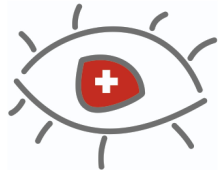


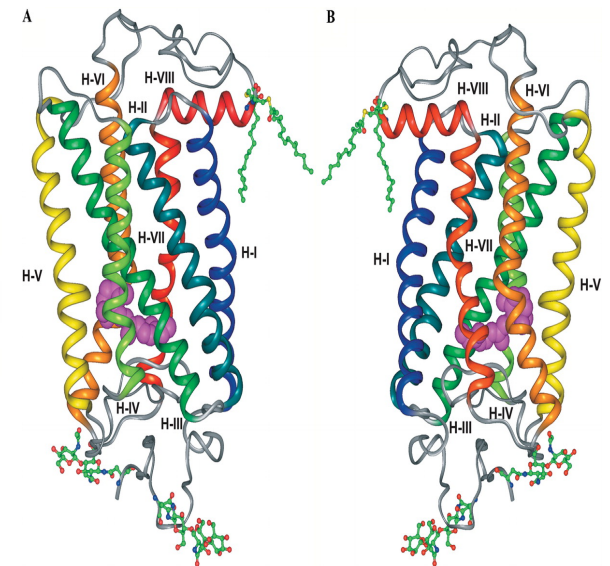
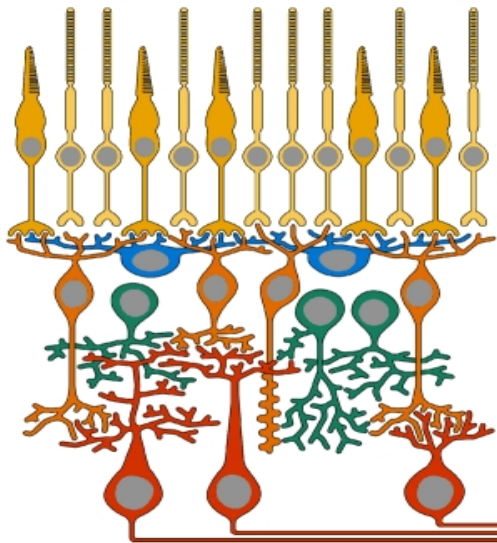
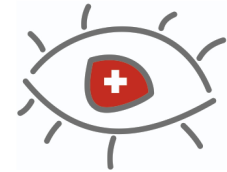
SWISS EYE RESEARCH MEETING 2012 (SERM2012)

Swiss Eye Research Meeting
SERM 2012, Biel



Venue: Hotel Elite, Biel
Date: Jan 26 – Jan 27, 2012

Swiss Eye Research Meeting
SERM 2012, Biel



Thursday; January 26, 2012

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
10.00 – 10.30	WELCOME COFFEE			
10.30 – 10.45	Welcome	Christian Grimm	Lab for Retinal Cell Biology Dept Ophthalmol, Univ. Zurich	
10.45 – 11.30	Team Enzmann	Jasmin Balmer Isai Mathivanan Stéphanie Lecaudé	Department of Ophthalmology, University of Bern	Wolfgang Berger
11.30 – 11.45	<i>Differential Modulation of Retinal Degeneration by Ccl2 and Cx3cr1 Chemokine Signaling</i>	Ulrich Luhmann	UCL Inst. of Ophthalmology, Department of Genetics London, UK	
11.45 – 12.30	Team Rivolta	Giulia Venturini Silvio A. Di Gioia Hanna Koskiniemi	Dept. of Medical Genetics, University of Lausanne	Ute Wolf- Schnurrbusch
12.30 – 14.00	LUNCH * LUNCH * LUNCH * LUNCH * LUNCH * LUNCH			
14.00 – 14.45	Team Arsenijevic	Sarah Decembrini Corinne Kostic Karine Schouwey	Unit of Gene Therapy and Stem Cell Biology, Jules-Gonin Eye Hospital, Lausanne	Volker Enzmann
14.45 – 15.15	Team Matter	Tania Rodrigues Laurent Brodier	Department of Biochemistry, Sciences II, Univ. of Geneva	Yvan Arsenijevic
15.15 – 15.45	Team Wolf-Schnurrbusch	Ute Wolf-Schnurrbusch Hannan Abdillahi	Department of Ophthalmology, University of Bern	
15.45 – 16.30	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK			
SPECIAL TALK 16.30 – 17.15	OLAF STRAUSS: <i>The retinal pigment epithelium: part of the blood/retina barrier and interaction partner of the photoreceptors</i>		<i>Exp. Ophthalmology University of Regensburg Germany</i>	Christian Grimm
17.15 – 18.00	Team Schorderet	Fabienne Marcelli Linda Wicht Lionel Page	IRO Sion	Mathias Seeliger
19.30	APÉRO * APÉRO * APÉRO * APÉRO * APÉRO * APÉRO			
20.00	DINNER * DINNER * DINNER * DINNER * DINNER * DINNER			

Friday; January 27, 2012

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
09.00 – 10.15	Team Seeliger	Christina Seide Vithiyajali Sothilingam Marina Garcia Garrido Naoyuki Tanimoto Regine Mühlfriedel	Institute for Ophthalmic Research, University of Tübingen	Stephan Neuhauss
10.15 – 10.45	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK			
10.45 – 11.30	Team Grimm	Ghislaine Traber Marijana Samardzija Cavit Agca	Lab for Retinal Cell Biology Department of Ophthalmology, University of Zurich	Daniel Schorderet
11.30 – 11.45	<i>The neuroprotective potential of retinal Müller glia cells</i>	Stefanie Hauck	Research Unit for Protein Science; Helmholtz Center Munich, Germany	
SPECIAL TALK 11.45 – 12.30	MARCUS FRUTTIGER: Development of the retinal vasculature		UCL Institute of Ophthalmology, London UK	Christian Grimm
12.30 – 14.00	LUNCH * LUNCH * LUNCH * LUNCH * LUNCH * LUNCH			
14.00 – 14.15	<i>Meningothelial cells and the optic nerve microenvironment</i>	Albert Neutzner	University Eye Clinic, Basel	Christian Matter
14.15 – 14.45	Team Neuhauss	Lucia Cadetti Edda Kastenhuber	Institute for Molecular Life Sciences, University of Zurich	
14.45 – 15.30	Team Berger	Barbara Kloeckener Jadwiga Oczos Jurian Zürcher	Institute of Medical Molecular Genetics, University of Zurich	Carlo Rivolta
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

OLAF STRAUSS

THE RETINAL PIGMENT EPITHELIUM: PART OF THE BLOOD/RETINA BARRIER AND INTERACTION PARTNER OF THE PHOTORECEPTORS

Exp Ophthalmology, University of Regensburg, Germany

MARCUS FRUTTIGER

DEVELOPMENT OF THE RETINAL VASCULATURE

UCL Institute of Ophthalmology, London, UK

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

SPEAKERS:

- **Sarah Decembrini** Towards the stem-cell therapy to restore vision
 - **Corinne Kostic** Preclinical gene therapy studies for Pde6beta deficiency
 - **Karine Schouwey** Dual role of Bmi1 loss in the preservation of photoreceptor layers in the Rd1 mouse
-

Team BERGER (Medical Molecular Genetics, University of Zurich):

SPEAKERS:

- **Barbara Kloeckener** Towards understanding the vitreoretinopathy of Wagner disease
 - **Jadwiga Oczos** Paraoxonase-1 SNPs upstream of the protein-coding region are associated with neovascular AMD
 - **Jurian Zürcher** Norrin is a mitogen for the superficial retinal vascular plexus and pivotal for its normal recruitment of mural cells
-

Team ENZMANN (Department of Ophthalmology, University of Bern):

SPEAKERS:

- **Jasmin Balmer** Neuroprotective effects of erythropoietin in mouse models with retinal degeneration
 - **Stéphanie Lecaude** Transplantation of uncommitted BMSC in the sodium iodate model of retinal degeneration
 - **Isai Mathivanan** *In vitro* differentiation of murine bone marrow derived stem cells towards RPE lineage
-

Team GRIMM (Department of Ophthalmology, University of Zurich):

SPEAKERS:

- **Ghislaine Traber** Ocular motor instability in hypopigmented mice
 - **Marijana Samardzija** Mouse models for cone degenerations
 - **Cavit Agca** Regulation of *Lif* and characterization of *Lif* expressing Muller cells after photoreceptor injury
-

Team MATTER (Department of Biochemistry, Sciences II, University of Geneva):

SPEAKERS:

- **Tania Rodrigues** Atoh7 regulates interkinetic nuclear migration and cell cycle exit in retina
 - **Laurent Brodier** Live imaging of mitochondrial movements in RGC optic nerve axons
-

Team NEUHAUSS (Department of Zoology, University of Zurich):

SPEAKERS:

- **Edda Kastenhuber** Glutamate signaling at the photoreceptor synapse
 - **Lucia Cadetti** Functional characterization of glutamate transporters in the retina
-

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

SPEAKERS:

- **Giulia Venturini** Identification of the molecular factor determining the penetrance of PRPF31 mutations
 - **Silvio Alessandro Di Gioia** Defining a new role for FAM161A, a protein involved in autosomal recessive RP
 - **Hanna Koskiniemi** Exome sequencing in a family with recessive high myopia and vitreoretinal dystrophy
-

Team SCHORDERET (IRO Sion):

SPEAKERS:

- **Fabienne Marcelli** Characterization of Hmx1dmbo, a mouse model for oculo-auricular syndrome of Schorderet-Munier
 - **Linda Wicht** Role of MAPK in A2E loaded cells
 - **Lionel Page** Zebrafish as model of human retinoblastoma
-

Team SEELIGER (Institute for Ophthalmic Research, University of Tübingen):

SPEAKERS:

- **Christina Seide** Analysis of retinal and choroidal circulation in the early phase of fluorescein angiography in an Abyssinian cat model of Retinitis Pigmentosa
 - **Vithiyanjali Sothilingam** Recovery of ERG components in the Cngb1^{-/-} model of RP following gene therapy
 - **Marina Garcia Garrido** Comparison between CRB1- associated retinal degeneration in human patients and corresponding mouse models
 - **Naoyuki Tanimoto** Modulation of rod photoreceptor output by HCN1 channels is essential for regular mesopic cone vision
 - **Regine Mühlfriedel** Progress in retinal gene therapies in mice
-

Team WOLF-SCHNURRBUSCH (Department of Ophthalmology, University of Bern):

SPEAKERS:

- **Ute Wolf-Schnurrbusch** Non-invasive method to monitor subretinal stem cell transplantation in a mouse model of retinal degeneration
 - **Hannan Abdillahi** OCT imaging in AMD patients with geographic atrophy
-

INDIVIDUAL Speakers:

STEPHANIE HAUCK

The neuroprotective potential of retinal Müller glia cells
Research Unit for Protein Science; Helmholtz Center Munich, Germany

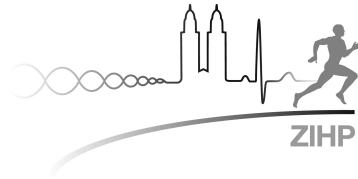
ULRICH LUHMANN

Differential Modulation of Retinal Degeneration by Ccl2 and Cx3cr1 Chemokine Signaling
UCL Institute of Ophthalmology, Department of Genetics, London, UK

ALBERT NEUTZNER

Meningothelial cells and the optic nerve microenvironment
University Eye Clinic, Basel

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



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



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Une jeune édition pour l'

