
- 10.55 **Serhiienko A.M.**, Omar Saoud *Vinnitsia, Ukraine*
Suprachoroidal filling: possibilities of a method and indications in pathology of posterior segment of the eye
- 11.05 **Umanets M.M.**, *Odesa, Ukraine*
Electrothermoadhesion - intraoperative retinopexy method
- 11.15 Zadorozhnyy O., **Nazaretyan R.**, Umanets N., Maltsev E., Naumenko V., Pasychnikova N., *Odesa, Ukraine*
Substantiation of safe temperature conditions for vitreoretinal surgery (experimental study)
- 11.25 **Nasinyk I.O.**, *Odesa, Ukraine*
Prospects of using hydrogel in ophthalmic surgery
- 11.35 **Zadorozhnyy O.**, *Odesa, Ukraine*
Target temperature management in vitreoretinal surgery
- 11.45 Discussion

13:30-15:00

SMALL HALL

PAEDIATRIC OPHTHALMOLOGY

MAIN SESSION 5

90 minutes

Moderator: Bobrova N.F.

Chairpersons: Barinov Iu.V.

- 13.30 **Christina Stathopoulos**, *Lausanne, Switzerland*
Imaging in paediatric oncology

- 13.45 **J. Fielding Hejtmancik**, Alan Shields, Nadav Shoshany, Manuel B. Datiles III, *Rockville, the USA*
Genetics and Mechanisms of Inherited Congenital Cataracts
- 14.00 **Bobrova N.F.**, *Odesa, Ukraine*
Features of surgical treatment of children with obscurative persisting pupil membranes (PPM)
- 14.15 **Barinov Iu.V.**, Fedchuk E.A., *Kyiv, Ukraine*
Retinopathy of prematurity. Ukraine vs the Netherlands
- 14.25 Bobrova N.F., **Romanova T.V.**, *Odesa, Ukraine*
Clinical aspects of congenital hereditary isolated cataracts
- 14.31 Bobrova N.F., Sorochinskaia T.A., **Sukhodoieva L.A.**, Romanova T.V., Artemov A.V., *Odesa, Ukraine*
Retinoblastoma relapse after intraarterial chemotherapy
- 14.37 **Tronina S.A.**, Bobrova N.F., *Odesa, Ukraine*
Pediatric iridociliary tumors
- 14.43 Bobrova N.F., **Dembovetskaia A.N.**, Sevtsova D.S., *Odesa, Ukraine*
Corneal penetrating wound in the infant. Behavioral problems
- 14.49 Bobrova N.F., Sorochinskaia T.A., **Bratishko A.Iu.**, *Odesa, Ukraine*
Ablastic of retinoblastoma intravitreal chemotherapy improvement
- 14.55 *Discussion*

15:10-15:40

SMALL HALL

KEYNOTE LECTURE

30 minutes

- 15.10 **Claus Cursiefen**, *Cologne, Germany*
New options to improve outcome in high-risk corneal transplantation?

17:00-18:00

SMALL HALL

UVEITIS IN DIFFERENT AGE GROUPS

MAIN SESSION 6

60 minutes

Moderator: Zborovska O.V.

Chairpersons: Zborovska O.V.

- 17.00 **Oshlianska O.A.**, *Kyiv, Ukraine*
Idiopathic uveitis through the eyes of a pediatric rheumatologist
- 17.20 **Dorokhova O.E.**, *Odesa, Ukraine*
Age-related epidemiology of uveitis
- 17.40 **Zborovska O.V.**, *Odesa, Ukraine*
Features of uveitis in JIA
Discussion

FRIDAY, 21 MAY

8:00-9:00

BIG HALL

FREE PAPERS 1

90 minutes

Moderator: Zadorozhnyy O.S.

Chairpersons: Lutsenko N.S.

- 08.00 **Guzun O.V.**, Korol A.R., *Odesa, Ukraine*
Photobiomodulation and nutrients for patients with age-related macular degeneration during the COVID-19 pandemic
- 08.07 **Lutsenko N.S.**, Rudycheva O.A., Isakova O.A., Kyrylova T.S., *Zaporizhzhya, Ukraine*
Diagnostic criteria for retinal angiomatous proliferation
- 08.14 **Rostel V.V.**, Kustryn T.B., Zadorozhnyy O.S., Nasinnyk I.O., Nevska A.O., Ulianova N.A., Ostroukhov S.V., Sichko A.V., Rylkova K.A., Savelieva L.A., Penishkevich J.I., Parhomenko O.G., Korol A. R., *Odesa, Ukraine*
The efficacy of antiangiogenic therapy for some macular diseases in the framework of COAST.UA (final report)
- 08.21 **Panchenko N.V.**, Gonchar O.M., Prikhodko D.O., Pereyaslova A.S., Sokol A.A., *Kharkiv, Ukraine*
Examination of foveal peripapillary choroid thickness in patients with Fuchs syndrome
- 08.28 Anatychuk L.I., Pasychnikova N.V., Naumenko V.O., **Zadorozhnyy O.S.**, Khramenko N.I., Nazaretian R.E., Myrnenko V.V., Kobylanskyi R.R., Kustryn T.B., Korol A.R., *Odesa, Ukraine*
Influence of the thickness and blood filling of the choroid on the temperature and heat flux of the eye surface in healthy individuals
- 08.35 **Kustryn T.B.**, *Odesa, Ukraine*
Intravitreal aflibercept for patients with choroidal neovascularization due to choroidal rupture after ocular blunt trauma
- 08.42 **Ponomarchuk V.S.**, *Odesa, Ukraine*
The level of VEGF in the vitreous in patients with proliferative diabetic retinopathy depending on dose of the intravitreal injection aflibercept
- 08.49 **Maksymuk O.Iu.**, *Poltava? Ukraine*
Modern diagnosis and some features of treatment of different types of retinal thrombosis

Discussion

9:10-10:40

BIG HALL

CATARACT

MAIN SESSION 7

90 minutes

Moderator: Dmytriiv S.K.

Chairpersons: Wiktor Stopyra

- 09.10 **Bekir Sitki Aslan**, *Ankara, Turkey*
Tips and Tricks of Toric IOL Implantation in Challenging Situations

- 09.28 **Wiktor Stopyra**, *Cracow, Poland*
The accuracy, sensitivity and specificity of intraocular lens power calculation formulas for eyes of axial length smaller than 22 mm
- 09.46 **Miguel A. Teus**, *Madrid Spain*
Cataract surgery today; new needs, new IOL materials, new IOL optic designs
- 10.04 Dmytriiv S.K., **Grytsenko I.A.**, *Odesa, Ukraine*
Advantages and disadvantages of phacoemulsification using femtosecond laser in cataract patients
- 10.22 **Dmytriiv S.K.**, *Odesa, Ukraine*
Features of surgical treatment of patients with glaucoma and cataract
Discussion

10:50-12:20

BIG HALL

GLAUCOMA

MAIN SESSION 8

90 minutes

*Moderator: Veselovska Z.F.**Chairpersons: Kapshuk N.I.*

- 10.50 **Veselovska Z.F.**, *Kyiv, Ukraine*
Important focus of diagnosis, monitoring and treatment of glaucoma: implementation of European Standards in clinical practice
- 11.10 **Ningli Wang**, *Beijing, China*
Normal Tension Glaucoma: What we know and what we don't know
- 11.30 Peretiagin O.A., Dmytriev S. K., Lazar Y., **Tatarina Y.A.**, *Odesa, Ukraine*
Therapeutic tactics for the management of glaucoma patients taking into account the target intraocular pressure
- 11.45 **Paul Bernhard Henrich**, *Lugano, Basel, Switzerland*
The role of Micropulse photocoagulation in the treatment of glaucoma
- 12.00 **Kapshuk N.I.**, Khrystych L.A., *Vinnytsia, Ukraine*
Possibilities of application of miniinvasive surgery of exfoliative glaucoma (trabectomy ab interno) in patients after filtering antiglaucoma operations
- 12.05 **Koshits I.M.**, Svetlova O.V., Guseva M.G., Pankratov R.M., Makarovska O.V., *Saint Petersburg, the Russian Federation*
Effective rapid method of differential diagnosis of age-related ophthalmic hypertension and OAG using ORA or Corvis ST pneumatic analyzers
- 12.15 **Melnyk V.**, Ivaschik O., Kapelka R., *Kyiv, Ukraine*
Evaluation of effectiveness of surgical treatment in patients with open-angle glaucoma associated with PES depending on disease's stage
Discussion

FRIDAY, 21 MAY

12:30-14:00

BIG HALL

INNOVATIONS IN OPHTHALMOLOGY

MAIN SESSION 9

90 minutes

Moderator: Korol A.R.

Chairpersons: Korol A.R.

- 12.30 **Albert J. Augustin**, Karlsruhe, Germany
Combination therapy of macular diseases
- 12.50 **Christina Vidinova**, Sofia, Bulgaria
Complications after anti- VEGF therapy for AMD
- 13.00 **Elena Brazhnikova**, Paris, France
Progress and perspectives in treatment of the patients with vision impairment and rare eye diseases
- 13.15 **Noemi Lois**, Belfast, the UK
Induced pluripotent stem cell technology to identify responsiveness to anti-VEGF therapy in people with diabetic macular edema
- 13.35 **Igor Kozak**, Abu Dhabi, UAE
Short-pulse Subthreshold versus Infrared Micropulse Laser for Diabetic Macular Edema
- 13.50 Discussion

15:20-17:00

BIG HALL

VITREORETINAL SURGERY

MAIN SESSION 10

100 minutes

Moderator: Umanets M.M.

Chairpersons: Novytskyi I.Ia.

- 15.20 **Novytskyi I.Ia.**, Lviv, Ukraine
Efficacy of closed vitrectomy, removal of intranet membrane and gas tamponade in macular hole treatment
- 15.32 **Sergienko A.M.**, Nikolaychuk D.V., Saxonov S.G., Litvinchuk L.M., Vinnytsia, Ukraine
Possibilities of retinal circulation recovery by surgical and laser embolectomy when embolism in central retinal artery and its branches
- 15.44 **Ievtushenko A.**, Kharkiv, Ukraine
Choice of IOL in combined vitreoretinal surgery
- 15.56 **Sergienko V.V.**, Sergienko A.M., Dem'yanchuk M.V. Vinnytsia, Ukraine
Why vitreoretinal surgeons need microperimetry
- 16.08 Mogilevskyy S.Yu., **Panchenko Iu.O.**, Kyiv, Ukraine
Relapses of diabetic maculopathy after surgical treatment and endothelin-1 in patients with type 2 diabetes
- 16.20 Krasnovyd T.A., **Sidak-Petretska O.S.**, Odesa, Ukraine
Features of vitrectomy after diascleral removal of the intraocular foreign body from the posterior

- 16.27 Krasnovyd T.A., **Grubnyk N.P.**, *Odesa, Ukraine*
Surgery for lens ligament disorders
- 16.34 Krasnovyd T.A., Sidak-Petretska O.S., **Bondar N.I.**, *Odesa, Ukraine*
Complication of a metallic intraocular foreign body, that is long-term in the eye
- 16.41 **Levytska G.V.**, *Odesa, Ukraine*
Use of iodine in infusion solution in vitrectomy for endophthalmitis of different genesis
- 16.48 *Discussion*

9:10-10:40

SMALL HALL

VIRUS INFECTIONS OF THE EYE IN PANDEMIC

MAIN SESSION 11

90 minutes

Moderator: Konovalova N.V.**Chairpersons: Федірко П.А.**

- 09.10 **Fedirko P.A.**, *Kyiv, Ukraine*
Eye changes caused by COVID -19: parallels with effects of radiation damage
- 09.25 **Konovalova N.V.**, *Odesa, Ukraine*
Clinical manifestations of HIV during the pandemic
- 09.40 **Khramenko N.I.**, *Odesa, Ukraine*
Features of early electro-physiological diagnosis of CMV infection
- 09.55 **Gurzhyi O.O.**, *Kyiv, Ukraine*
CMV retinitis. Diagnosis, treatment
- 10.10 **Guzun O.V.**, *Odesa, Ukraine*
AMD in the conditions of COVID -19
- 10.20 **Doliasko V.O.**, *Odesa, Ukraine*
The course of AIDS in ocular tuberculosis
- 10.30 **Kovtun. O.V.**, *Odesa, Ukraine*
Features of head MRI in COVID patients
- 11.35 *Discussion*

10:50-12:20

SMALL HALL

OPHTHALMIC ONCOLOGY

MAIN SESSION 12

90 minutes

Moderator: Safronenkova I.A.**Chairpersons: Polyakova S.I.**

- 10.50 **Polyakova S.I.**, *Odesa, Ukraine*
Features of the diagnosis and treatment of orbital tumors
- 10.57 **Polyakova S.I.**, *Odesa, Ukraine*
Diagnosis and treatment of patients with epithelial tumors of the lacrimal gland

FRIDAY, 21 MAY

- 11.04 **Safronenkova I.O.**, *Odesa, Ukraine*
The treatment of malignant epithelial tumor of the skin spreading in the anterior orbital part
- 11.11 **Buiko O.S.**, *Odesa, Ukraine*
Neglected nonmelanoma skin cancer of eyelids in XXI century
- 11.18 **Yelagina V.A.**, Bouiko A.S., Safronenkova I.A., *Odesa, Ukraine*
Multifocal conjunctival melanoma: radiocryosurgery vs classical surgery
- 11.25 Vit V.V., Molchanyuk N.I., Polyakova S.I., **Tsukanova I.V.**, *Odesa, Ukraine*
Features of therapeutic pathomorphosis of T1 choroidal melanomas after trans-pupillary thermotherapy
- 11.32 Bobrova N.F., **Tronina S.A.**, *Odesa, Ukraine*
Giant orbital dermoid causing temporary amaurosis
- 11.39 Bobrova N.F., **Sorochinskaia T.A.**, Vit V.V. *Odesa, Ukraine*
Rapidly progressing atypical orbital neoplasm in a teenager
- 11.46 Naumenko V., Pasyechnikova N., Chebotarov Ye., **Pukhlik E.**, *Odesa, Ukraine*
The experience of the application of the high-frequency electric welding of biological tissues for enucleation of the eyeball due to uveal melanoma
- 11.53 Spizhenko N. Yu., **Chebotareva T.I.**, Dionisieva I.S., Garcusha Yu.N., Tsybrii N.Yu., *Kyiv, Ukraine*
Features of treatment of eye tumors using CyberKnife system
- 12.00 **Petrenko O.**, Chepurnyi Yu., Prusak O., Vodyanik K.V., *Kyiv, Ukraine*
Using Computer-Aided Manufacturing technologies in the treatment of Graves' endocrine orbitopathy
- 12.10 Discussion

12:30-14:00

SMALL HALL

NEURO-OPHTHALMOLOGY. MODERN METHODS OF DIAGNOSIS AND TREATMENT

MAIN SESSION 13

90 minutes

Moderator: Boichuk I.M.

Chairpersons: Skrypnyk R.A.

- 12.30 **Boychuk I.M.**, *Odesa, Ukraine*
Diagnosis of visual analyzer disorders in neuroophthalmological diseases
- 12.50 **Skrypnyk R.L.**, *Kyiv, Ukraine*
Features of early diagnostics of optic nerve diseases
- 13.05 **Bushuieva N.M.**, Khramenko N.I., *Odesa, Ukraine*
Pupulography in the diagnosis of Edie syndrome
- 13.20 Oouini Dhia Eddine, **Bezkorovayna I.M.**, *Poltava, Ukraine*
Clinical-morphological signs of optic nerve damage when pseudoexfoliative syndrome
- 13.30 **Egorova K.S.**, Guk M.O., Zadoyany L.V., *Kyiv, Ukraine*
Chiasmal syndrome in stroke-like course of pituitary adenoma
- 13.40 **Slobodyanyk S.B.**, *Odesa, Ukraine*
Computer perimetry in the diagnosis of visual impairment when glaucoma
- 13.50 **Vasyuta V.A.**, Konah V.M. *Kyiv, Ukraine*
Structural analysis and clinical characteristics of stagnant optic nerve discs in patients with brain neoplasms
Discussion

15:20-17:00

SMALL HALL

FREE PAPERS 2

110 minutes

Moderator: Iakimenko S.A.**Chairpersons: Velichko L.N.**

- 14.10 **Valeriu Cusnir**, Lilia Dumbraveanu, Nicolae Bobescu, *Moldova*
Current concepts regarding etiology and pathogenesis of inflammatory glaucoma
- 14.24 **Panchenko M.V.**, Honchar O.M., Prykhodko D.O., Pereiaslova H.S., Nikolaienko M.M., Litvinova T.G., Sokol O.O., *Kharkiv, Ukraine*
Dynamics of tumor necrosis factor-alpha content in patients with uveitis in systemic diseases
- 14.31 **Fedirko P.A.**, Babenko T.F., Garkava N.A., Dorichevska R.Yu., *Kyiv, Ukraine*
Long-term effectiveness of the combined method of chronic eyelid pathology treatment
- 14.38 **Velychko L.M.**, Ulianov V.O., Makarova M.B., Bogdanova O.V., Skobeieva V.M., Tkachenko V.G., *Odesa, Ukraine*
Plasmon-resonance activated silver nanoparticles effect on expression level of the CD 15 neutrophil activation marker
- 14.45 Barinov Yu.V., **Barinova G.O.**, *Kyiv, Ukraine*
Multifaceted epicanthus surgery in children
- 14.52 **Barinova G.O.**, Averyanova O.V., *Kyiv, Ukraine*
Technical nuances in various methods of surgical correction of upper eyelid ptosis
- 14.59 **Dudka O.**, Dzygar O., Zynych O., Garkusha Iu., Burmakov M., *Kyiv, Ukraine*
Modern possibilities of MRI and MSCT in the diagnosis of malignant tumors of the orbit
- 15.06 Yakymenko S.A., **Kostenko P.O.**, *Odesa, Ukraine*
The modern approach to transconjunctival blepharoplasty of the lower eyelids is the use of high-frequency electric cutting-welding
- 15.13 **Yakymenko S.A.**, Kostenko P.O., *Odesa, Ukraine*
Surgical treatment of recurrent pterygium
- 15.20 Boychuk I.M., **Adakhovska A.O.**, Zaichko K.S., Katsan S.V., *Odesa, Ukraine*
Features of visual functions, refraction and stereo vision in premature infants with and without retinopathy of prematurity
- 15.27 **Kapshuk N.I.**, Khrystych L.A., *Vinnytsya, Ukraine*
Role of minimally invasive glaucoma surgery in the management of pseudoexfoliative glaucoma patients
- 15.34 **Khrystych L.A.**, Dmytriev S.K., *Vinnytsya, Ukraine*
Topographic features of the anterior eye segment in patients with different mechanisms of angle-closure glaucoma
- 15.41 Pasyechnikova N.V., **Fedirko P.A.**, Korol A.R., Babenko T.F., Garkava N.A., *Vinnytsya, Ukraine*
The Chernobyl catastrophe and ophthalmologists of Ukraine: results of 35 years of efforts
Discussion

16:00-16:30

BIG HALL

CLOSING CEREMONY