

## **Publikationsliste, Priv.-Doz. Dr. Bernhard Steger, FEBO**

Palme C, Romano V, Brunner M, Vinciguerra R, Kaye SB, Steger B\*  
Functional staging of corneal neovascularization using fluorescein and indocyanine green angiography.

Transl Vis Sci Technol. Published as "Original Article" Aug 2018

Romano V\*, Steger B, Kaye SB

Detection and Imaging of Lymphatic and Other Vessels in Corneal Neovascular Complexes. Cornea. Published as "Letter to the Editor" 2018 April

Brunner M\*, Romano V, Steger B, Vinciguerra R, Lawman S, Williams B, Hicks N, Czanner G, Zheng Y, Willoughby CE, Kaye SB

Imaging of Corneal Neovascularization: Optical Coherence Tomography Angiography and Fluorescence Angiography

Invest Ophthalmol Vis Sci. Published as "Original Article" 2018 Mar

Brunner M, Steger B\*, Romano V, Hodson M, Zheng Y, Heimann H, Kaye SB

Identification of Feeder Vessels in Ocular Surface Neoplasia Using Indocyanine Green Angiography.

Curr Eye Res. Published as "Original Article" Feb 2018

Ho VWM\*, Romano V, Steger B, Kaye SB

Can the Descemet - stroma interface play a causative role in Descemet membrane detachment and dehiscence after a penetrating keratoplasty?

J Ophthal Vis Res. Published as "Case Report" Jan 2018

Liu S, Romano V, Steger B, Kaye SB, Hamill KJ, Willoughby CE\*

Gene-based anti-angiogenic applications for corneal neovascularization

Surv Ophthalmol. Published as "Review Article" Nov 2017

Brunner M, Romano V\*, Steger B, Vinciguerra R, Lawman S, Williams B, Hicks N, Czanner G, Zheng Y, Willoughby CE, Kaye SB

Imaging of corneal neovascularization: optical coherence tomography angiography and fluorescence angiography

Invest Ophthalmol Vis Sci. Published as "Original Article" Nov 2017

Romano V, Steger B\*, Brunner M, Kaye A, Zheng Y, Willoughby CE, Kaye SB

Detecting change in conjunctival hyperemia using a pixel densitometry index.

Ocul Immunol Inflamm. Published as "Original Article" Nov 2017

Brunner M\*, Steger B, Romano V, Hodson M, Zheng Y, Heimann H, Kaye SB

Identification of Feeder Vessels in Ocular Surface Neoplasia using Indocyanine Green Angiography - A Preliminary Report.

Exp Eye Res. Published as "Original Article" Nov 2017

Palme C, Steger B\*; Haas G, Teuchner B, Bechrakis NE

Severe reactive ischemic posterior segment inflammation in Acanthamoeba keratitis: Case report of a patient with Sjoegren's syndrome.

Spektr Augenheilkd. Published as "Case report" Mar 2017

Kaye R\*, Steger B, Chen JY, Romano V

A serious adverse surgical event: Management of suspected HSV-1 keratitis in a donor cornea. Spektr Augenheilkd. Published as "Case report" Mar 2017

Parekh M, Ruzza A, Steger B, Willoughby CE, Ferrari S, Ponzin D, Kaye SB, Romano V\*

Avoiding Complications Associated With Preloaded Ultrathin Descemet Stripping Automated Endothelial Keratoplasty.  
Cornea. Published as "Letter to the Editor" Apr 2017

Romano V\*, Steger B, Myneni J, Batterbury M, Willoughby CE, Kaye SB.  
Preparation of ultrathin grafts for Descemet-stripping endothelial keratoplasty with a single microkeratome pass.  
J Cataract Refract Surg. Published as "Original article" Jan 2017

Spiteri N\*, Romano V, Brunner M, Steger B, Kaye SB  
The Management of Corneal Neovascularisation– Update on New Clinical Data and Recommendations of Treatment.  
Eur Ophthalm Rev. Published as "Review article" Dec 2016

Steger B\* and Romano V, Kaye SB  
Angiographic evaluation of inflammation in atopic keratoconjunctivitis.  
Ocul Immunol Inflamm. Published as „Original article“ Nov 2016  
Presented at the annual SICCSO Congress (Societa Italiana Cellule Staminali e Superficie Oculare), Naples, Italy, May 2016  
Presented at the 2016 EuCornea Meeting, Copenhagen, Sept 2016

Steger B, Romano V, Palme C, Kaye SB  
Intraoperative management of macroporations of Descemet's membrane in deep anterior lamellar keratoplasty.  
Spektr Augenheilk. Published as "Original article" Oct 2016

Steger B\*, Madhusudan S, Kaye SB, Stylianides A, Romano V, Maqsood SE, Harper J, Ahmad S  
Combined use of Rituximab and intravenous immunoglobulin for severe autoimmune cicatricial conjunctivitis - an interventional case series.  
Cornea. Published as "Original article" Sept 2016

Gasser T, Romano V, Seifarth C, Kaye SE, Bechrakis NE, Steger B\*  
Morphometric characterisation of pterygium associated with corneal stromal scarring using high resolution anterior segment optical coherence tomography.  
Brit J Ophthal. Published as „Original article“ Aug 2016  
Presented at the 54<sup>th</sup> Ann. Conference of the Austrian Ophth. Society, May 2014  
Presented at the 2016 Annual Meeting of ARVO (Association for research in Vision and Ophthalmology), Seattle, USA

Steger B, Pankhurst L, Cheeseman R, Kaye R, Jones G, Anijeet D, Kaye SB\*  
Sequential bilateral corneal transplantation and graft survival.  
Am J Ophthal. Published as „Original article“ Jul 2016  
Presented at the 2016 EuCornea Meeting, Copenhagen, Sept 2016

Romano V, Hopkinson C, Kaye R, M, Steger B, Jones M, Stewart R, Larkin F, Kaye SB\*  
The influence of donor and recipient gender on corneal graft rejection and survival.  
Am J Transpl. Published as „Original article“ Jul 2016

Romano V\* and Steger B, Brunner M, Ahmad S, Willoughby CW, Kaye SB  
Method for angiographically-guided selective arteriolar fine needle diathermy of corneal neovascularization.  
Cornea. Published as "Original article" May 2016

Romano V\*, Steger B, Brunner M, Kaye SB  
Ultrathin grafts for DSAEK with a single microkeratome pass.

Cornea. Published as "Letter to the Editor" Apr 2016

Steger B\*, Romano V, Kaye SB  
Femtosecond laser assisted lamellar keratectomy for anterior corneal dystrophies.  
Cornea. Published as „Author reply“ Mar 2016

Romano V\*, Steger B, Kovacova A, Kaye SB, Willoughby C  
Further evidence for heredity of pterygium.  
Ophthalm Genet, Published as „Original article“ May 2016

Oliver VF\*, Van Bysterveldt KA, Steger B, Romano V, Markie D, Hewitt AW, Mackey DA,  
Willoughby CE, Sherwin T, Crosier P, McGhee C, Vincent AL  
A COL17A1 Splice-Altering Mutation is Prevalent in Autosomal Dominant Recurrent Corneal  
Erosion Dystrophy.  
Ophthalmology, Published as "Original Article" Apr 2016

Steger B, Romano V\*, Kaye SB  
Corneal indocyanine green angiography to guide medical and surgical management of  
corneal neovascularization.  
Cornea. Published as "Original article" Jan 2016  
Presented at the 2015 Annual Meeting of RCO (Royal College Ophthalmology), Liverpool,  
UK

Steger B\* and Romano V, Wiloughby C, Kaye SB  
Femtosecond laser-assisted lamellar keratectomy for corneal opacities due to anterior  
stromal corneal dystrophies: An interventional case series and review of literature.  
Cornea. Published as „Original article“ Jan 2016  
Presented at the 2015 Annual Meeting of EuCornea, Barcelona, Spain

Romano V\* and Steger B, Zheng Y, Willoughby C, Ahmad S, Kaye SB  
Angiographic and In Vivo Confocal Microscopic Characterization of Human Corneal Blood  
and Presumed Lymphatic Neovascularization: A Pilot Study.  
Cornea. Published as „Original article“ Sep 2015  
Presented for the Mapstone Prize 2014, Liverpool, UK  
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Ophthalmology), Denver, USA

Romano V\*, Steger B, Kaye SB  
Fine needle diathermy guided by angiography.  
Cornea. Published as "Letter to the editor" Jul 2015

Romano V, Steger B\*, Hassaan S, Batterbury M, Willoughby C, Ahmad S, Chen JY, Kaye  
SB  
Effect of anterior chamber pressure and corneal drying on graft corneal thickness for  
Descemet stripping automated endothelial keratoplasty (DSAEK).  
Cornea. Published as "Original Article" Feb 2015  
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and Ophthalmology), Denver, USA

Romano V, Steger B\*, Kaye SB  
Spontaneous Descemet membrane tear after uneventful big bubble deep anterior lamellar  
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Cornea. Published as „Case report“ Feb 2015

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In vivo confocal microscopic characterisation of the cornea in chronic graft-versus-host disease related dry eye disease.

British Journal of Ophthalmology. Published as „Original article“ Aug 2014

Presented at the 54<sup>th</sup> Ann. Conference of the Austrian Ophth. Society, May 2013

Steger B\*, Speicher L, Philipp W, Schmid E, Gasser T, Bechrakis NE

Effectivity of empiric antibiotic treatment regimens in contact lens related keratitis.

Ophthalmologie. Published as „Original article“ Aug 2013

Presented at the 53<sup>rd</sup> Ann. Conference of the Austrian Ophth. Society, May 2012

Ropposch T\* and Steger B, Meco C, Emesz M, Reitsamer H, Rasp G, Moser G.

The effect of steroids in combination with optic nerve decompression surgery in traumatic optic neuropathy.

Laryngoscope. Published as „Original article“ May 2013

Presented at the 51<sup>st</sup> Ann. Conference of the Austrian Ophth. Society, May 2010

Presented by SB at Annual Meeting of AOPT 2010 (Association for Ocular Pharmacology and Therapeutics), Salzburg, Austria

Steger B\*, Speicher L, Schmid E, Philipp W

Reversible presence of corpuscular mature dendritic cells in Thygeson's superficial punctate keratitis.

Spektrum der Augenheilkunde. Published as „Original article“ Feb 2012

Steger B\*, Speicher L, Bechrakis NE, Philipp W

Microbial spectrum and risk factors of severe infectious keratitis.

Spektrum der Augenheilkunde. Published as „Original article“ Feb 2012

Presented at the 52<sup>nd</sup> Ann. Conference of the Austrian Ophth. Society, May 2011

Steger B\*, Speicher L, Philipp W

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Spektrum der Augenheilkunde. Published as „Case report“ Dec 2010