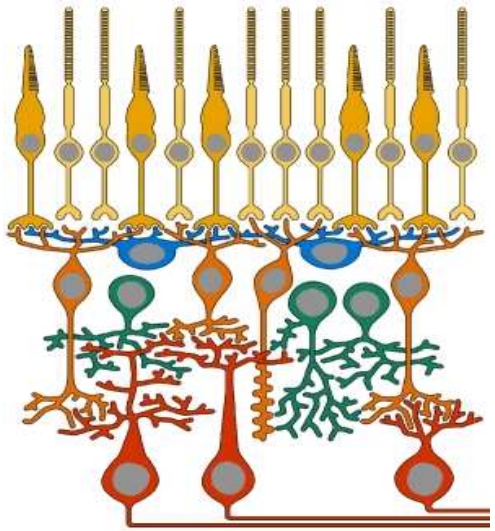
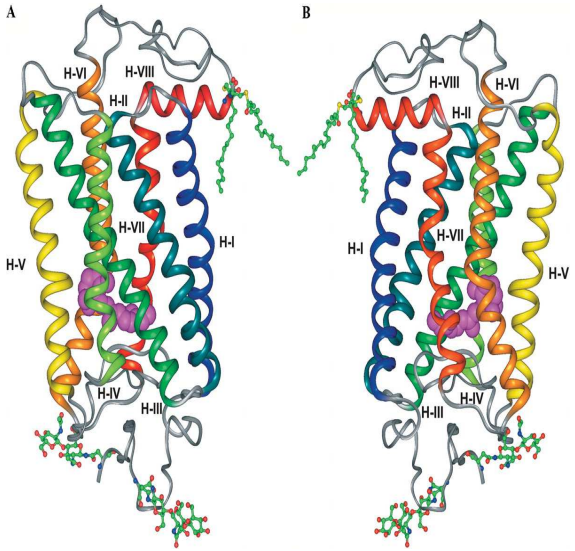
SWISS EYE RESEARCH MEETING 2015 (SERM2015)

Venue: Hotel Beaulac, Neuchâtel
Date: Jan 22 – Jan 23, 2015





Thursday; January 22, 2015

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
10.00 – 10.45	**WELCOME COFFEE**			
10.45 – 11.00	***Welcome***	**Corinne Kostic**	Dept Ophth., Univ Lausanne	
11.00 – 12.00	***Team Schorderet***	**1 Daniel Schorderet** **2 Pascal Escher** **3 Giulia Venturini** **4 Raphaël Roduit**	Institut de Recherche en Ophtalmologie (IRO), Sion	***Carlo Rivolta***
12.00 – 12.30	***Team Arsenijevic***	**1 Martial Mbefo** **2 Sarah Decembrini**	UGTSCB, Dept Ophth., Univ Lausanne	***Wolfang Berger***
12.30 – 14.15	**LUNCH ❋ LUNCH ❋ LUNCH ❋ LUNCH ❋ LUNCH ❋ LUNCH**			
14.15 – 15.15	***Team Rivolta***	**1 Nicola Bedoni** **2 Pietro Farinelli** **3 Rocìo Sànchez-Alcudia** **4 Beryl Royer-Bertrand**	Department of Medical Genetics, University of Lausanne	***Daniel Schorderet***
15.15 – 15.30	***Team Seeliger***	**1 Suzanne Beck** **2 VithiyanjaliSothilingam**	Institute Ophthalmic Research, Univ. of Tübingen, GER	***Albert Neutzner***
15.30 – 16.15	**COFFEE BREAK ❋ COFFEE BREAK ❋ COFFEE BREAK ❋ COFFEE BREAK ❋ COFFEE BREAK**			
SPECIAL TALK **16.15 – 17.15**	***ANNEKE DEN HOLLANDER:*** ***Age-related macular degeneration and central serous retinopathy: A shared disease etiology?"***		***Department of Ophthalmology, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands***	***Christian Grimm***
17.15 – 17.30	***Team Neutzner***	**1 Corina Kohler**	Department of Biomedicine, University Hospital Basel	***Suzanne Beck***
17.30 – 17.50	*Microglia as therapy target in retinal degeneration*	**Thomas Langman**	Department of Ophthalmology, University of Cologne, GE	
19.30	**APÉRO ❋ APÉRO ❋ APÉRO ❋ APÉRO ❋ APÉRO ❋ APÉRO**			
20.00	**DINNER ❋ DINNER ❋ DINNER ❋ DINNER ❋ DINNER ❋ DINNER**			

Friday; January 23, 2015

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
09.15 – 10.00	***Team Grimm***	**1 Katrin Klee** **2 Brigitt Kast** **3 Maya Barben**	Lab for Retinal Cell Biology; Dept. Ophthalmol, Univ. of Zürich	***Volker Enzmann***
10.00 – 10.45	**COFFEE BREAK ❋ COFFEE BREAK ❋ COFFEE BREAK ❋ COFFEE BREAK ❋ COFFEE BREAK**			
10.45 – 11.15	***Team Enzman/Zinkernagel***	**1 Miriam Reisenhofer** **2 Chantal Dysli**	Department of Ophthalmology, University Hospital Bern	***Yvan Arsenijevic***
11.15 – 11.45	***Team Neuhauss***	**1 Jingjing Zang** **2 Irene Ojedan Naharros**	Institute of Molecular Life Sciences, Univ Zurich	
SPECIAL TALK **11.45 – 12.45**	***FRANÇOIS PAQUET-DURAND:*** ***Mechanisms of cell death and their temporal characteristics in hereditary photoreceptor degeneration***		***Division of Experimental Ophthalmology, University of Tuebingen, Centre for Ophthalmology, Institute for Ophthalmic Research, Tuebingen, Germany***	***Corinne Kostic***
12.45 – 14.30	**LUNCH ❋ LUNCH ❋ LUNCH ❋ LUNCH ❋ LUNCH ❋ LUNCH**			
14.30 – 15.30	***Team Berger***	**1 Samuel Koller** **2 Britta Seebauer** **3 Sabrina Steiner** **4 Amit Tiwari**	Institute of Medical Molecular Genetics, University of Zürich	***Stephan Neuhauss***
15.45 – 16.00	**AWARDS FOR BEST PRESENTATIONS: RETINA SUISSE**			
16.00	**FAREWELL COFFEE ❋ FAREWELL COFFEE ❋ FAREWELL COFFEE ❋ FAREWELL COFFEE ❋ FAREWELL COFFEE**			

Presentations

SPECIAL TALKS

ANNEKE DEN HOLLANDER — AGE-RELATED MACULAR DEGENERATION AND CENTRAL SEROUS RETINOPATHY: A SHARED DISEASE ETIOLOGY?
Department of Ophthalmology, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands.

FRANÇOIS PAQUET-DURAND — MECHANISMS OF CELL DEATH AND THEIR TEMPORAL CHARACTERISTICS IN HEREDITARY PHOTORECEPTOR DEGENERATION
Division of Experimental Ophthalmology, University of Tuebingen, Centre for Ophthalmology, Institute for Ophthalmic Research, Tuebingen, Germany.

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

SPEAKERS:

- **Martial Mbefo** — Epigenetic modifications during retinal degeneration
- **Sarah Decembrini** — Characterization of a cone-specific mouse transgenic line and subsequent cone transplantation in a mouse model of cone-rod dystrophy

---

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

SPEAKERS:

- **Samuel Koller** — Update on basic helix-loop-helix domain of ATOH7
- **Britta Seebauer** — Serum response factor (SRF) and its possible role in exudative vitreoretinopathy (EVR)
- **Sabrina Steiner** — Comparative studies on the two isoforms of the monocarboxylate transporter MCT12
- **Amit Tiwari** — Genetic screening for disease-associated mutations in human retinal diseases using whole exome sequencing (WES)

Team ENZMANN & ZINKERNAGEL (Exp. Ophthalmology, Dept of Ophthalmology, Inselspital, University of Bern):

SPEAKERS:

- **Miriam Reisenhofer** Electrophysiological properties of Müller cells in MNU-induced retinal degeneration
- **Chantal Dysli** Retinal Fluorescence Lifetime in Mouse Model of Pharmacological Retinal Degeneration

---

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

SPEAKERS:

- **Katrin Klee** Characterization of mice with Socs3 deletion in rod photoreceptors or in Müller cells
- **Brigitt Kast** Rod-derived HIF2A might be involved in mediating protection against light-induced retinal damage after hypoxic preconditioning
- **Maya Barben** The effects of chronic hypoxia on cone pathophysiology

---

Team NEUTZNER (Ocular Pharmacology & Physiology, Department of Biomedicine, University Hospital Basel):

SPEAKERS:

- **Corina Kohler** Transducible Artificial Transcription Factors for Ocular Application.

Team NEUHAUSS (Institute of Molecular Life Sciences, University of Zürich):

SPEAKERS:

- **Jingjing Zang** Circadian Regulation of the Visual Transduction Cascade
- **Irene Ojedan Naharros** The role of the ciliopathy gene CCD2DA in ciliary trafficking

---

Team RIVOLTA (Department of Medical Genetics, University of Lausanne):

SPEAKERS:

- **Nicola Bedoni** Novel variants in the polyglutamylase TTLL5 underlie autosomal recessive cone dystrophy and incompletely penetrant male infertility
- **Pietro Farinelli** FAM161A is member of the Golgi/centrosome network
- **Rocìo Sànchez-Alcudia** Contribution of mutation load to the intrafamilial genetic heterogeneity in a large cohort of Spanish retinal dystrophies families
- **Beryl Royer-Bertrand** In silico prediction of dominant features for retinal degeneration disease genes

---

Team SCHORDERET (Institut de Recherche en Ophtalmologie (IRO), Sion):

SPEAKERS:

- **Daniel Schorderet** HMX1 is also implicated in cranio-facial development
- **Pascal Escher** A molecular mechanism for atypical mild Goldmann-Favre syndrom
- **Giulia Venturini** Mutations in NR2E3 impair cofactor-binding
- **Raphaël Roduit** Genetic suppression of ERK2 in RPE cells leads to strong retinal degeneration

---

Team SEELIGER (Division Ocular Neurodegen., Centre for Ophthalmol., Inst Ophthalmic Res., Univ. of Tübingen):

SPEAKERS:

- **VithiyanjaliSothilingam** HCN1: A keyplayer to counteract rod saturation.
- **Suzanne Beck** The MRTF-SRF transcription module and cytoskeletal dynamics are essential for retinal angiogenesis.

INDIVIDUAL Speakers:

THOMAS LANGMANN *Microglia as therapy target in retinal degeneration*
Experimental Immunology of the Eye, Department of Ophthalmology, University of Cologne, GE

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

…AND TO THE SPONSORS OF THE SWISS EYE WEEK