

## Abteilung für Augenheilkunde

### Chefarzt

Prof. Dr. med. Christian Prünke

### Belegarzt

Dr. med. Frank Sachers

#### *Wissenschaftliche Publikationen 2011*

Koehsler M, Walochnik J, Georgopoulos M, Prunte C, Boeckeler W, Auer H, Barisani-Asenbauer T.

Linguatula serrata tongue worm in human eye, Austria.

Emerg Infect Dis. 2011 May;17(5):870-2.

Ritter M, Sacu S, Deák GG, Kircher K, Sayegh RG, Prunte C, Schmidt-Erfurth UM.

In vivo identification of alteration of inner neurosensory layers in branch retinal artery occlusion.

Br J Ophthalmol. Epub 2011 Apr 22.

Schmitz-Valckenberg S, Alten F, Steinberg JS, Jaffe GJ, Fleckenstein M, Mukesh BN, Hohman TC, Holz FG; Geographic Atrophy Progression (GAP) Study Group.

Reticular drusen associated with geographic atrophy in age-related macular degeneration.

Invest Ophthalmol Vis Sci. 2011 Aug 24;52(9):5009-15.

Matt G, Sacu S, Buehl W, Ahlers C, Dunavoelgyi R, Prunte C, Schmidt-Erfurth U.

Comparison of retinal thickness values and segmentation performance of different OCT devices in acute branch retinal vein occlusion.

Eye (Lond). 2011 Apr;25(4):511-8.

Sacu S, Pemp B, Weigert G, Matt G, Garhofer G, Prunte C, Schmetterer L, Schmidt-Erfurth U.

Response of retinal vessels and retrobulbar hemodynamics to intravitreal anti-VEGF treatment in eyes with branch retinal vein occlusion.

Invest Ophthalmol Vis Sci. 2011 May 9;52(6):3046-50.

Dunavoelgyi R, Sacu S, Simader C, Prunte C, Schmidt-Erfurth U.

Changes in macular sensitivity after reduced fluence photodynamic therapy combined with intravitreal triamcinolone.

Acta Ophthalmol. 2011 Mar;89(2):166-71.

Wolf S, Holz FG, Korobelnik JF, Lanzetta P, Mitchell P, Prünke C, Schmidt-Erfurth U, Weichselberger A, Hashad Y.

Outcomes following three-line vision loss during treatment of neovascular age-related macular degeneration: subgroup analyses from MARINA and ANCHOR.

Br J Ophthalmol. 2011 Dec;95(12):1713-8.

Ritter M, Sacu S, Matt G, Dunavoelgyi R, Bühl W, Prünke C, Schmidt-Erfurth U.

Use of systemic steroid after successful macular surgery in eyes with epiretinal membrane: a randomized, controlled clinical study.

Eye (Lond). 2011 Oct;25(10):1284-93. doi: 10.1038/eye.2011.190.

Sayegh RG, Simader C, Scheschy U, Montuoro A, Kiss C, Sacu S, Kreil DP, Prünke C, Schmidt-Erfurth U.

A systematic comparison of spectral-domain optical coherence tomography and fundus autofluorescence in patients with geographic atrophy.

Ophthalmology. 2011 Sep;118(9):1844-51.

Golbaz I, Ahlers C, Stock G, Schütze C, Schriefl S, Schlanitz F, Simader C, Prünke C, Schmidt-Erfurth UM.

Quantification of the therapeutic response of intraretinal, subretinal, and subpigment epithelial compartments in exudative AMD during anti-VEGF therapy.

Invest Ophthalmol Vis Sci. 2011 Mar 1;52(3):1599-605.

Lammer J, Scholda C, Prünke C, Benesch T, Schmidt-Erfurth U, Bolz M.

Retinal thickness and volume measurements in diabetic macular edema: a comparison of four optical coherence tomography systems.

Retina. 2011 Jan;31(1):48-55.

Golbaz I, Ahlers C, Goesseringer N, Stock G, Geitzenauer W, Prünke C, Schmidt-Erfurth UM.

Automatic and manual segmentation of healthy retinas using high-definition optical coherence tomography.

Acta Ophthalmol. 2011 Mar;89(2):185-9.

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*Wissenschaftliche Tätigkeiten und Publikationen der Augenabteilung 2010:*

#### Originalartikel, peer reviewed

Mitchell P, Korobelnik JF, Lanzetta P, Holz FG, Prünke C, Schmidt-Erfurth UM, Tano Y, Wolf S.

Ranibizumab (Lucentis) in neovascular age-related macular degeneration: evidence from clinical trials. *Br J Ophthalmol.* 2010 Jan;94(1):2-13.

Bolz M, Simader C, Ritter M, Ahlers C, Benesch T, Prünke C, Schmidt-Erfurth U. Morphological and functional analysis of the loading regimen with intravitreal ranibizumab in neovascular age-related macular degeneration. *Br J Ophthalmol.* 2010 Feb;94(2):185-9.

Schmidt-Erfurth UM, Stock G, Prünke C, Ahlers C. Three-dimensional angiographic imaging of leakage in branch retinal vein occlusion. *Acta Ophthalmol.* 2010 Mar;88(2):181-7.

Matt G, Sacu S, Stifter E, Prünke C, Schmidt-Erfurth U. Combination of intravitreal rTPA, gas and ranibizumab for extensive subfoveal haemorrhages secondary to neovascular age-related macular degeneration. *Klin Monatsbl Augenheilkd.* 2010 Mar;227(3):221-5.

Bolz M, Kriechbaum K, Simader C, Deak G, Lammer J, Treu C, Scholda C, Prünke C, Schmidt-Erfurth U; Diabetic Retinopathy Research Group Vienna. In vivo retinal morphology after grid laser treatment in diabetic macular edema. *Ophthalmology.* 2010 Mar;117(3):538-44.

Ritter M, Bolz M, Sacu S, Deák GG, Kiss C, Prünke C, Schmidt-Erfurth U. Effect of intravitreal ranibizumab in patients with avascular pigment epithelial detachment: assessment with high definition OCT and microperimetry. *Eye (Lond.)* 2010 Jun;24(6):962-8.

Matt G, Sacu S, Ahlers C, Schütze C, Dunavoelgyi R, Prager F, Prünke C, Schmidt-Erfurth U. Thirty-month follow-up after intravitreal bevacizumab in progressive idiopathic macular telangiectasia type 2. *Eye (Lond.)* 2010 Oct;24(10):1535-41; quiz 1542.

Golbaz I, Ahlers C, Stock G, Schuetze C, Schriebl S, Schlanitz FG, Simader C, Prünke C, Schmidt-Erfurth U. Quantification of the therapeutic response of intraretinal, subretinal and subpigmentepithelial compartments in exudative AMD during anti-VEGF therapy. *Invest Ophthalmol Vis Sci.* 2010 Nov 4. (Epub ahead of print)

Sacu S, Pemp B, Weigert G, Matt G, Garhofer G, Prünke C, Schmetterer L, Schmidt-Erfurth U. Response of retinal vessels and retrobulbar hemodynamics to intravitreal anti VEGF treatment in eyes with branch retinal vein occlusion. *Invest Ophthalmol Vis Sci.* 2010 Nov 4. (Epub ahead of print)

Todorova MG, Bubendorf L, Prünke C, Flammer J, Meyer P. Report on Norrie's cytology. *Acta Ophthalmol.* 2010 Dec 15. doi: 10.1111/j.1755-3768.2010.02056.x. (Epub ahead of print)

Lammer J, Scholda C, Prünke C, Benesch T, Schmidt-Erfurth U, Bolz M. Retinal thickness and volume measurements in diabetic macular edema: A Comparison of Four Optical Coherence Tomography Systems. *Retina.* 2011 Jan;31(1):48-55.

#### Übersichtsarbeiten

Prünke C. Keratoplastik. *Schweizerische Rundschau für Medizin (Praxis)*, im Druck