



Ocular Blood Flow Summit 1st OBF Summit 2019

2nd–5th September 2019

Mount Rigi, Hotel Rigi Kaltbad, Zentrum 4, CH-6356 Rigi Kaltbad, Switzerland

Scientific Programme

Sunday, 01.09.2019 Evening <i>Arrival and Welcome Apéro</i>		
Monday, 02.09.2019		
Time	Speaker	Topic
9:00	Prof. Josef Flammer Dr Katarzyna Konieczka Dr Ellen Heitlinger	<i>Welcome</i>
9:10-13:00	Prof. Peter Meyer University of Basel, Switzerland	<i>Arteriosclerotic Changes in Ocular Circulation</i>
	Prof. Doreen Schmidl Medical University of Vienna, Austria	<i>Autoregulation of Ocular Blood Flow - An Overview</i>
	Dr Martin Hammer Jena University Hospital, Germany	<i>Retinal Vessel Oximetry - Principles, Techniques, and Clinical Application</i>
	Prof. Josef Flammer University of Basel, Switzerland	<i>Oxygen, Friend or Enemy?</i>
	<i>Coffee Break</i>	
	PD Dr Maneli Mozaffarieh Limmat Eye Center Zurich, Switzerland	<i>Oxidative Stress and Glaucoma</i>
	PD Dr Walthard Vilser Ilmenau University of Technology, Germany	<i>Retinal Microcirculation - Basics for Vessel Analysis and Dynamometry</i>
	PD Dr Maneli Mozaffarieh Limmat Eye Center Zurich, Switzerland	<i>Calcium Channel Blockers in Glaucoma</i>
13:00	<i>Lunch and hiking tour + time at own disposal</i>	
17:30-19:45	PD Dr Karl-Georg Schmidt Augenzentrum Höfe, Freienbach, Switzerland	<i>Ocular Blood Flow in Retinitis Pigmentosa</i>
	Prof. Konstantin Gugleta University of Basel, Switzerland	<i>Retinal Vein Pulsations - More Than the Eye Can See</i>
	Prof. Alon Harris Indiana University School of Medicine, Indianapolis, US	<i>Intraocular Pressure, Cerebral Spinal Fluid Pressure, Ocular Blood Flow and Blood Pressure in POAG Patients: A Mathematical Model Approach</i>

Tuesday, 03.09.2019			
Time	Speaker	Topic	
9:00-13:00	PD Dr Walthard Vilser Ilmenau University of Technology, Germany	<i>Dynamic Vessel Analysis - Method and Clinical Potentials (Study Results)</i>	
	Prof. Konstantin Kotliar University of Applied Sciences, Aachen, Germany	<i>Dynamic Retinal Vessel Analysis: How Different Modalities Create the Whole Picture</i>	
	Prof. Theresa Kramer Krieger Eye Institute, Baltimore, US	<i>Pulsatile Ocular Blood Flow: Reflection, Reinvention, and Future Vision</i>	
	Prof. Konstantin Kotliar University of Applied Sciences, Aachen, Germany	<i>Ocular Rigidity: Myths and Reality</i>	
	<i>Coffee Break</i>		
	Prof. Leopold Schmetterer Singapore Eye Research Institute, Singapore	<i>OCT-A: Possibilities and Limitations</i>	
	Prof. Gábor Holló Semmelweis University, Budapest, Hungary	<i>Factors Affecting Variability in Long-Term Glaucoma Progression Analysis with OCT-A</i>	
	Dr Katarzyna Konieczka University of Basel, Switzerland	<i>Effect of Glaucoma Drugs on Corneal Temperature</i>	
	PD Dr Margarita Todorova Cantonal Hospital St. Gallen, Switzerland	<i>Perioperative Loss of Vision Due to Non-Ocular and Ocular Surgeries</i>	
13:00	<i>Lunch and hiking tour + time at own disposal</i>		
17:30-19:45	Prof. Hans Bebie University of Bern, Switzerland	<i>Retinal Vein Pulsations: Driving Forces</i>	
	Gabriele Fuhrmann, MD Jena, Germany	<i>Measurement of Retinal Venous Pressure</i>	
	Prof. Josef Flammer University of Basel, Switzerland	<i>Retinal Venous Pressure: The Role of Endothelin</i>	
	Dr Judit Somlai Budapest, Hungary	<i>Papilla Edema – IHH & Intracerebral Venous Disorders</i>	
	Prof. Tatiana Kiseleva Moscow Helmholtz Institute of Eye Diseases, Moscow, Russia	<i>The Role of Color Doppler Imaging in the Assessment of Eye and Orbital Diseases</i>	

Wednesday, 04.09.2019			
Time	Speaker	Topic	
9:00-13:00	Prof. Christian Prünke University of Basel, Switzerland	<i>Ocular Blood Flow in Central Serous Chorioretinopathy</i>	
	Dr Teruyo Kida Osaka Medical College, Japan	<i>Pathophysiology of Retinal Vein Occlusion: From the Basic to Clinic</i>	
	Martin Ulmann Schaffhausen, Switzerland	<i>Impact of Small Molecules on Ocular Blood Flow</i>	
	Prof. Stephan Krähenbühl University of Basel, Switzerland	<i>Calcium Channel Blockers (exact title open)</i>	
	<i>Coffee Break</i>		
	Prof. Dong Myung Kim Seoul National University Hospital, South Korea	<i>Optic Disc Hemorrhage and Central Retinal Venous Pressure</i>	
	Dr Michael Baertschi Eyeness AG, Bern, Switzerland	<i>Retinal Venous Pressure and High Altitude</i>	
	Issa Fetian, MD University of Basel, Switzerland	<i>Influence of Body Position on Retinal Venous Pressure</i>	
	Prof. Richard Stodtmeister University Hospital Carl Gustav Carus, Dresden, Germany	<i>Sildenafil, Tadalafil, Riociguat as Possible Agents to Reduce the Retinal Venous Pressure</i>	
13:00	<i>Lunch and hiking tour + time at own disposal</i>		
17:30-19:45	Prof. Sanjay Asrani Duke University, Durham, US	<i>Clinical Management of Flammer Syndrome; Experience of over 1000 Patients</i>	
	Prof. Ines Lanzl (to be confirmed) Eye Day Clinic, Chiemsee, Germany	<i>Valsalva Manoeuvres Increase IOP: Effect of Playing Wind Instruments</i>	
	Prof. Richard Stodtmeister University Hospital Carl Gustav Carus, Dresden, Germany	<i>The Effect of Valsalva Manoeuvre on the Pressure in the Central Vein of the Retina</i>	
	Prof. Sven Haller Affidea CDRC Carouge, Geneva, Switzerland	<i>CT and MRI Assessment of Brain Perfusion and Vascular Reserve Imaging: What Could a Neuroradiologist Potentially Add to the Assessment of Ocular Vasculature?</i>	

Thursday, 05.09.2019			
Time	Speaker	Topic	
9:00-13:00	Dr Katarzyna Konieczka University of Basel, Switzerland	<i>Flammer Syndrome and Glaucoma</i>	
	Prof. Josef Flammer University of Basel, Switzerland	<i>The Role of Blood Flow in the Pathogenesis of Glaucoma</i>	
	Dr Katarzyna Konieczka University of Basel, Switzerland	<i>Ocular and Systemic Diseases Related to Flammer Syndrome</i>	
	Prof. Richard Stodtmeister University Hospital Carl Gustav Carus, Dresden, Germany	<i>Clinical Studies on Retinal Venous Pressure in Glaucoma Research</i>	
	<i>Coffee Break</i>		
	Prof. Natalia Kurysheva Federal Medical and Biological Agency of the Russian Federation, Moscow, Russia	<i>Retinal Microcirculation Predicts Progression of Glaucomatous Damage</i>	
	Dr Katarzyna Konieczka University of Basel, Switzerland	<i>The Effect of Cold on Visual Fields of Glaucoma Patients</i>	
	Prof. Marcus Blum Helios Clinic Erfurt, Germany	<i>Retinal Vessel Analysis in Diabetic Retinopathy</i>	
	Dr Matthias Nägele Cantonal Hospital Baden, Switzerland	<i>Retinal Vessel Analysis in Heart Failure and Its Different Subtypes</i>	
13:00	<i>Lunch and hiking tour + time at own disposal</i>		
17:30-19:45	Prof. Henner Hanssen University of Basel, Switzerland	<i>Retinal Vessel Analysis in Cardiovascular Prevention</i>	
	Dr Matthias Nägele Cantonal Hospital Baden, Switzerland	<i>Retinal Vessel Analysis in Cardiovascular Diseases</i>	
	Prof. Henner Hanssen University of Basel, Switzerland	<i>Exercise and Retinal Microvascular Health</i>	
	Prof. Josef Flammer University of Basel, Switzerland	<i>How to Treat Patients with Flammer Syndrome: Questions and Answers</i>	
Friday, 06.09.2019 Morning <i>Activities at own disposal and departure</i>			