

# NOK2024 POSTERS FINAL

Stand ID	Presenter	Authors	Title	Organizations	
1	108	Heloterä, Hanna	Heloterä, Hanna (1); Siintamo, Leea (2); Kivinen, Niko (2); Abrahamsson, Nicholas (3); Aaltonen, Vesa (3); Kaarniranta, Kai (1,2,4)	Analysis of prognostic and predictive factors in neovascular age-related macular degeneration Kuopio cohort	1: Department of Ophthalmology, University of Eastern Finland, Kuopio, Finland;2: Department of Ophthalmology, Kuopio University Hospital, Kuopio, Finland;3: Department of Ophthalmology, Turku University Hospital, Turku, Finland; 4: Department of Molecular Genetics, University of Lodz, Lodz, Poland
2	110	Thomsen, Alexander Kai	Thomsen, Alexander Kai (1,2); Fasih-Ahmad, Sohaib (3); Sadda, SriniVas (3,4); Sørensen, Torben Lykke (1,2)	Initial treatment response can predict one-year treatment outcomes in neovascular age-related macular degeneration treated according to the observe-and-plan regimen	1: Department of Ophthalmology, Zealand University Hospital, Roskilde, Denmark;2: Department of Clinical Medicine, University of Copenhagen, Copenhagen, Denmark; 3: Doheny Eye Institute, Los Angeles, California, USA;4: Department of Ophthalmology, David Geffen School of Medicine at UCLA, Los Angeles, California, USA
3	111	Loukovaara, Sirpa	Loukovaara, Sirpa (1,2); Kiehelä, Sonja (1)	Paediatric Optic Pit Associated Macular Detachment and its Treatment Strategy	1: Unit of Vitreoretinal Surgery, Department of Ophthalmology, Helsinki University Hospital, Helsinki, Finland;2: Individualized Drug Therapy Research Program, University of Helsinki, Helsinki, Finland
4	112	Ghouti, Loukman	Ghouti, Loukman (1); Jaffer, Armaan (2); He, Bonnie (3)	Navigating the Medico-Legal Challenges of Ophthalmology: Insights, Impacts, and Recommendations	1: Faculty of Medicine, Dalhousie University, Halifax, Nova Scotia, Canada;2: Faculty of Health Science, Queen's University, Kingston, Ontario, Canada;3: Department of Ophthalmology & Visual Sciences, Dalhousie University, Halifax, Nova Scotia, Canada
5	113	Munawar, Muhammad Zarnab	Munawar, Muhammad Zarnab	Can a Primary Open Angle Glaucoma Diagnosis be used as a risk factor for Alzheimer's Disease?	King's College London
6	114	Berlin, Michael S.	Berlin, Michael S. (1,2); Simon, Brian (1); Shakibkhou, Jonathan (1)	AI-Enhanced Digital Endoscopic and OCT Guidance Systems for TM-Based MIGS	1: Glaucoma Institute of Beverly Hills Research Foundation, United States of America;2: UCLA Stein Eye Institute, United States of America
7	115	Jeppesen, Signe Krejberg	Jeppesen, Signe Krejberg (1,2); Bek, Toke (1,2)	Near-arterial oxygen saturation in retinal neovascularizations secondary to retinal vein occlusion	1: Department of Ophthalmology, Aarhus University Hospital, Denmark;2: Department of Clinical Medicine, Aarhus University, Denmark
8	116	Tan, Ya	Tan, Ya	Inflammatory Regulation in Ischemic Optic Neuropathy: Exploring the Role of Inflammatory Mediators and Neuroprotective Strategies	Yan Shiguang AIER Eye Hospital, China
9	117	Thomsen, Alexander Kai	Thomsen, Alexander Kai (1,2); Gøtttsche, Liselotte Fribo (1); Hinnerskov, Jenni Martinez Villarruel (1,2); Falk, Mads Krüger (1); Sørensen, Torben Lykke (1,2)	Microperimetry and Structural Risk Factors on Optical Coherence Tomography in Intermediate Age-Related Macular Degeneration	1: Department of Ophthalmology, Zealand University Hospital, Roskilde, Denmark, Denmark;2: Department of Clinical Medicine, University of Copenhagen, Copenhagen, Denmark
10	118	Drachmann, Jacob	Drachmann, Jacob; Jeppesen, Signe Krejberg; Petersen, Line; Bek, Toke	Lack of regional differences in hypoxia-induced vasodilation and hyperperfusion in retinal arterioles in vivo	Department of Ophthalmology, Aarhus University Hospital, Denmark
11	119	Sagerfors, Susanna	Sagerfors, Susanna	Baby you can drive my car, or can't you? A description of current and suggested visual field requirements for Group 1 driver's license in Sweden.	Department of Ophthalmology, Faculty of medicine and health, Örebro University, Sweden

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12	120	Söderberg, Per G.	Söderberg, Per G. (1);Tumer, Tolga (1);Kisonaite, Konstancija (1); Holm, Jonatan (1,2);Alm, Albert (1);Nuija, Eva (1);Yu, Zhaohua (1)	Prospective estimation of sensitivities to identify open angle glaucoma in suspect eyes for IOP, visual field, confocal laser tomography, laser polarimetry and OCT	1: Uppsala University, Sweden;2: Gävle Regional Hospital
13	121	Behndig, Anders	Behndig, Anders (1,2);Elving, Sofie (1,2);Beckman-Renman, Jeannette (2,3);Viberg, Andreas (1,2);Fredriksson, Anneli (1,2)	Corneal Biomechanical Properties Measured with Brillouin Scanning	1: Umeå University Hospital, Sweden;2: Umeå University, Sweden;3: Skellefteå lasarett, Sweden
14	123	Uimonen, Laura	Uimonen, Laura (1,2);Falck, Aura (1,2);Hurskainen, Merja (1,2)	Efficacy of Quickert Sutures	1: Oulu University Hospital, Finland;2: University of Oulu, Finland
15	124	Pärssinen, Olavi	Pärssinen, Olavi (1);Setälä, Niko (2);Franssila, Marja-Liisa (3)	Myopia prevention – what is the difference between a statistically and clinically significant benefit of different treatments.	1: Gerontology Research Centre and Faculty of Sport and Health Sciences, University of Jyväskylä, Finland, Finland;2: Department of Ophthalmology, Wellbeing Services County of Central Finland, Jyväskylä, Finland;3: Doctoral program in clinical research, Helsinki University, Finland
16	125	Kaarniranta, Kai	Kaarniranta, Kai (1); Heier, Jeffrey S (2); Steinle, Nathan (3); Boyer, David (4); Abbey, Ashkan (5); Eichenbaum, David (6,7); Li, Chao (8); Yemanyi, Felix (8); Dieckmann, Gabriela (8); Pereira, Daniel (8); Tsuboi, Min (8); Baumas, Caroline R (8); Wykoff (9,10,11)	Long-Term Efficacy and Safety of Pegcetacoplan Over 36 Months: Results From 12 Months of the GALE Open-Label Extension Study	1: University of Eastern Finland and Kuopio University Hospital, Kuopio, Finland;2: Ophthalmic Consultants of Boston, Boston, Massachusetts, USA;3: California Retinal Consultants/Retina Consultants of America, Santa Barbara, California, USA;4: Retina Vitreous Associates Medical Group, Los Angeles, California, USA;5: Texas Retina Associates, Dallas, Texas, USA;6: Retina Vitreous Associates of Florida, St. Petersburg, Florida, USA;7: Morsani College of Medicine at The University of South Florida, Tampa, Florida, USA;8: Apellis Pharmaceuticals, Waltham, Massachusetts, USA;9: Retina Consultants of Texas, Houston, Texas, USA;10: Blanton Eye Institute, Houston, Texas, USA;11: Houston Methodist Hospital, Houston, Texas, USA
17	126	Gavazi, Jona	Gavazi, Jona (1);Dhrami, Elona (2)	Retinal Vascular Adverse Events after Two Injections of Dupilumab for Asthma	1: Department of Biology, Harvard Extension School, Cambridge, MA, United States of America;2: Retina Group, P.C., New York, United States of America
18	127	Gavazi, Jona	Gavazi, Jona (1);Dhrami, Elona (2)	Macular Pucker Repair in a Patient with Incarceration of Central Fovea by Concentric Membranes	1: Department of Biology, Harvard Extension School, Cambridge, MA, United States of America;2: Retina Group, P.C., New York, United States of America
19	128	Yu, Zhaohua	Yu, Zhaohua;Kisonaite, Konstancija;Tumer, Tolga; Alm, Albert;Nuija, Eva;Söderberg, Per	Longitudinal Assessment and Critical Limits Estimation for Glaucoma Suspects: Insights from the Uppsala Glaucoma Detection Study	Uppsala university, Sweden
20	129	Tümer, Tolga	Tümer, Tolga(1);Holm, Jonatan (1,2);Kisonaite, Konstancija (1); Yu, Zhaohua (1);Söderberg, Per G. (1)	Comparison of measurements of the minimal cross-section of the ONH waist of the nerve fiber layer and circumpapillary retinal nerve fiber layer thickness	1: Gullstrand lab, Ophthalmology, Dept. of Surgical Sciences, Uppsala University, Uppsala, Sweden;2: Dept. of Ophthalmology, Gävle County Hospital, Gävle, Sweden

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21	130	Choi, Sangkyung	Choi, Sangkyung (1); Kong, Giyoung (1); Bae, Heewon (2)	White Matter Hyperintensity on Brain Magnetic Resonance Imaging in Pseudoexfoliation Syndrome and Glaucoma	1: Department of Ophthalmology, VHS Medical Center, Seoul, Korea;2: Veterans Medical Research Institute, VHS Medical Center, Seoul, Korea
22	132	Llòria, Xavier	Llòria, Xavier (1); Yu-Wai-Man, Patrick (2,3,4,5,6); Carelli, Valerio (7,8); Pemp, Berthold (9); Cojocar, Marilena (10); Klopstock, Thomas (11,12,13)	Results from Case Record Survey- 2 on Natural History of Leber Hereditary Optic Neuropathy (LHON)	1: Chiesi Farmaceutici S.p.A., 43100 Parma, Italy;2: John van Geest Centre for Brain Repair, University of Cambridge, Cambridge CB2 0PY, UK;3: MRC Mitochondrial Biology Unit, Department of Clinical Neurosciences, University of Cambridge, Cambridge CB2 0XY, UK;4: Cambridge Eye Unit, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge CB2 0QQ, UK; 5: Moorfields Eye Hospital NHS Foundation Trust, London EC1V 2PD, UK;6: Institute of Ophthalmology, University College London, London EC1V 9EL, UK;7: IRCCS Istituto di Scienze Neurologiche di Bologna, Programma di Neurogenetica, 40139 Bologna, Italy;8: Department of Biomedical and Neuromotor Sciences, University of Bologna, 40127 Bologna, Italy;9: Department of Ophthalmology, Medical University of Vienna, 1090 Vienna, Austria;10: Chiesi Pharma AB, 111 22 Stockholm, Sweden; 11: German Center for Neurodegenerative Diseases (DZNE), 81377 Munich, Germany;12: Munich Cluster for Systems Neurology (SyNergy), 81377 Munich, Germany; 13: Friedrich Baur Institute at the Department of Neurology, LMU University Hospital, LMU Munich, 80336 Munich, Germany
23	133	Taipale, Joonas	Taipale, Joonas (1); Purola, Petri (1,2); Väätäinen, Saku (3); Nättinen, Janika (1,4); Koskinen, Seppo (5); Uusitalo, Hannu (1,2,6)	Societal costs of declining visual acuity: Longitudinal results from a Finnish nationwide study with 15 years of registry data follow-up	1: Tampere University, Finland;2: Finnish Register of Visual Impairment, Finnish Federation of the Visually Impaired, Helsinki, Finland;3: ESIOR Oy, Kuopio, Finland;4: Finnish Medicines Agency Fimea, Tampere, Finland;5: Department of Public Health and Welfare, Finnish Institute for Health and Welfare, Helsinki, Finland;6: Tays Eye Center, Tampere University Hospital, Tampere, Finland
24	134	Llòria, Xavier	Llòria, Xavier (1); Yu-Wai-Man, Patrick (2,3,4,5,6); Carelli, Valerio (7,8); Tomasso, Livia (1); Cojocar, Marilena (9); Klopstock, Thomas (10,11,12)	Analysing visual acuity according to causative mutation and disease phase in LEROS study on long-term efficacy of idebenone in patients with Leber hereditary optic neuropathy	1: Chiesi Farmaceutici S.p.A., 43100 Parma, Italy;2: John van Geest Centre for Brain Repair, University of Cambridge, Cambridge CB2 0PY, UK;3: MRC Mitochondrial Biology Unit, Department of Clinical Neurosciences, University of Cambridge, Cambridge CB2 0XY, UK;4: Cambridge Eye Unit, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge CB2 0QQ, UK; 5: Moorfields Eye Hospital NHS Foundation Trust, London EC1V 2PD, UK;6: Institute of Ophthalmology, University College London, London EC1V 9EL, UK;7: IRCCS Istituto di Scienze Neurologiche di Bologna, Programma di Neurogenetica, 40139 Bologna, Italy;8: Department of Biomedical and Neuromotor Sciences, University of Bologna, 40127 Bologna, Italy;9: Chiesi Pharma AB, 111 22 Stockholm, Sweden;10: German Center for Neurodegenerative Diseases (DZNE), 81377 Munich, Germany;11: Munich Cluster for Systems Neurology (SyNergy), 81377 Munich, Germany;12: Friedrich Baur Institute at the Department of Neurology, LMU University Hospital, LMU Munich, 80336 Munich, Germany

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25	135	Immonen, Annamari T.	Immonen, Annamari T. (1,2);Kawan, Sabita (1);Backlund, Michael P. (1);Saaren-Seppälä, Heikki (2);Kivelä, Tero T. (2); Turunen, Joni A. (1,2)	Errors and Delays in Diagnosing Keratitis Fugax Hereditaria	1: Eye Genetics Group, Folkhälsan Research Center, Biomedicum Helsinki, Helsinki, Finland;2: Department of Ophthalmology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland
26	136	Riikonen, Antti Sakari	Riikonen, Antti Sakari (1);Haukka, Jari Kalevi (2);Loukovaara, Sirpa (1)	Systemic Medications Associate with Surgically Treated Cataract Among Adults over 50 Years in Finland	1: Helsinki University Hospital, Department of Ophthalmology;2: University of Helsinki, Department of Public Health
27	137	Harju, Niina	Harju, Niina (1);Mysore, Yashavanthi (1);Loukovaara, Sirpa (2);Kauppinen, Anu (1)	Epithelial-mesenchymal transition (EMT) of ARPE-19 cells reduces inflammatory markers but induces monocyte chemoattractant protein 1 MCP-1 release; Statins show potential in the regulation of EMT	1: School of Pharmacy, Faculty of Health Sciences, University of Eastern Finland, Kuopio, Finland;2: Department of Ophthalmology, Unit of Vitreoretinal surgery, Helsinki University Central Hospital, and Individualized Drug Therapy Research Program, University of Helsinki, Helsinki, Finland
28	139	Liinamaa, Johanna	Norman, Oula (2);Vornanen, Tuuli (3);Franssila, Hanna (3);Liinamaa, Johanna (1);Karvonen, Elina (1); Kotkavaara, Tommi (1);Pohjanen, Vesa-Matti (4);Ylikärppä, Ritva (3); Pihlajaniemi, Taina (2); Hurskainen, Merja (1); Heikkinen, Anne (2)	Expression of Collagen XIII in Tissues of the Thyroid and Orbit With Relevance to Thyroid-Associated Ophthalmopathy	1: Department of Ophthalmology, Oulu University Hospital, and Research Unit of Clinical Medicine, Medical Research Centre, University of Oulu,Finland;2: ECM-Hypoxia Research Unit, Faculty of Biochemistry and Molecular Medicine, University of Oulu, Finland;3: Department of General Surgery, Oulu University Hospital, and Medical Reseach Centre, University of Oulu, Finland;4: Cancer and Translational Medicine Research Unit, Medical Research Centre, University of Oulu and Oulu University Hospital, Finland
29	140	Saarela, Ville	Liinamaa, Johanna (1,2,3);Leiviskä, Ilmari (1,2,3);Saarela, Ville (1,2,3)	Prevalence of residual amblyopia in adulthood and its association on educational outcome and quality of life in the Northern Finland Birth Cohort	1: Department of Ophthalmology, Oulu University Hospital, Finland;2: MRC Oulu;3: Research Unit of Clinical Medicine, University of Oulu, Oulu, Finland
30	141	Ristioja, Salla	Ristioja, Salla (1,2,3);Leiviskä, Ilmari (1,2,3);Saarela, Ville (1,2,3);Liinamaa, Johanna,3 (1,2,3)	Retinal neural tissue and vascular calibres in migraine: the Northern Finland Birth Cohort Eye Study	1: Department of Ophthalmology, Oulu University Hospital, Finland;2: MRC Oulu;3: Research Unit of Clinical Medicine, University of Oulu, Oulu, Finland
31	142	Turunen, Joni	Turunen, Joni (1,2);Repo, Pauliina (1,3);Jakkula, Eveliina (4); Hiltunen, Juho (1);Putkuri, Heidi (1);Staskiewicz-Tuikkanen, Aleksandra (1);Raivio, Virpi (3); Al-Jamal, Rana'a (3);Kivelä, Tero (3)	Genetic predisposition to uveal melanoma in Finland	1: Eye Genetics Group, Folkhälsan Research Center, Biomedicum Helsinki, Helsinki, Finland;2: Ophthalmic Genetics and Rare Eye Diseases Service, Department of Ophthalmology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland;3: Ocular Oncology Service Department of Ophthalmology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland;4: Department of Clinical Genetics, University of Helsinki and Helsinki University Hospital, Helsinki, Finland
32	143	Viskari, Niko Johannes	Viskari, Niko Johannes; Vesaluoma, Minna Helena;Wedenoja, Juho Olavi;Uusitalo, Marita Susanna	What can be learnt about adenoviral conjunctivitis outbreak in Finland	Department of Ophthalmology, Helsinki University Hospital and University of Helsinki, Helsinki, Finland
33	144	Kivelä, Tero	Kivelä, Tero (1);Jouhi, Susanna (2);al Jamal, Rana'a (1);Täll, Martin (1);Eskelin, Sebastian (1);Zemljannikova, Natalja (1)	Presumed incipient choroidal melanomas managed with transpupillary thermotherapy	1: Ocular Oncology, Department of Ophthalmology, Helsinki University Hospital, Finland;2: Vitreoretinal Surgery, Department of Ophthalmology, Helsinki University Hospital, Finland

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34	145	Ala-Fossi, Olli Juhani	Ala-Fossi, Olli Juhani;Kari, Krootila;Tero, Kivelä	Primary keratoplasty indication trends in a major tertiary referral center in Finland: 1995-2015	Helsinki University, Finland
35	146	Franssila, Marja-Liisa	Franssila, Marja-Liisa (1);Baumbach, Peter (2);Schaeffel, Frank (3)	Effects of selective adaptation of retinal ON and OFF channels on visual acuity and contrast sensitivity, and perhaps on myopia development	1: Helsinki University, Finland;2: Aalen University of Applied Sciences Aalen, Germany;3: Section of Neurobiology of the Eye, Ophthalmic Research Institute, University of Tübingen, Germany
36	147	Kivelä, Tero	Kivelä, Tero (1,2);Anna, Korsbäck (3);Peeter, Kuddu (3);Sara, Sanchez-Tabernero (3);Elina, Utti (3);Kari, Krootila (3)	Mesenchymal-epithelial transformation of corneal endothelial cells: Fuchs dystrophy vs. bullous keratopathy	1: Ophthalmic Pathology, Department of Ophthalmology, Helsinki University Hospital, Finland;2: Ophthalmic Pathology, HUSLAB, Helsinki University Hospital, Finland;3: Anterior Segment Surgery, Department of Ophthalmology, Helsinki University Hospital, Finland
37	148	Immonen, Ilkka	Immonen, Ilkka (1);Ollila, Terhi (1);Joshi, Ashwini (2);Kulathinal, Sangita (2)	Longitudinal analysis of anatomical parameters and their fluctuation in a regional real-world cohort of patients with neovascular AMD. Correlation with visual outcome	1: HUS, Department of Ophthalmology Finland;2: University of Helsinki, Dept Mathematics and statistics
38	149	Larsen, Michael	Larsen, Michael (1,2);Amini, Abdullah (1,2)	Clinical investigation of unusual manifestations of central retinal vein congestion	1: Department of Ophthalmology, Rigshospitalet, Copenhagen;2: Faculty of Health and Medical Sciences, University of Copenhagen
39	150	Summanen, Paula Anneli	Summanen, Paula Anneli (1);Jaskari, Joel (2);Sahlsten, Jaakko (2);Saukkoriipi, Mikko (2);Moilanen, Jukka (1);Lehtola, Erika (1);Aho, Marjo (1);Säpyskä, Elina (1);Hietala, Kustaa (3);Kaski, Kimmo (2)	Deep learning method for ETDRS classification of diabetic retinopathy of multi-view fundus images	1: Department of Ophthalmology, University of Helsinki, Helsinki University Hospital, Finland;2: Department of Computer Science, Aalto University School of Science, Espoo, Finland;3: Hospital Nova of Central Finland, Jyväskylä, Finland
40	151	Petteri, Karesvuo	Petteri, Karesvuo (1,7);Idan, Hecht (2,7);Minna, Karesvuo (3,7);Piotr, Kanclerz (4,7);Raimo, Tuuminen (5,7);Sohee, Jeon (6)	Diabetes' and adjunct anti-inflammatory therapy's effect on anatomical and functional outcomes following epiretinal membrane surgery	1: Kuopio University Hospital, Finland;2: Department of Ophthalmology, Shamir Medical Center, Tel Aviv, Israel; 3: Department of Oral and Maxillofacial Diseases, Kuopio University Hospital, Kuopio;4: Hygeia Clinic, Gdańsk, Poland; 5: Department of Ophthalmology, Kymenlaakso Central Hospital, Kotka, Finland;6: Vitreoretinal Service, Keye Eye Center, 326 Teheran-ro, Gangnam-gu, Seoul, South Korea; 7: Helsinki Retina Research Group
45	153	Kemiläinen, Benjam Kyösti Richard	Kemiläinen, Benjam Kyösti (1,2);Kaarniranta, Kai (1,2,3);Leinonen, Ville (1,2)	Ventriculoperitoneal shunt patients and glaucoma: A cohort analysis of the NPH Registry	1: Pohjois-Savon hyvinvointialue, Finland;2: University of Eastern Finland;3: University of Lodz
46	154	Holm, Ditte-Marie Leegaard	Holm, Ditte-Marie Leegaard (1);Nielsen, Birgitte Romme (1,2);Krarup, Therese (1);Alberti, Mark (1);Knudsen, Mark Bech (3);Martinussen, Torben (3);La Cour, Morten (1,2)	Risk of rhegmatogenous retinal detachment in relation to axial length – a Danish registry study from 2000 to 2021	1: Department of Ophthalmology, Rigshospitalet, Glostrup, Denmark;2: Faculty of Health Sciences, University of Copenhagen, Copenhagen, Denmark.;3: Section of Biostatistics, University of Copenhagen