

Swiss Eye Research Meeting 2024

18 & 19 Jan 2024

Centre Loewenberg, Morat
Program



Thursday: January 18, 2024

Time	Team / Affiliation	Speakers / Presentations	Moderator
10:00-10:45	WELCOME COFFEE		
10:45-11:00	Welcome talk by Corinne Kostic Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne		
11:00-12:00	Team Rivolta	Ana Iglesias : “Biallelic mutations in COQ8B (ADCK4) lead to non-syndromic retinitis pigmentosa in multiple families”	Pascal Escher
		Ji Hoon Han : “Loss of function variants in UBAP1L are linked to a distinct form of recessive retinal degeneration”	
		Elifnaz Celik : “Mutations in SAMD7 cause autosomal recessive macular dystrophy”	
12:00-12:20	Team Ansar	Helen Frederiksen : “Exome sequencing of consanguineous Pakistani and Iranian families identifies novel candidate genes for inherited retinal disorders”	
12:20-14:00	LUNCH ☞ LUNCH ☞ LUNCH ☞ LUNCH ☞ LUNCH ☞ LUNCH		
14:00-14:20	Team Scholl	Lucas Janeschitz-Kriegl : “Worldwide multicenter study (EyeConic) to identify patients eligible for cone-based optogenetics therapy”	
14:20-15:00	Team Becirovic	Valentin Weber : “A new molecular diagnostic approach for inherited retinal dystrophies using CRISPR/Cas-based transcriptional activation”	Wolfgang Berger
		David Mittas : “Evaluation of a mRNA trans-splicing dual AAV vector strategy to treat Usher syndrome 1B”	
15:00-15:40	Team György	Simon Hostettler : “Prime editing for Usher Syndrome Type 2A”	Yvan Arsenijevic
		Bence György : “Adenine-base editing corrects the most common ABCA4 mutation causing Stargardt disease”	
15:40-16:20	COFFEE BREAK ☞ COFFEE BREAK ☞ COFFEE BREAK ☞ COFFEE BREAK		
SPECIAL TALK 16:20-17:20	Francesco Testa Eye Clinic, Multidisciplinary Department of Medical, Surgical and Dental Sciences, University of Campania Luigi Vanvitelli, Naples, Italy “RPE65-associated IRDs: from diagnosis to gene therapy”		Carlo Rivolta
17:20-17:40	Team Seeliger	Alexander Günter : “The Mongolian gerbil as a model to study cone system physiology”	Ruxandra Bachmann-Gagescu
17:40-18:00	Team Neuhauss	Jingjing Zang : “Recoverin in Visual Transduction and Beyond: New Insights in Cone Vision”	
18:00-18:20	Team Escher	Marta Fernandez Freire : “Characterization of a new mouse model of enhanced S-cone sensitivity syndrome (ESCS)”	
19:30	APÉRO ☞ APÉRO ☞ APÉRO ☞ APÉRO ☞ APÉRO ☞ APÉRO		
20:00	DINNER ☞ DINNER ☞ DINNER ☞ DINNER ☞ DINNER		

Friday: January 19, 2024

Time	Team / Affiliation	Speakers / Presentations	Moderator
8:40-9:20	Team Guichard& Hamel	Olivier Mercey : “ <i>Glutamylation imbalance leads to photoreceptor cell degeneration</i> ”	Adeline Berger
09:00-9:20	Team W Berger	Kevin Maggi : “ <i>Exploring the function of Norrin in human neuroretinal development by making use of retinal organoids</i> ”	
9:20-10:00	Team Grimm	Larissa Govers : “ <i>The Role of The Tricarboxylic Acid Cycle in Photoreceptor Survival</i> ”	Denise Zysset-Burri
		Luca Merolla : “ <i>EGR1 activation defines the early response of photoreceptors to retinal degeneration</i> ”	
10:00-10:40	COFFEE BREAK <i>er</i> COFFEE BREAK <i>er</i> COFFEE BREAK <i>er</i> COFFEE BREAK		
SPECIAL TALK 10:40-11:40	Patricia Boya <i>Department of Medicine, University of Fribourg, Switzerland</i>	“Autophagy in the retina: more than taking out the trash”	Raphaël Roduit
11:40-12:00	Team Roduit	Raphaël Roduit : “ <i>Hypoglycemia induces in vivo autophagy in mouse retinal ganglion cells</i> ”	Volker Enzmann
12:00-12:40	Team Langmann	Anna Gröger : “ <i>The role of leukotrienes as potential therapeutic targets for microglia reactivity</i> ”	
		Justus Dick : “ <i>Retinal microglia and their immunotoxic effects in AAV-based gene therapy</i> ”	
12:40-14:00	LUNCH <i>er</i> LUNCH <i>er</i> LUNCH <i>er</i> LUNCH <i>er</i> LUNCH <i>er</i> LUNCH		
14:00-14:20	Team Stein	Federica Maria Conedera : “ <i>Targeting the T-cell response as a novel therapeutic strategy for retinal degeneration.</i> ”	Muhammad Ansar
14:20-15:00	Team Zysset-Burri	Nina Eldridge : “ <i>The influence of demographics on the ocular surface microbiome</i> ”	
		Livia Spörri : “ <i>Insights into the Ocular Surface Microbiome of Glaucoma Patients</i> ”	
15:00-15:20	Team Zandi	Yuebing Li : “ <i>Rho-kinase involvement in an ARPE-19-induced mouse PVR model</i> ”	Christian Grimm
15:20-15:40	Team Mure	Yixin Tong : “ <i>Deciphering the non-circadian effects of light on sleep.</i> ”	
15:40-16:00	AWARDS FOR BEST PRESENTATIONS: RETINA SUISSE		
16:00	E N D		

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

