



**82nd International Scientific
Conference of the
University of Latvia 2024**

**International Scientific
Conference on Medicine**

Ophthalmology

5 April 2024, 14:00-16:00

Room 103, 1st floor

Session moderators: Kristīne Baumane, Gunta Blezūra-Ūdre

14:00 Oral presentations

(each presentation = 7 minutes + 3 minutes for discussion)

Microcirculatory and foveal avascular zone changes in smoking patients

Kudins Kaspars, Baumane Kristīne

Changes in macular and peripapillary microvascular density after gonioscopy-assisted transluminal trabeculotomy and trabeculectomy

Solomaha Viktorija, Blezura- Udre Gunta, Baumane Kristine

Microvascular changes in eye tissues among patients with different stages of cardiovascular risks

Blumberga Laura, Briede Elīza, Baumane Kristīne

Long-term evaluation of postoperative refractive outcomes after IOL implantation. Comparison of the accuracy of five intraocular lens power calculation formulas

Medvedeva Daria, Martinova Viktorija, Koleda Anastasija, Solomatins Igors

Changes in corneal endothelium and anterior chamber angle after cataract surgery in patients with pseudoexfoliation syndrome

Avotiņa Elīza, Baumane Kristīne

Effect of ocular pseudoexfoliative syndrome on target refraction in patients after cataract surgery

Vaģele Anita, Baumane Kristīne

Short-term endothelial cell changes in pseudoexfoliative glaucoma patients after gonioscopy-assisted transluminal trabeculotomy with polypropylene suture

Blezura-Udre Gunta, Petersone Dace, Puce Guna, Baumane Kristine

Visual performance after implantation of two different intraocular lenses for the correction of presbyopia: trifocal and extended field of vision

Koleda Anastasija, Medvedeva Daria, Solomatins Igors

Association of STAT4 gene polymorphisms (rs10181656, rs7574865, rs7601754, rs10168266) with age-related macular degeneration in relation to age

Blekeris Tomas, Gedvilaite Greta, Kaikaryte Kriste, Kriauciuniene Loresa, Zaliuniene Dalia, Liutkeviciene Rasa

Analysis of genotype and phenotype correlation in patient group with Stargardt disease

Neverauskaitė Gabrielė, Traberg Rasa

ZNF676 rs412658 gene polymorphism and leukocyte telomere length correlations with myopia degree

Duseikaite Monika, Vilkeviciute Alvita, Kunceviciene Edita, Gedvilaite Greta, Liutkeviciene Rasa

KDR gene variant association with exudative AMD in males

Vilkevičiūtė Alvita, Čebatorienė Džastina, Kriauciūnienė Loresa, Liutkevičienė Rasa