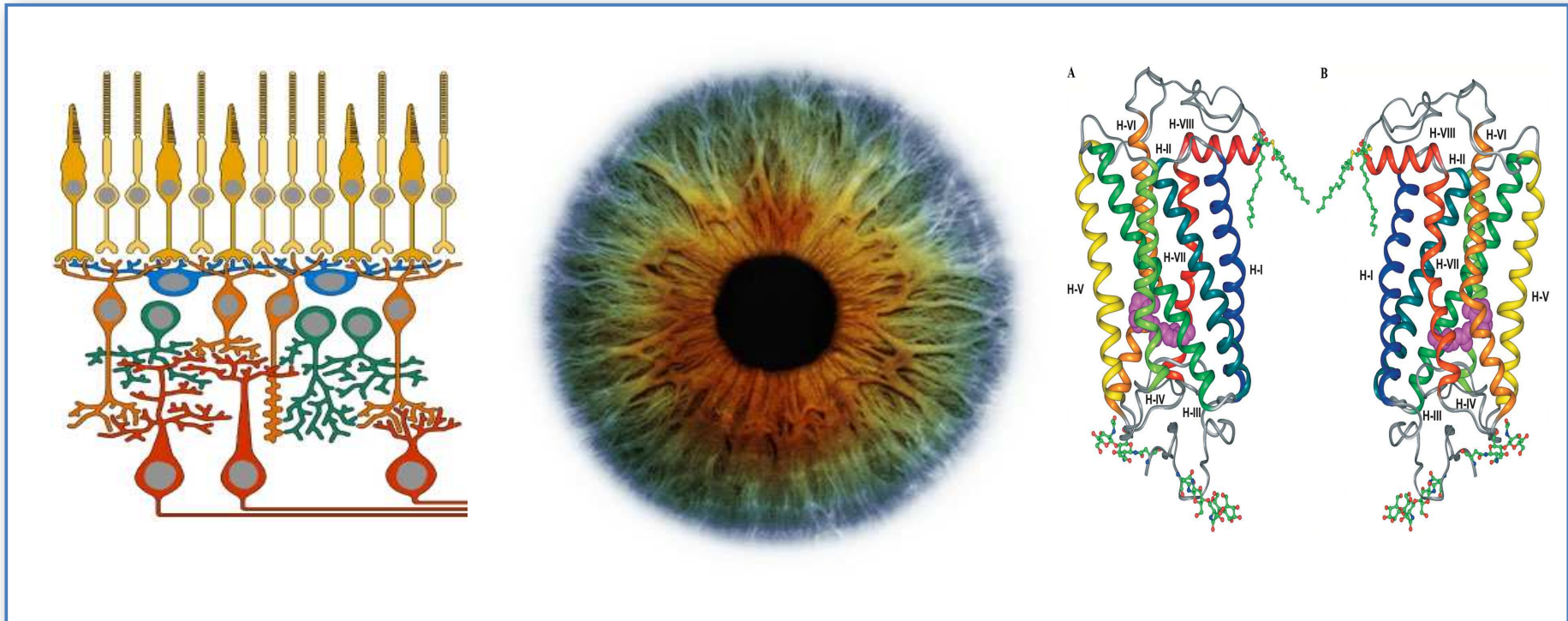


SWISS EYE RESEARCH MEETING 2016 (SERM2016)

Venue: Hotel Beaulac, Neuchâtel

Date: Jan 21 – Jan 22, 2016



Thursday; January 21, 2016

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
10.00 – 10.30	WELCOME COFFEE			
10.30 – 10.45	Welcome	Corinne Kostic	Dept Ophth., Univ Lausanne	
10.45 – 11.15	Team Grimm	1 Christian Schori 2 Federica Storti	Dept. of Ophthalmology, University of Zürich	Albert Neutzner
11.15 – 11.30	Team Escher	Pascal Escher	Dpt Ophthalmology, Jules Gonin Eye Hospital, UNIL	
11.30 – 12.30	Team Langmann	1 Anne Wolf 2 Khalid Rashid 3 Rebecca Scholz 4 Thomas Langmann	Experimental Immunology of the Eye, Department of Ophthalmology, Univ. of Cologne	Christian Grimm
12.30 – 13.30	LUNCH * LUNCH * LUNCH * LUNCH * LUNCH * LUNCH			
13.30 – 14.30	Team Behar-Cohen	1 Frédéric Mascarelli 2 Alicia Torriglia 3 Pierre-Raphael Rotschild 4 Laura Kowalczuk 5 Alexandre Matet	Dpt Ophthalmology, Jules Gonin Eye Hospital, Univ of Lausanne / INSERM, Paris	Volker Enzmann
14.30 – 15.30	Team Paquet-Durand	1 Michael Power 2 Manoj Kulkarni 3 Ayse Sahaboglu Tekgoz 4 Dragana Trifunovic	Institute for Ophthalmic Research, University of Tübingen	Yvan Arsenijevic
15.30 – 15.45	<i>Imaging of retinal hypoxia</i>	Ashwath Jayagopal	<i>F.Hoffmann-La Roche, LTD, Basel</i>	Pascal Escher
15.45 – 16.00	<i>Semi-automated quantitative analysis of vessel regression and pericyte detachment in a mouse model of retina angiogenesis</i>	Sabine Uhles	<i>F.Hoffmann-La Roche, LTD, Basel</i>	
16.00 – 16.30	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK			
SPECIAL TALK 16.30 – 17.15	MICAH MURRAY: Reshaping Vision through Multisensory Processes		Departments of Clinical Neurosciences and Department of Radiology, CHUV, UNIL, Lausanne	Corinne Kostic
17.15 – 17.30	Team Murray	Pawel Matusz	CHUV, UNIL, Lausanne	Matthias Seeliger
17.30 – 17.45	Team Kleinlogel	Sonja Kleinlogel	Institute of Physiology, Univ Bern	
17.45 – 18.00	Team Thumann	Nina Harmening	University of Geneva	
19.30	APÉRO * APÉRO * APÉRO * APÉRO * APÉRO * APÉRO			
20.00	DINNER * DINNER * DINNER * DINNER * DINNER * DINNER			

Friday; January 22, 2016

TIME	TEAM / TALK	SPEAKERS	AFFILIATION	MODERATOR
8.30 – 9.30	<i>Team Rivolta</i>	1 Katarina Cisarova 2 Konstantinos Nikopoulos 3 Andrea Prunotto 4 Beryl Royer-Bertrand	Department of Medical Genetics, University of Lausanne	<i>Wolfgang Berger</i>
9.30 – 10.15	<i>Team Enzman/Zinkernagel</i>	1 Miriam Reisenhofer 2 Carolyn Trepp 3 Chantal Dysli	Dept of Ophthalmology, Inselspital, University of Bern	
10.15 – 10.45	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK * COFFEE BREAK			
10.45 – 11.15	<i>Team Berger</i>	1 Andrina Stäubli 2 Amit Tiwari	Institute of Medical Molecular Genetics, University of Zürich	<i>Daniel Schorderet</i>
11.15 – 11.30	<i>Team Neuhaus</i>	Stephanie Niklaus	Institute of Molecular Life Sciences, University of Zürich	
SPECIAL TALK 11.30 – 12.30	MASSIMILIANO ANDREAZZOLI: Specification of early retinal progenitors: a role for the transcription factor Rx1 and its target genes		Unit of Cell Biology and Development, Dept of Biology, University of Pisa, Pisa, Italy	Sarah Decembrini
12.30 – 13.30	LUNCH * LUNCH * LUNCH * LUNCH * LUNCH * LUNCH			
13.30 – 14.00	<i>Team Seeliger</i>	1 Suzanne Beck 2 Regine Mühlfriedel	Institute for Ophthalmic Research, University of Tübingen	<i>Sonja Kleinlogel</i>
14.00 – 14.45	<i>Team Arsenijevic</i>	1 Sarah Decembrini 2 Florian Udry 3 Alexandre Matet	Dpt Ophthalmology, Jules Gonin Eye Hospital, University of Lausanne	<i>Stephan Neuhaus</i>
14.45 – 15.30	<i>Team Schorderet</i>	1 Linda Bapst-Wicht 2 Fatima Taki 3 Imen Habibi	Institut de Recherche en Ophtalmologie (IRO), Sion	<i>Francine Behar- Cohen</i>
15.45 – 16.00	AWARDS FOR BEST PRESENTATIONS: RETINA SUISSE			
16.00	FAREWELL COFFEE * FAREWELL COFFEE * FAREWELL COFFEE * FAREWELL COFFEE * FAREWELL COFFEE			

Presentations of the teams:

SPECIAL TALKS

MICAH MURRAY

RESHAPING VISION THROUGH MULTISENSORY PROCESSES
*Departments of Clinical Neurosciences and Department of Radiology,
CHUV, UNIL, Lausanne.*

MASSIMILIANO ANDREAZZOLI

SPECIFICATION OF EARLY RETINAL PROGENITORS: A ROLE FOR THE TRANSCRIPTION
FACTOR RX1 AND ITS TARGET GENES
*Unit of Cell Biology and Development, Dept of Biology, University of Pisa,
Pisa, Italy.*

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

SPEAKERS:

- **Sarah Decembrini** Retinal organoid formation in micro-culture arrays
- **Florian Udry** Development of an in vitro model for type II Leber congenital amaurosis
- **Alexandre Matet** Safety study of a lentiviral-based RPE65 gene therapy in healthy non-human primates

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

SPEAKERS:

- **Frédéric Mascarelli** Amyloid Precursor-Like Protein 2 deletion-induced retinal synaptopathy related to congenital stationary night blindness: structural, functional and molecular characteristics
- **Alicia Torriglia** Retinal and lens alterations induced by glucocorticoids
- **Pierre-Raphael Rotschild** Implication of outer blood retinal barrier breakdown in early stages of diabetic retinopathy
- **Laura Kowalczyk** Placental growth factor levels in the aqueous humor of patients with idiopathic macular telangiectasia type 1: rationale for the clinical effect of intravitreal aflibercept
- **Alexandre Matet** Macular telangiectasia type 1: capillary density and microvascular abnormalities assessed by optical coherence tomography angiography

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

SPEAKERS:

- **Andrina Stäubli** Functional studies on cataract-associated mutations in SLC16A12.
- **Amit Tiwari** Next generation sequencing based identification of disease-associated mutations in Swiss patients with retinal dystrophies

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

SPEAKERS:

- **Pascal Escher** Novel mechanisms in NR2E3-linked retinal degenerations

Team ENZMAN/ZINKERNAGEL (Exp. Ophthalmology, Dept of Ophthalmology, Inselspital, University of Bern):

SPEAKERS:

- **Miriam Reisenhofer** Five ways to die – cell death pathways in retinal degeneration
- **Carolyn Trepp** Pre-differentiated human adult stem cells as a tool to rescue retinal degeneration
- **Chantal Dysli** Retinal fluorescence lifetime characteristics in Abca4(-/-) mice and patients with Stargardt disease

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

SPEAKERS:

- **Christian Schori** Identification of Hypoxia-Related Biomarkers in Age-Related Macular Degeneration
- **Federica Storti** Lipoprotein genes in the eye: a local role

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

SPEAKERS:

- **Sonja Kleinlogel** Next-generation optogenetics for vision recovery

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

SPEAKERS:

- **Anne Wolf** Expression and function of myocyte enhancer factor 2c (Mef2c) in the retina.
- **Khalid Rashid** Microglia-specific expression of Translocator Protein (18kDa) (TSPO) and its therapeutic role in retinal degenerations
- **Rebecca Scholz** Targeting translocator protein (18 kDa) (TSPO) dampens pro-inflammatory microglia reactivity in the retina and protects from degeneration
- **Thomas Langmann** Interferon-beta signalling in retinal microglia attenuates pathological neovascularization

Team MURRAY (Dept. of Clinical Neurosciences and Dept. of Radiology, CHUV, UNIL, Lausanne):

SPEAKERS:

- **Pawel Matusz** Contribution of rod and cone pathways to the photic blink reflex and their interplay with pupillary light reflexes

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

SPEAKERS:

- **Stephanie Niklaus** Glutamate Homeostasis at the First Visual Synapse

Team PAQUET-DURAND (Institute for Ophthalmic Research, University of Tubingen):

SPEAKERS:

- **Michael Power** Live cell Ca⁺ imaging in cone photoreceptors
- **Manoj Kulkarni** Calcium dynamics in degenerating cone photoreceptors
- **Ayse Sahaboglu Tekgoz** The neuroprotective effect of PARP Inhibition in retinal degeneration
- **Dragana Trifunovic** HDAC inhibition protects degenerating cones

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

SPEAKERS:

- **Katarina Cisarova** Whole exome screening and identification of novel variants in a cohort of 28 Greek and Swedish families with cone-rod dystrophy
- **Beryl Royer-Bertrand** UV light signature in conjunctival melanoma; not only skin should be protected from solar radiation
- **Andrea Prunotto** Gene Ontology Landscapes of Corticosteroid-Treated Neuroretina
- **Konstantinos Nikopoulos** Whole exome sequencing reveals RCBTB1 as a novel inherited retinal dystrophy gene

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

SPEAKERS:

- **Linda Bapst-Wicht** Aberrant retinotectal projections in Hmx1 KO mouse.
- **Fatima Taki** Identification of cone opsin differences in photoreceptor degeneration in Rpe65-mediated LCA disease
- **Imen Habibi** Confirmation of ZNF408 as a retinitis pigmentosa gene

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

SPEAKERS:

- **Susanne C. Beck** Less is more – Reduction of cellular protein production as a corrective measure in inherited retinal degenerations
- **Regine Mühlfriedel** A key role for CNG channels in both PDE6A- and PDE6B-driven forms of cGMP-related retinitis pigmentosa

Team THUMANN (Department of Clinical Neurosciences, Division Ophth., University of Geneva):

SPEAKERS:

- **Nina Harmening** Transposon-based ex vivo gene therapy to treat age-related macular degeneration

INDIVIDUAL Speakers:

ASHWATH JAYAGOPAL

Imaging of retinal hypoxia

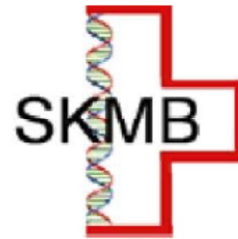
F.Hoffmann-La Roche, LTD

SABINE UHLES

Semi-automated quantitative analysis of vessel regression and pericyte detachment in a mouse model of retina angiogenesis

F.Hoffmann-La Roche, LTD

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



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

