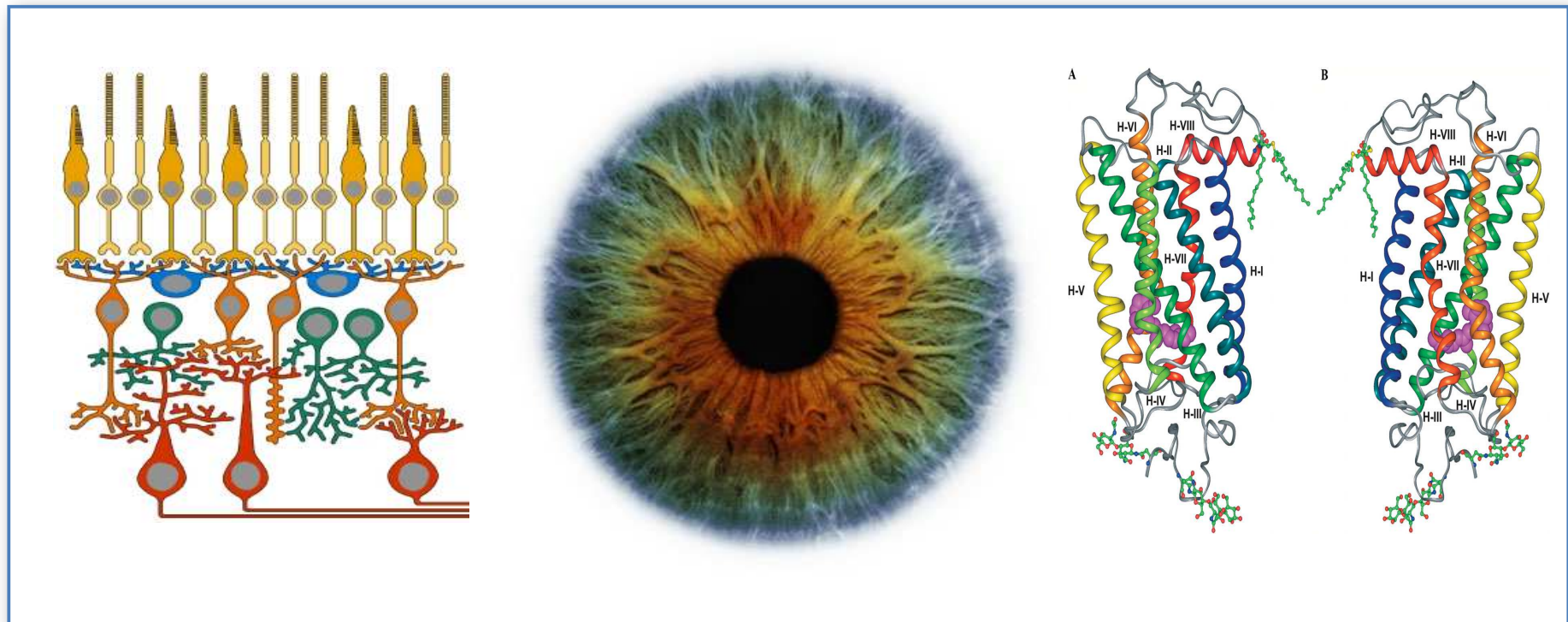


SWISS EYE RESEARCH MEETING 2017 (SERM2017)

Venue: Hotel Beaulac, Neuchâtel

Date: Jan 26 – Jan 27, 2017



Thursday; January 26, 2017

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
10:00 – 10:45	WELCOME COFFEE			
10:45 – 11:00	Welcome	Corinne Kostic	Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne	
11:00 – 11:15	Team Arsenijevic	1 Martial Mbefo	Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne	Albert Neutzner
11:15 – 11:45	Team Neuhauss	1 Irene Ojeda Naharros 2 Stephanie Niklaus	Institute of Molecular Life Sciences, University of Zürich	
11:45 – 12:15	Team Berger	1 Samuel Koller 2 Andrina Stäubli	Institute of Medical Molecular Genetics, University of Zürich	Raphaël Roduit
12:30 – 14:00	LUNCH * LUNCH * LUNCH * LUNCH * LUNCH * LUNCH			
14:00 – 14:30	Team Behar-Cohen	1 Céline Borrás 2 Lilly Khamsy	Dpt Ophthalmology, Jules Gonin Eye Hospital, Univ of Lausanne / INSERM, Paris	Stephan Neuhauss
14:30 – 15:00	Team Rivolta	1 Mathieu Quinodoz 2 Konstantinos Nikopoulos	Dpt of Computational Biology, University of Lausanne	Wolfgang Berger
15:00 – 15:30	Team Munier	1 Veronika Vaclavik 2 Hoai Viet Tran	Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne	
15:30 – 16:15	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK			
SPECIAL TALK 16:15 – 17:15	JOHN FLANNERY: Developing an optogenetic gene therapy for blind patients		Dpt of Molecular and Cell Biology and the Helen Wills Neuroscience Institute, University of California, Berkeley, California, USA	Corinne Kostic
17:15 – 17:45	Team Seeliger	1 Vithiyajali Sothilingam 2 Regine Mühlfriedel	Institute for Ophthalmic Research, University of Tübingen	Yvan Arsenijevic
17:45 – 18:00	Team Kleinlogel	1 Elmar Hulliger	Institute of Physiology, University of Bern	
19:30	APÉRO * APÉRO * APÉRO * APÉRO * APÉRO * APÉRO			
20:00	DINNER * DINNER * DINNER * DINNER * DINNER * DINNER			

Friday; January 27, 2017

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
08:45 – 9:15	Team Zinkernagel	1 Joël Jovanovic 2 Despina Kokona	Dpt of Ophthalmology, Inselspital, University of Bern	Pascal Escher
09:15 – 9:45	Team Grimm	1 Maya Barben 2 Marijana Samardzija	Lab for Retinal Cell Biology, Dpt of Ophthalmology, University of Zürich	
9:45 – 10:30	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK			
10:30- 10:45	Individual speaker	Peter Heiduschka	Universitätsaugenklinik Münster	Matthias Seeliger
10:45 – 11:15	Individual speaker	Petr Soukup Esther Melo	<i>F. Hoffmann-La Roche, LTD, Basel</i>	
11:15 – 11:30	Team Enzmann	1 Carolyn Trepp	Dpt of Ophthalmology, Inselspital, University of Bern	
SPECIAL TALK 11:30 – 12:30	RONALD ROEPMAN: <i>Photoreceptor sensory cilium dysfunction in hereditary blindness: from bench to bedside.</i>		Molecular Biology of Ciliopathies study group, Dpt of Human Genetics, Radboud University medical center, Nijmegen, Netherland	Carlo Rivolta
12:30 – 14:00	LUNCH * LUNCH * LUNCH * LUNCH * LUNCH * LUNCH			
14:00 – 14:15	Team Neutzner	1 Cavit Agca	Ocular Pharmacology & Physiology, Dpt of Biomedicine, University Hospital Basel	Christian Grimm
14:15 – 14:45	Team Langmann	1 Khalid Rashid 2 Anne Wolf	Experimental Immunology of the Eye, Dpt of Ophthalmology, University of Cologne	
14:45 – 15:00	Team Thumann	1 Martina Krepp	Dpt of Clinical Neuroscience, Division ophthalmology, University of Geneva	
15:15 – 15:30	AWARDS FOR BEST PRESENTATIONS: RETINA SUISSE			
15.30	FAREWELL COFFEE * FAREWELL COFFEE * FAREWELL COFFEE * FAREWELL COFFEE * FAREWELL COFFEE			

Presentations of the teams:

SPECIAL TALKS

JOHN FLANNERY

DEVELOPING AN OPTOGENETIC GENE THERAPY FOR BLIND PATIENTS

Dpt of Molecular and Cell Biology and the Helen Wills Neuroscience Institute, University of California, Berkeley, California, USA

RONALD ROEPMAN

PHOTORECEPTOR SENSORY CILIUM DYSFUNCTION IN HEREDITARY BLINDNESS: FROM BENCH TO BEDSIDE.

Molecular Biology of Ciliopathies study group, Dpt of Human Genetics, Radboud University medical center, Nijmegen, Netherland

Team ARSENIJEVIC (Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne):

SPEAKERS:

- **Martial Mbefo** Epigenetic Modifications Associated with Photoreceptor Cell Death in Retinopathies

Team BEHAR-COHEN (Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne, INSERM, Paris):

SPEAKERS:

- **Céline Borrás** Differential effects of complement factor H domains on retinal inflammation, oxidative stress and angiogenesis: Therapeutic implication
- **Lilly Khamsy** The role of insulin in diabetic retinal homeostasis

Team BERGER (Institute of Medical Molecular Genetics, University of Zürich):

SPEAKERS:

- **Samuel Koller** The basic role of ATOH7 in familial exudative vitreoretinopathy (FEVR)
- **Andrina Stäubli** Structure Function Relation of Creatine Transporter 2 (CRT2) and Implications on Cataract

Team ENZMANN (Dpt of Ophthalmology, Inselspital, University of Bern):

SPEAKERS:

- Carolyn Trepp Effect of the serine protease HtrA1 overexpression on RPE phagocytosis in an in vitro disease model

Team GRIMM (Lab for Retinal Cell Biology, Dpt of Ophthalmology, University of Zürich):

SPEAKERS:

- Maya Barben The hypoxic response in cones: consequences for vision and a potential therapeutic target
- Marijana Samardzija Digoxin-induced photoreceptor toxicity in the mouse retina

Team KLEINLOGEL (Institute of Physiology, University of Bern):

SPEAKERS:

- Elmar Hulliger Present molecular limitations of ON-bipolar cell targeted gene therapy

Team LANGMANN (Experimental Immunology of the Eye, Department of Ophthalmology, University of Cologne):

SPEAKERS:

- Khalid Rashid Microglia-specific expression of Translocator Protein (18kDa) (TSPO)
- Anne Wolf Targeting the translocator protein (18kDa) (TSPO) prevents microglia/macrophage reactivity in a murine model of AMD-like retinal degeneration

Team MUNIER (Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne):

SPEAKERS:

- Hoai Viet Tran Genetics of cone and cone-rod dystrophies in Western Switzerland using molecular inversion probes
- Veronika Vaclavik TTLL5 gene responsible of a new syndrome : cone dystrophy with reduced male fertility

Team ZINKERNAGEL (Dpt of Ophthalmology, Inselspital, University of Bern):

SPEAKERS:

- **Joël Jovanovic** Microglia depletion in retina by specific CSF-1R inhibition in mice
- **Despina Kokona** Activation of retinal microglia after systemic administration of LPS in mice

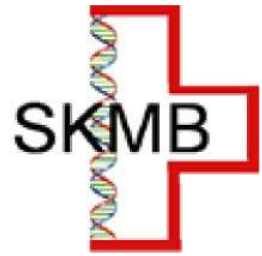
INDIVIDUAL Speakers:

Peter Heiduschka *Options to treat choroidal neovascularisation in the animals laser model*
Universitätsaugenklinik Münster

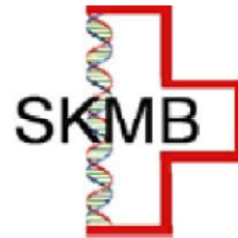
Esther Melo *HtrA1 mediated intracellular effects on tubulin using a polarized RPE disease model*
F. Hoffmann-La Roche, LTD

Petr Soukup *In vivo cSLO-OCT imaging of retinal pigment epithelium toxicity in rat longitudinal ocular toxicity study*
F. Hoffmann-La Roche, LTD

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



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...AND TO THE SPONSORS OF THE SWISS EYE WEEK

