

Wissenschaftliche Tätigkeiten

Klinische Forschung

Augenklinik Universitätsspital Basel & Vista Klinik

Forschungsbereiche:

- Glaukom
- Altersbedingte Makuladegeneration
- OCT & OCT-Angiographie
- Retinale Oximetrie
- Dynamische Retinale Gefässanalyse mit Retinal Vessel Analyzer (RVA)

Preise

- 2018 **EVER Poster Prize and Travel Grant (European Association of Vision and Eye Research, EVER Congress 2018) Nice, France**
 “The influence of cataract light scatters on retinal vessel oxygen saturation“
 Waizel M, **Türksever C**, Todorova MG
- 2017 **EVER Poster Prize (European Association of Vision and Eye Research, EVER Congress 2017) Nice, France**
 “The effect of autoimmune retinopathy on retinal vessel oxygen saturation in patients with and without clinical features of retinitis pigmentosa“
 Waizel M, **Türksever C**, Rickmann A, Todorova
- 2016 **EVER Poster Prize (European Association of Vision and Eye Research, EVER Congress 2016) Nice, France**
 “Normative values of retinal vessel oximetry in healthy children against adults“
 Waizel M, **Türksever C**, Todorova MG
- 2014 **EVER Poster Prize (European Association of Vision and Eye Research, EVER Congress 2014) Nice, France**
 “Reproducibility of retinal oximetry measurements in healthy and diseased retinas „
Türksever C, Orguel S, Todorova MG
- 2013 **EVER Best Poster Prize (European Association of Vision and Eye Research, EVER Congress 2013) Nice, France**
 “Retinal vessel oxygen saturation and its correlation with structural changes in retinitis pigmentosa patients“
Türksever C, Valmaggia C, Orgül S, Schorderet DF, Flammer J, Todorova MG

Wissenschaftliche Publikationen

- 2020 "Influence of cataract light scatters on retinal vessel oxygen saturation"
Della Volpe Waizel M, **Türksever C**, Todorova MG.
Acta Ophthalmologica
- 2020 "Outcome Predictors of SD-OCT-Driven Intravitreal Ranibizumab in Choroidal Neovascularization due to Myopia"
Guichard MM, Peters G, **Tuerksever C**, Prunte C, Hatz K.
Ophthalmologica
- 2018 "Repeated Dexamethasone Intravitreal Implant for the Treatment of Diabetic Macular Oedema Unresponsive to Anti-VEGF Therapy: Outcome and Predictive SD-OCT Features",
Hatz K, Ebnetter A, **Tuerksever C**, Prunte C, Zinkernagel M.
Ophthalmologica
- 2018 "Normative values of retinal vessel oximetry in healthy children against adults",
Waizel M, **Türksever C**, Todorova MG,
Acta Ophthalmologica
- 2018 "The effect of autoimmune retinopathy on retinal vessel oxygen saturation"
Waizel M, **Türksever C**, Todorova MG.
Eye (London)
- 2018 "Spectral-Domain Optical Coherence Tomography-Driven Treat-and-Extend and Pro Re Nata Regimen in Patients with Macular Oedema due to Retinal Vein Occlusion: 24-Month Evaluation and Outcome Predictors"
Guichard MM, Xavier AR, **Türksever C**, Prunte C, Hatz K.
Ophthalmic Research
- 2018 "Higher retinal vessel oxygen saturation: investigating its relationship with macular oedema in retinitis pigmentosa patients"
Bojinova RI, Schorderet DF, Valmaggia C, **Türksever C**, Schoetzau A, Todorova MG.
Eye (London)
- 2018 "Low-Energy Stereotactic Radiotherapy for Treatment of Exudative Age-Related Macular Degeneration in a Treat-and-Extend Regimen"
Hatz K, Zimmermann F, Kardamakis D, Lazaridis E, **Türksever C**, Binder J, Papachristofilou A, Prunte C.
Ophthalmic Surgery Lasers and Imaging Retina
- 2017 "Baseline Optical Coherence Tomography Findings as Outcome Predictors after Switching from Ranibizumab to Aflibercept in Neovascular Age-Related Macular Degeneration following a Treat-and-Extend Regimen"
Türksever C, Prunte C, Hatz K.
Ophthalmologica

- 2017 "Reduced metabolic function and structural alterations in inherited retinal dystrophies: investigating the effect of peripapillary vessel oxygen saturation and vascular diameter on the retinal nerve fibre layer thickness"
Bojinova RI, **Türksever C**, Schötzau A, Valmaggia C, Schorderet DF, Todorova MG.
Acta Ophthalmologica
- 2016 "Metabolic and functional changes in retinitis pigmentosa: comparing retinal vessel oximetry to full-field electroretinography, electrooculogram and multifocal electroretinography"
Todorova MG, **Türksever C**, Schötzau A, Schorderet DF, Valmaggia C.
Acta Ophthalmologica
- 2015 "Comparing Short-Duration Electro-Oculograms with and without Mydriasis in Healthy Subjects"
Türksever C, Orgül S, Todorova MG.
Klinische Monatsblätter für Augenheilkunde
- 2015 "Peripapillary retinal vessel diameter correlates with mfERG alterations in retinitis pigmentosa.
Lopez Torres LT*, **Türksever*** C, Schötzau A, Orgül S, Todorova MG.
Acta Ophthalmologica (*same contribution)
- 2015 "Reproducibility of retinal oximetry measurements in healthy and diseased retinas"
Türksever C, Orgül S, Todorova MG.
Acta Ophthalmologica
- 2014 "Retinal vessel oxygen saturation in patients suffering from inherited diseases of the retina"
Todorova MG, **Türksever C**, Schorderet DF, Valmaggia C.
Klinische Monatsblätter für Augenheilkunde
- 2014 "Retinal vessel oxygen saturation in giant cell arteritis patients without ocular symptoms"
Türksever C, Daikeler T, Konieczka K, Todorova MG.
Klinische Monatsblätter für Augenheilkunde
- 2014 "Analysis of risk factors for long-term glaucomatous damage development"
Gross S, Gugleta K, **Türksever C**, Ledolter A, Kochkorov A, Flammer J, Orgul S.
Klinische Monatsblätter für Augenheilkunde
- 2014 "Retinal vessel oxygen saturation and its correlation with structural changes in retinitis pigmentosa"
Türksever C, Valmaggia C, Orgül S, Schorderet DF, Flammer J, Todorova MG.,
Acta Ophthalmologica
- 2013 "Effect of ageing on the retinal vascular responsiveness to flicker light in glaucoma patients and in ocular hypertension"
Gugleta K, **Türksever C**, Polunina A, Orgül S.
British Journal of Ophthalmology

Teilgenommene Studien und internationale Clinical Trials

-Altersbedingte Makuladegeneration (Vista Klinik)

- OCTA Study
- CEDAR Study
- EXTEND Study
- Talon Study
- Spectri Study
- Asteria Study
- OCT Study
- Minerva Study
- Prometheus Study
- Omaspect Study

-Retinale Venenthrombose (Vista Klinik)

- Raptor Study

-Glaukom (Augenklinik/Universitätsspital Basel)

- Retinal Oximetry Study
- Glaucoma and Neurovascular Coupling Study

-Multiple Sklerosa (Augenklinik/Universitätsspital Basel)

- Benefit 11 Study

-Retinitis Pigmentosa (Augenklinik/Universitätsspital Basel)

- Retinal oximetry Study