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# Curriculum Vitae

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| Personal Data |  |  |
| Name | PD Dr. med. Sandrine A. Zweifel | *foto* |
| Private address | Cäcilienstrasse 3, 8032 Zurich |
| Telephone | Mobile: +41 79 753 52 92 |
| E-Mail | sandrine.zweifel@gmail.com |
| Birth Date, Place | 18.03.1977, Basle  |
| Country of Origin | Switzerland |
| Institution | Department of OphthalmologyUniversity Hospital ZurichCH-8091 ZurichFrauenklinikstrasse 24SwitzerlandPhone: +41 255 87 94Fax: +41 255 44 72sandrine.zweifel@usz.ch |  |
| Current occupation | Head of the Medical Retina & Imaging Unit(Leitende Ärztin), Department of Ophthalmology, University Hospital ZurichChair: Prof. Dr. med. Klara Landau |  |

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| **Head of Medical Retina and Imaging Unit** | * University Hospital Zurich; Department of Ophthalmology

Chair: Prof. Dr. Dr. med. Daniel Barthelmes (since 08/2018)Chair: Prof. Dr. med. Klara Landau (until 07/2018)Leitende Ärztin | Since 07/2015 |
| **Staff specialist,** **board approved** | * University Hospital Zurich; Department of Ophthalmology

Chair: Prof. Dr. med. Klara LandauMedical retina specialist | Since 01/2011 |
| **Junior Consultant** | * Triemli Hospital, Zurich; Department of Ophthalmology,

Chair: Prof. Dr. med. Matthias Becker | 02/2010-12/2010 |
| **Medical Retina Fellowship** | * Clinical and Research Fellowship at

Vitreous, Retina & Macula Consultants, LuEsther Retinal Research Center, Manhattan Eye, Ear and Throat Hospital, New York University School of Medicine and Edward S. Harkness Eye Institute, Columbia University under the mentorship of K. Bailey Freund, MD, Richard F. Spaide, MD, Lawrence A. Yannuzzi, MD, Yale Fisher, MD and Stephen Tsang, MD PhDNew York, USA | 07/2008-01/2010 |
| ResidencyOphthalmology | * University Hospital Zurich; Chair: Prof. Dr med. Klara Landau
* Cantonal Hospital Aarau; Chair: Dr. med. Bruno Blumer
 | 01/2007-06/2008 01/2006- 12/2006 |
| Internal Medicine  | * Cantonal Hospital Aarau; Chair: Prof. Dr. med. Dieter Conen
 | 08/2004-12/2005 |
| **Advanced Training** | * Leadership Course, University Hospital Zurich
 | 2016 |
|  | * Course in clinical Ethics, University Hospital Zurich
 | 2016 |
|  | * Health economics Basics, University of Zurich
 | 2016 |
|  | * Echography workshop, University Hospital Zurich,

Prof. Ossoinig, Prof. Hauff  | 2011 |
|  | * Good Clinical Practice, Training Module 1-3, Zurich
 | 2011 |
|  | * Basic Science Course in Ophthalmology, Columbia University, New York, USA
 | 2008 |
|  | * Standardized sonography of the eye, University Hospital, Vienna, Austria, Prof. Ossoinig, Prof. Hauff
 | 2008 |
|  | * Laser techniques in ophthalmology, University of Greifswald, Germany
 | 2007 |
|  | * Advanced optics and refraction course, Maximilian University of Munich, Germany
 | 2006 |

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| **Education** |  |  |
| **Postgraduate Qualifications****Venia legendi/****Privatdozentin** | * Venia legendi in ophthalmology, in particular retinal diseases,

University of Zurich, Switzerland | **Date awarded**2014 |
| **Fellow of the European Board of Ophthalmology** | * Board Examination of Ophthalmosurgery (FMH)
* Board Examination of Swiss College of Ophthalmology (FMH) and Board Examination of European Board of Ophthalmology, EBO, Paris
* Certificate in Basic Science Assessment including optics and refraction, International Council of Ophthalmology (ICO), Switzerland
 |  2016 2010  2007 |
| **Doctor of Medicine** | * Dissertation: Prozessorientierte Qualitätsanalyse einer „low volume“ Herzchirurgieeinheit in der Zentralschweiz mittels statistischer Prozesskontrolle und „Cusum“ Methode, conducted under supervision of Dr. med. G. Schüpfer und

Prof. Dr. med. P. Stulz , University of Basle, Switzerland |  2004 |
| **Medical Degree** | * Federal Swiss Medical Board Examination, University of Basle, Switzerland
 | 12/2003 |
| **School** | * Medical school at University of Basle, Switzerland
 | 1997-2003 |
|  | * Baccalaureate from Alte Kantonsschule Aarau in Greek and Latin
 | 1993-1997 |
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| **Teaching Experience and Appointments** |
| **Appointments** | * Visiting Professor, Université Paris-Est Créteil Val de Marne
 | 2013 |
|  | * Member of European Retina Panel Program, participation at 4 meetings as a group leader
 | Since 2013 |
|  | * Teacher/ Faculty in the European School for advanced ophthalmology (ESASO)
 | Since 2017 |
|  | * DARC (Digital Angiography Reading Center), New York
 | 2008-2010 |
| **Tutorials** | * Clinical ophthalmology tutorials for 4th and 6th year medical students, University of Zurich
 |  2011 - ongoing |
|  | * Weekly fluorescein and imaging conference for 1st-4th year residents, Ophthalmology Department, University Hospital Zurich
 |  2011 - ongoing |
|  | * Supervision and organization of laser therapy for residents at the University Hospital Zurich
 |  2011 - ongoing |
|  | * Clinical ophthalmology tutorials for 1st-3rd year residents, MEETH, New York, USA.
 |  2008 - 2010 |
|  | * Clinical ophthalmology tutorials for medical students, New York University medical school, New York, USA.
 |  2008 - 2009 |
|  | * Clinical ophthalmology tutorial for 3rd year medical students, University of Zurich
 |  2008 |

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| Awards and Grants |
| **Award** | * Awarded the title of “Godmother of the Association DMLA (AMD)” Paris, France
 | 2011 |
| **Protected time** | * Forschungskredit der Universität Zürich 2012 (CHF 98‘189)
 | 2012 |
| **Travel Grant** | * Travel Grant Recipient (USD 1’000), WOC Tokio.

Paper Presentation: Prevalence of subretinal drusenoid deposits in treatment naïve choroidal neovascularization.  | 2014 |
| **Research Grants** | * Research Grant Novartis, OCT Angiography (CHF 140’000)
 | 2017 |
|  | * Iten-Kohaut Foundation (CHF 55’000), support for the project entitled: Acute and subacute chnages in retinal and choroidal blood flow following anti-VEGF injections
 | 2018 |
|  | * Research Grant Bayer/Regeneron (CHF 500’000), support for the project entitled: The prevalence of visual impairment in elderly population in retirement home care and home based care (Spitex) in Switzerland
 | 2018 |
|  | * Research Grant Gemeinnützige Stiftung für medizinische Hilfe (CHF 100’000), support for the project entitled: The prevalence of visual impairment in elderly population in retirement home care and home based care (Spitex) in Switzerland
 | 2018 |
| **RETINAWARD** | * Detection of Retinal Arterial (micro-)Emboli after scheduled Transcatheter Aortic Valve Implantation (using Optical Coherence Tomography Angiography and Fluorescence Angiography) and Comparison with the Incidence of Subclinical Ischemic Brain Lesions in Magnetic Resonance Imaging – a Single Centre Self-controlled Protocol. (CHF 15'000). Project Idea awareded with greatest clinical relevance submitted by Gunzinger J and Zweifel S.
 | 2017 |

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| **Presentations and Invited Lectures** |
| **Invited Lectures** | * ART (Advanced Retina Therapy) Meeting Vienna: How much multimodal imaging do we need?
 | 2018 |
|  | * Retinopsy Meeting Lucerne: Lessons from AMD; Unusual Vision Loss
 | 2018 |
|  | * International Spectralis Symposium Bonn: Multimodal Imaging of Reticular Pseudodrusen
 | 2018 |
|  | * 18th ESASO Retina Academy, Warsaw: Dry AMD from the dietary supplementation to the treatment; OCT-A interpretation and unexplored possibilities.
 | 2018 |
|  | * OCT Kurs für Augenärzte/innen. Roggwil, Schweiz.
 | 2018 |
|  | * DOG, Bonn: Women in modern imaging: Moderne Bildgebung, Blick über die Landesgrenzen
 | 2018 |
|  | * Instructional Course: How to handle cataract surgery in patients with AMD, EURETINA, Wien.
 | 2018 |
|  | * SOG, Freiburg: Is OCT-Angiography ready for its use in private practice?
 |  |
|  | * FABiO Konferenz, München: AMD – Neue Einblicke und Kontroversen
 | 2018 |
|  | * 14. Swiss Retina Update, Zurich. OCT A in patients with Fabry disease.
 | 2018 |
|  | * 8th Winter Meeting of European Society of Retina Specialists, Budapest: Monitoring and predictive imaging markers in neovascular AMD.
 | 2018 |
|  | * ESASO (European School for Advanced Studies) Medical Retina Module. Rome
 | 2018 |
|  | * OCT Workshop Zurich: Ihr Patient - Ihre Diagnose - Ihre Therapie
 | 2018 |
|  | * Jeudi de Jules Gonin, Lausanne: Diabetische Retinopathie – brauchen wir den Laser noch?
 | 2018 |
|  | * Basler Neujahrsfortbildung: Disseminierte Mycobacterium chimaere Infektionen
 | 2018 |
|  | * ESASO (European School for Advanced Studies) forum “CSC Behind the Appearances”: Theories of pathogenesis and correlation with other diseases. FLOREtina, Florence
 | 2017 |
|  | * Basler Fortbildungstage: Optimierung der neovaskulären Therapie im Alltag.
 | 2017 |
|  | * GET-OCT Meeting: Update zu AMD: was sind neue Erkenntnisse im 2017, OCT Meeting, Lucerne
 | 2017 |
|  | * Instructional Course: AMD beyond anti-VEGF therapy, Euretina Barcelona.
 | 2017 |
|  | * 2. OCT A Symposium der Retinologischen Gesellschaft, "OCT A in patients with outer retinal tubulation", München.
 | 2017 |
|  | * Herausforderung Patientenbedürfnisse versus Routine und Zeitmangel. Swiss Society of Ophthalmology Annual Meeting, Davos.
 | 2017 |
|  | * OCT Workshops in Basle and Lucerne
 | 2017 |
|  | * Postgraduate Course, University Hospital Zurich. Postgraduate "OCT auf der Erde und im Weltraum".
 | 2017 |
|  | * Swiss Retina Update: "M. chimaera chorioretinitis".
 | 2017 |
|  | * Effect of Cataract Surgery on DME, FLOREtina, Florence.
 | 2017 |
|  | * Spring Seminar: State of the art der medizinischen Retina-Therapie bei AMD, Zurich.
 | 2017 |
|  | * Deep Dive AMD Fosbury Meeting, Zurich.
 | 2017 |
|  | * GET-OCT Meeting, OCT Meeting, Lucerne.
 | 2016 |
|  | * Postgraduate Course, University Hospital Zurich. Alltägliches und Nichtalltägliches. PAMM (Paracentral Acute Middle Maculopathy)
 | 2016 |
|  | * Retina Suisse. Die altersbedingte Makuladegeneration- Ursachen und Behandlungsoptionen. Zurich.
 | 2016 |
|  | * Instructional Course: AMD beyond anti-VEGF therapy, what is the evidence regarding Cataract surgery in AMD? Euretina Copenhagen.
 | 2016 |
|  | * Evolution-Revolution-Ranibizumab. Swiss Society of Ophthalmology Annual Meeting, Interlaken.
 | 2016 |
|  | * OCT-Workshop, Zurich.
 | 2016 |
|  | * Italian Society of Ophthalmology. Le sorprese della diagnostic e della chirurgia del segmente posteriore. Case presentation.
 | 2016 |
|  | * Update age-related macular degeneration. 6. St. Galler Ophthatag, Ophthalmology Department Cantonal Hospital, St. Gallen.
 | 2016 |
|  | * Symposium New Developments in Retinal Imaging and Gene Therapy: Outer Retinal Tubulation, Radbound University Medical Center Nijmegen, Netherlands.
 | 2016 |
|  | * Anti-VEGF therapy: where did we come from and where are we going to, FLOREtina, Florence.
 | 2016 |
|  | * Symposium: Altersabhängige Makuladegeneration: Hochauflösendes in vivo Imaging und funktionelle Implikationen, DOG Berlin.
 | 2016 |
|  | * Instructional Course: AMD beyond anti-VEGF therapy, Euretina Nice.
 | 2015 |
|  | * Frühjahrsfortbildung am Augenzentrum Würzburg: Neues zur AMD Therapie, Paradigmenwechsel in der IVOM Behandlung, Schweizer Erfahrungen mit Treat and Extend
 | 2015 |
|  | * Members of parliament visiting ophthalmology department, lecture title: new treatment and diagnostic options for macular diseases, University Hospital Zurich
 | 2015 |
|  | * Postgraduate Course, University Hospital Zurich. Macht das OCT die Ophthalmoskopie bald überflüssig?
 | 2015 |
|  | * Swiss Retina Update. Anti-VEGF Therapie: Mein schlechtester Fall, Berne.
 | 2015 |
|  | * Real Life Meeting. Outer retinal tubulation, Berne.
 | 2015 |
|  | * Instruction Course, Medical Retina, Danish Association of Ophthalmologists, University of Copenhagen
 | 2014 |
|  | * Postgraduate Course, University Hospital Zurich. Retina Update. Akutelle Richtlinien der anti-VEGF Therapie.
 | 2014 |
|  | * Club Jules Gonin, Fluorescein Conference, Zurich. “When mystery turns into misery.”
 | 2014 |
|  | * Série de conferences sur la macula médicale, Centre Hospitalier Intercommunal de Créteil, Créteil
 | 2013 and 2014 |
|  | * Vitreoretina up to date, Bari. New treatment approaches.
 | 2013 |
|  | * Slovak Ophthalmology Congress, Zilinia. First experiences with aflibercept therapy.
 | 2013 |
|  | * Conférence d’angiographie, Department ophthalmologique universitaire de Créteil. Nouveautés dans le traitement de la DMLA; VEGF TRAP : premières rencontres.
 | 2013 |
|  | * Postgraduate Course, University Hospital Zurich. Blickdiagnose versus OCT-Diagnostik; clinical cases of retinal diseases
 | 2013 |
|  | * Euretina, Young Retina Symposium, Hamburg. Choroidal thickness: hype or crucial parameter?
 | 2013 |
|  | * Retina in Progress, Milan. Aflibercept: the Swiss Experience.
 | 2012 |
|  | * GET-OCT, OCT Meeting, Lucerne. To inject or not to inject.
 | 2012 |
|  | * RVO-therapy: A new treatment alternative, Zurich. The 12-month data of the GENEVA study.
 | 2012 |
|  | * Postgraduate Course, University Hospital Zurich.

Vom Lid zum Nervus opticus: Eine interaktive Fotogalerie. | 2012 |
|  | * Postgraduate Course, University Hospital Zurich.

Anti-VEGF Therapie: Medizinische und legale Aspekte. | 2012 |
|  | * Heidelberg Spectralis Meeting, Paris. Reticular Pseudodrusen.
 | 2012 |
|  | * VonHoff Fortbildung, Zurich. Nutzen hochauflösender OCT’s für die Diagnostik/Behandlung.
 | 2012 |
|  | * GET-OCT, OCT Meeting, Lucerne. OCT and Macula.
 | 2011 |
|  | * I-OCT Meeting, Bologna. Enhanced-depth-OCT-imaging for assessment of the choroid.
 | 2011 |
|  | * Netzhauterkrankungen: Diagnostik und Behandlung.

Berufliche Weiterbildung Pflegefachleute, Universität Zürich | 2011-ongoing |
|  | * Euretina, Main Session Imaging, London. Enhanced-depth-OCT-imaging for assessment of the choroid.
 | 2010 |
|  | * AMD-Symposium, Triemli Hospital, Zurich. Out of the forest and into the trees
 | 2010 |
| **Oral Paper, Poster and Case Presentations** | * Zweifel S, Baur J, Gunzinger J, Piccirelli M, Straumann D, Pangalu A, Al-Sheikh M, Fasler K, Nietlispach F. Pilot Project for the detection of retinal arterial (micro) emboli after transcatheter aortic valve implantation using OCTA and Fluorescence Angiography. 6th International Congress on OCT Angiography and Andvances in OCT, Rome, Italy.
 | 2018 |
|  | * Zweifel S, Baur J, Al-Sheikh M, Nowak A. Swept source OCT angiography findings in patients with Fabry diseases. 6th International Congress on OCT Angiography and Andvances in OCT, Rome, Italy.
 | 2018 |
|  | * Zweifel S, Baur J, Al-Sheikh M, Nowak A. Swept source OCT angiography findings in patients with Fabry diseases. Club Jules Gonin, Jersey, Channel Islands. G
* A Biechl, S Zweifel, M Al-Sheik, C Böni, R Eberhard, M Stahel, N Winkler, D Barthelmes. 24 Month Outcomes of Ranibizumab Treatment for Diabetic Macular Edema from Clinical Practice. SOG, Freiburg, Switzerland.
* Zweifel S, Al-Sheikh M, Barthelmes D, Boeni C. Multimodal Imaging of Choroidal Lesions in Disseminated Mycobacterium chimaera Infection. Paper Presentation MaculART, Paris and Poster Presentation, ARVO Baltimore.
 | 201820182017 |
|  | * Fasler K, Gunzinger J, Barthelmes D, Malgorzata R, Zweifel S. Effect of Inspra on structural and functional outcome in central serous chorioretinopathy. Association for Research in Vision and Ophthalmology Annual Meeting, Baltimore, USA
 | 2017 |
|  | * Gunzinger J, Fasler K, Maloca P, Hasler P, Boeni C, Barthelmes D, Zweifel S. Reformation of ellipsoid zone in en face OCT imaging in patients with solar maculopathy and laser injuries. Association for Research in Vision and Ophthalmology Annual Meeting, Baltimore, USA
 | 2017 |
|  | * Gunzinger J, Maloca P, Fasler K, Barthelmes D, Boeni C, Hasler P, Zweifel S. En face OCT findings in patients with solar maculopathy and laser injuries. Fourth International Congress on OCT Angiography and Advances in OCT, Rome, Italy.
 | 2016 |
|  | * Zweifel SA, Hasler P, Wild W, Barthelmes D, Meier C, Arnold P, Maloca P. Feasibility, safety and scanning quality of a newly developed sparse OCT retina scanner. Euretina, Copenhagen, Denmark.
 | 2016 |
|  | * Maloca P, Zweifel S, Barthelmes D, Hasler P. Retinal 3D Angio-OCT. Fourth International Congress on OCT Angiography and Advances in OCT, Rome, Italy.
 | 2016 |
|  | * Zweifel SA, Rieder R, Kohler M, Böni C, Barthelmes D, Schütz P. Correlation between type of neovascularization and type of drusen in patients with AMD. Club Jules Gonin Meeting, Bordeaux, France.
 | 2016 |
|  | * Marti M, Walton R, Zweifel SA, Boeni C, Barthelmes D. Unexplained visual loss in association with silicone oil endotamponade in patients with macula-on rhegmatogenous retinal detachments. Association for Research in Vision and Ophthalmology Annual Meeting, Seattle, USA.
 | 2016 |
|  | * Zweifel S, Mihic D, Barthelmes D, Hasse B, Kohler P, Eberhard R, Böni C. Clinical and histopathologic ocular findings in disseminated infection with mycobacterium chimaera. MaculART Meeting, Paris, France.
 | 2015 |
|  | * Gambon R, Kniestedt C, Zweifel SA. En face OCT of subretinal drusenoid deposits (SDD): characterization of SDD using a newly developed imaging software. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, USA.
 | 2014 |
|  | * Zweifel SA, Rieder R, Kohler M. Prevalence of subretinal drusenoid deposits in treatment naïve choroidal neovascularization. WOC, Tokio, Japan. Travel Grant Recipient.
 | 2014 |
|  | * Sikorav A, Semoun O, Zweifel SA, Souied EH. Incidence and quantification of geographic atrophy associated with neovascular age-related macular degeneration at initial presentation. Association for Research in Vision and Ophthalmology Annual Meeting, Orlando, USA.
 | 2014 |
|  | * Zweifel SA, Rieder R, Kohler M. Prevalence of subretinal drusenoid deposits in age-related macular degeneration with newly diagnosed CNV. Euretina, Hamburg, Germany.
 | 2013 |
|  | * Zweifel SA, Amstutz C, Fleischhauer J, Kurz-Levin M, Barthelmes D. Preliminary results of aflibercept in treatment naïve choroidal neovascularization of wet AMD. Swiss Society of Ophthalmology Annual Meeting, Locarno, Switzerland.
 | 2013 |
|  | * Barthelmes D, Amstutz C, Fleischhauer J, Kurz-Levin M, Zweifel S. Short term effects of switching ranibizumab for aflibercept treatment for chronically active choroidal neovascularizations in exudative AMD. Swiss Society of Ophthalmology Annual Meeting, Locarno, Switzerland.
 | 2013 |
|  | * Menghini M, Fleischhauer J, Eberhard R, Zweifel S. Hyaloidotomy for subhyaloidal hemorrhage: OCT findings of two different treatment modalities. Swiss Society of Ophthalmology Annual Meeting, Fribourg, Switzerland.
 | 2012 |
|  | * Böni C, Zweifel S, Amstutz C, Fleischhauer J. Preeclampsia associated hypertensive choroidopathy. Swiss Society of Ophthalmology Annual Meeting, Fribourg, Switzerland.
 | 2012 |
|  | * Zweifel S, Fleischhauer J, Landau K, Grimm C, Amstutz C, Hanson J, Wildberger H. Restoration of retinal architecture and functional recovery of the outer photoreceptor layer in multiple evanescent white dot syndrome (MEWDS). Swiss Society of

 Ophthalmology Annual Meeting, Fribourg, Switzerland. | 2012 |
|  | * Stahel M, Fleischhauer J, Zweifel S. Anti-VEGF in retinal vascular anomalies associated with myelinated retinal nerve fibers- case report. Swiss Society of Ophthalmology Annual Meeting, Fribourg, Switzerland.
 | 2012 |
|  | * Jäger S, Messmer E, Amstutz C, Fleischhauer J, Zweifel S. Wide field fluorescein angiography in Coats disease. Swiss Society of Ophthalmology Annual Meeting, Fribourg, Switzerland.
 | 2012 |
|  | * Zweifel SA, Toenz M, Pfenninger L, Becker MD, Michels S. Intravitreal anti-VEGF Therapy for Retinal Macroaneurysm. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2011 |
|  | * Zweifel SA, Michels S, Magyar I, Berger W, Fleischhauer J, Landau K. Multimodal imaging of drusen in Malattia Leventinese. Swiss Society of Ophthalmology Annual Meeting, Interlaken, Switzerland.
 | 2011 |
|  | * Chen RW, Greenberg JP, Zweifel SA, Yannuzzi LA, Tsang S. Autofluorescence, infrared imaging and spectral domain optical coherence tomography in achromatopsia. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2011 |
|  | * Menghini M, Sutter FK, Kloeckener-Gruissem B, Fleischhauer JC, Kurz MM, Zweifel SA, Michels S, Berger W, Barthelmes D. Influence of a loading phase on long-term visual acuity with respect to genetic and clinical factors in patients with neovascular age-related macular degeneration. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2011 |
|  | * Case presentation. 34th Annual Macula Society Meeting, Boca Raton, USA.
 | 2010 |
|  | * Zweifel SA, Imamura Y, Freund KB, Spaide RF. Multimodal fundus imaging of pseudoxanthoma elasticum. Swiss Society of Ophthalmology Annual Meeting, Montreux, Switzerland.
 | 2010 |
|  | * Zweifel SA, Spaide RF. Prospective Study of Intravitreal Ranibizumab as a Treatment for Decreased Visual Acuity Secondary to Central Retinal Vein Occlusion. World Ophthalmology Congress, Berlin, Germany.
 | 2010 |
|  | * Zweifel SA, Imamura Y, Spaide TC, Fujiwara T, Spaide RF. Prevalence and Significance of Subretinal Drusenoid Deposits (Reticular Pseudodrusen) in Age-Related Macular Degeneration. World Ophthalmology Congress, Berlin, Germany.
 | 2010 |
|  | * Laud K, Zweifel SA, Spaide RF. Multimodal imaging of reticular pseudodrusen and adult vitelliform detachment.

Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA. | 2010 |
|  | * Freund KB, Lima LH, Laud K, Zweifel SA, Spaide RF, Yannuzzi LA. Adult-onset vitelliform detachment: correlation of clinical findings and multiple imaging analyses. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2010 |
|  | * Imamura Y, Iida T, Zweifel SA, Maruko I, Fujiwara T, Spaide RF. Dome-shaped macula: scleral imaging using enhanced depth imaging optical coherence tomography. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2010 |
|  | * Sherman J, Nath S, Madonna R, Zweifel S, Yannuzzi L, Whitney J. Is there a pathognomonic SD OCT sign for achromatopsia? Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2010 |
|  | * Brue C, Imamura Y, Zweifel SA, Spaide RF. Fundus autofluorescence in central serous chorioretinopathy: comparison between SLO and fundus camera system. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2009 |
|  | * Does Fellow-Eye Visual Acuity Affect Visual Outcomes for a Study Eye Receiving Ranibizumab for Age-Related Macular Degeneration? Retina Congress, New York, USA
 | 2009 |
|  | * Optical Coherence Tomography Findings in Reticular Pseudodrusen. German Society of Ophthalmology, Annual Meeting (DOG), Leipzig, Germany.
 | 2009 |
|  | * Reticular Pseudodrusen are Subretinal Drusenoid Deposits. American Academy of Ophthalmology Annual Meeting, San Francisco, USA.
 | 2009 |
|  | * Zweifel SA, Khan S, Engelbert M, Freund KB. Efficacy of topical bromfenac (0.09%) as an adjunctive therapy for patients with neovascular age-related macular degeneration. Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2009 |
|  | * Engelbert M, Zweifel SA, Freund KB . "Treat and extend" dosing of intravitreal antivascular endothelial growth factor (anti-VEGF) agents for retinal angiomatous proliferation (RAP/Type 3 Neovascularization). Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2009 |
|  | * Hirn C, Zweifel SA, Hediger A, Funk J. Efficacy of selective laser trabeculoplasty (SLT) in patients with insufficient control of intraocular pressure (IOP). Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, USA.
 | 2009 |
|  | * Macula Symposium, New York, USA. Case presentation
 | 2009 |
|  | * Macula Symposium, New York, USA. Case presentation
 | 2008 and 2009 |
|  | * Wills Eye Meeting, Philadelphia, USA. Case presentation.
 | 2008 and 2009 |
|  | * Preliminary results of a clinical study on efficacy of selective laser trabeculoplasty (SLT) in patients with insufficient control of intraocular pressure (IOP) under maximum tolerated drug therapy. Kongress der deutschen Ophthalmochirurgen (DOC), Leipzig, Germany.
 | 2008 |
|  | * Geneva Glaucoma Symposium. Interactive case presentation “Ahmed glaucoma valve”, Geneva, Switzerland.
 | 2007 |
|  |
| **Publications** |
|  | * Maloca P, Hasler PW, Barthelmes D, Arnold P, Matthias M, Scholl HPN, Gerding H, Garweg J, Heeren T, Balaskas K, de Carvalho JER, Egan C, Tufail A, Zweifel SA. Safety and Feasibility of a Novel Sparse Optical Coherence Tomography Device for Patient-Delivered Retina Home Monitoring. Transl Vis Sci Technol. 2018 Jul 24;7(4):8.
 | 2018 |
|  | * Maloca PM, Studer HP, Ambrósio R Jr, Goldblum D, Rothenbuehler S, Barthelmes D, Zweifel S, Scholl HPN, Balaskas K, Tufail A, Hasler PW. Interdevice variability of central corneal thickness measurement. PLoS One. 2018 13;13(9).
 | 2018 |
|  | * Rothenbuehler SP, Maloca P, Scholl HPN, Gyger C, Schoetzau A, Kuske L, Mosimann N, Zweifel SA, Barthelmes D, Tufail A, Hasler PW. THREE-DIMENSIONAL ANALYSIS OF SUBMACULAR PERFORATING SCLERAL VESSELS BY ENHANCED DEPTH IMAGING OPTICAL COHERENCE TOMOGRAPHY. Retina 2018
 | 2018 |
|  | * Tamò R, Zweifel SA, Beuschlein F, Nowak A. Fabry disease- the profile of an orphan disease. Ther Umsch. 2018
 | 2018 |
|  | * Mensing B, Nowak A, Zweifel S, Terraciano L, Bernsmeier C, Filipowicz Sinnreich M. Wilson’s disease or hepatolenticular degeneration. Ther Umsch. 2018.
 | 2018 |
|  | * Boeni C, Al-Sheikh M, Hasse B, Eberhard R, Kohler P, Hasler P, Erb S, Hoffmann M, Barthelmes D, Zweifel SA. Multimodal Imaging of Choroidal Lesions in Disseminated Mycobacterium chimaera Infection after Cardiothoracic Surgery. Retina 2017.
 | 2017 |
|  | * Zweifel SA, Mihic-Probst D, Curcio CA, Barthelmes D, Thielken A, Keller PM, Hasse B, Boeni C. Clinical and Histopathologic Ocular Findings in Disseminated Mycobacterium chimaera Infection after Cardiothoracic Surgery. Ophthalmology 2017
 | 2017 |
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| **Reviews/Editorials** | * Zweifel SA, Keller P, Hasse B, Barthelmes D. Böni C. Clinical and Histopathologic Ocular Findings in Patients with Disseminated Mycobacterium chimaera Infection after Cardiothoracic Surgery, Letter to the Editor. Ophthalmology
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|  | * Engelbert M, Zweifel SA, Imamura Y, Fisher YL. Spectral and time domain OCT measure identical retinal thickness if identical boundaries are selected for analysis. Eye 2010;24:193 (letter to the editor).
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| **Non peer-reviewed articles** | * Zweifel SA. Was tun bei einem Riss im retinalen Pigmentepithel. Ophthalmochirurgie.
* Peiretti E, Zweifel SA. Reliable therapeutic modalities to treat age-related macular degeneration. Highlights of Ophthalmology 2013;41;No 6.
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|  | * Zweifel SA, Freund KB. The ASRS X-Files: Unusual Combination of Two Distinct and Likely Unrelated Diagnoses: Macular Telangiectasia Type 2 and Central Serous Chorioretinopathy. Retina Times, Summer 2009 Issue.
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| **Memberships**  |  |  |
|  | * Club Jules Gonin
* The Swiss Ophthalmological Society
* The Swiss Medical Association
* The Swiss Vitreoretinal Group
* Association for Research in Vision and Ophthalmology
* The American Academy of Ophthalmology
* EURETINA
* EVICR.net (European Vision Clinical Research): Age-related macular degeneration expert committee member
* ESASO
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|  |  |  |
| **Reviewer** |  |  |
| **(Peer-review)** | * Ophthalmomogy
* Retina
* Retinal Cases and Brief Reports
* Archives of Ophthalmology/ JAMA Ophthalmology
* Investigative Ophthalmology and Visual Sciences (IOVS)
* Der Ophthalmologe
* Ocular Immunology and Inflammation
* Opthalmologica
* Klin Monbl Augenheilkd
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| **Languages** |  |  |
| **Mother Tongue** | * German
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| **Foreign Languages** | * English (spoken fluently and written)
* French (spoken and written)
* Latin, Greek (written)
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