



Swiss Eye Research Meeting 2020

23 & 24 Jan 2020

Centre St François, Delémont
Program



Thursday: January 23, 2020

Time	Team / Affiliation	Speakers / Presentations	Moderator
10:00-10:45	WELCOME COFFEE		
10:45-11:00	Welcome talk by Corinne Kostic <i>Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne</i>		
11:00-11:30	Team Escher <i>Dpt of Ophthalmology, Inselspital, University of Bern</i>	1 Beatrice Lisa Steiner: "Molecular Mechanisms of NR2E3-linked Hereditary Retinal Degenerations" 2 Emanuele Bulla: "Functional analysis of photoreceptor-specific deletion of NCoR1 in the mouse retina."	Wolfgang Berger
11:30-12:00	Team Grimm <i>Dpt of Ophthalmology, University of Zürich</i>	1 Lynn Ebner: "Transcriptomic analysis of the mouse retina after acute and chronic hypoxia" 2 Eva Kiessling: "Characterization of a novel mouse model designed to study the ocular phenotype of patients suffering from cblC deficiency"	
12:00-12:30	Team Zinkernagel <i>Dpt of Ophthalmology, Inselspital, University of Bern</i>	1 Ioanna Tsioti: "Systemic lipopolysaccharide exposure triggers Tlr4-dependent inflammatory responses in the retina in mice in vivo" 2 Despina Kokona: "Involvement of Innate Immunity in the Course of Choroidal Neovascularization in Mice"	Pascal Escher
12:30-14:00	LUNCH <i>et</i> LUNCH <i>et</i> LUNCH <i>et</i> LUNCH <i>et</i> LUNCH <i>et</i> LUNCH		
14:00-14:15	Team Neutzner <i>Ocular Pharmacology & Physiology, Dpt of Biomedicine, University Hospital Basel</i>	Bart van den Dorpel: "Developing an advanced cell culture model to study the role of the meninges during glaucoma pathophysiology"	Yvan Arsenijevic
14:15-14:45	Team Berger <i>Institute of Medical Molecular Genetics, University of Zürich</i>	1 Patricia Haug: "Whole exome sequencing (WES) reveals genetic heterogeneity of anterior segment anomalies" 2 Elena Lang: "Childhood glaucoma in a Swiss cohort: CYP1B1 and FOXC1 are the major player"	
14:45-15:00	Team Enzman <i>Dpt of Ophthalmology, Inselspital, University of Bern</i>	Ana Maria Quintela Pousa: "Antagonistic effects of TGF β isoforms on tissue repair in zebrafish and mouse"	Stephan Neuhaus
15:00-15:15	Team Kleinlogel <i>Institute of Physiology, University of Bern</i>	Jakub Kralik: "Opto-mGluR6 optogenetic toolbox: Functional comparison of ON-bipolar cell targeted gene therapy in murine blind retinas using multi-electrode arrays"	
15:15-16:00	COFFEE BREAK <i>et</i> COFFEE BREAK <i>et</i> COFFEE BREAK <i>et</i> COFFEE BREAK		
SPECIAL TALK 16:00-17:00	Jean-Michel Rozet <i>Laboratory genetics in ophthalmology (LGO), Institute of genetic diseases, Imagine, Paris, France</i> "Leber congenital amaurosis: from genes to therapies"		Corinne Kostic
17:00-17:15	Team Ebnetter <i>Dpt of Ophthalmology, Inselspital, University of Bern</i>	Siqing Yu : "Neuroprotection with rasagiline in patients with macula-off retinal detachment: A randomized controlled pilot study"	Mathias Seeliger
17:15-17:30	Team Abegg <i>Dpt of Ophthalmology, Inselspital, University of Bern</i>	Dominik Brügger : "Dependence of Human Contrast Sensitivity on the Phase of Intrinsic Cortical Oscillations"	
19:00	APÉRO <i>et</i> DINNER <i>et</i> APÉRO <i>et</i> DINNER <i>et</i> APÉRO <i>et</i> DINNER		

Friday: January 24, 2020

Time	Team / Affiliation	Speakers / Presentations	Moderator
9:00-9:30	Team Arsenijevic Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne	1 Ning Chang: "Towards the gene therapy for FAM161A associated retinitis pigmentosa in a mouse model"	Christian Grimm
		2 Adeline Berger: "Bmi1 loss delays retinal degeneration by decreasing H3K27me3 accumulation, cGMP level and cell stress response"	
9:30-9:45	Team Rivolta Institute of Molecular and Clinical Ophthalmology Basel (IOB), University of Basel	Virginie Peter: "The Liberfarb syndrome, a multisystem disorder affecting eye, ear, bone, and brain development, is caused by a founder pathogenic variant in the PISD gene"	
9:45-10:00	Team Langmann Experimental Immunology of the Eye, Department of Ophthalmology, University of Cologne	Amir Saeed: "Aryl hydrocarbon receptor ligands for the modulation of retinal microglia homeostasis"	
10:00-10:45	COFFEE BREAK ☞ COFFEE BREAK ☞ COFFEE BREAK ☞ COFFEE BREAK		
10:45-11:00	Team Kostic Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne	Noémie Kircher: "Progressive changes in the Pupillary Light Response with age in a mouse model of ciliopathy"	Sonia Kleinlogel
11:00-11:30	Team Seeliger Institute for Ophthalmic Research, Eberhard Karls University	1 Regine Mühlfriedel: "Therapeutic strategies for slowing and prevention of vision loss in retinitis pigmentosa due to the imbalance of cellular protein logistics"	
		2 Vithiyanjali Sothilingam: "A murine model of C203R blue cone monochromacy"	
SPECIAL TALK 11:30-12:30	Koji Nishiguchi Department of Advanced Ophthalmic Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan "The new frontier of gene therapy research"	Carlo Rivolta	
12:30-14:15	LUNCH ☞ LUNCH ☞ LUNCH ☞ LUNCH ☞ LUNCH ☞ LUNCH		
14:15-14:30	Team Bachmann-Gagescu Institute for Medical Genetics, Institute of Molecular Life Sciences, University of Zürich	Markus Masek: "Investigating the role of the Bardet-Biedl protein Bbs1 in zebrafish retina using -omics approaches"	Volker Enzmann
14:30-14:45	Team Neuhauss Institute of Molecular Life Sciences, University of Zürich	Matthias Gesemann: "Evolution of visual and olfactory guanylyl cyclases: Enzymes heading towards specialization?"	
15:15-15:30	AWARDS FOR BEST PRESENTATIONS: RETINA SUISSE		
15:30	E N D		

**MANY THANKS TO THE SPONSORS OF THE SWISS EYE RESEARCH
MEETING...**

