	Presenting Author	Titel
Freitag		
8.30 h – 9.00 h		**Welcome / Bievenue / Begrüßung**
9.00 h – 10.50 h		**Experimental therapies and new therapeutic concepts in preclinical models**
	Arsenijevic	Derivation of Traceable Photoreceptors from Mouse Embryonic Stem Cells: implications for Cell Therapy and Drug Screening.
	Ader	Restoration of photopic responses following cone-like photoreceptor transplantation into a cone degeneration mouse model
	Seeliger	Gene Therapy in Achromatopsia: From Preclinical Models to Therapeutic Application
	Miranda de Sousa	Gene Replacement Therapy for CSNB as A Proof-Of-Principal for Other Inner Retinal Disorders
	Yanik	Highly Specific Nucleases to target the RPGR Gene for Gene Therapy
	Bonifert	Antisense Oligonucleotide Mediated Rescue of a Deep Intronic Point Mutation in OPA1
	Nagel-Wolfrum	Ignore the stop: translational read-through of nonsense mutations in Usher syndrome and related ciliopathy genes
	Frohns	Inefficient repair of DNA double-strand breaks in murine rod photoreceptors
	Jagodzinska	Wfs1-/- mice: phenotyping and gene therapy against Wolfram Syndrome disease
10.50 – 11.20		*Coffee*
11.20 – 12.05 h		***Key Note Lecture***
	Hamel	*The RPE65 story: from discovery to treatment of patients*
12.10 h – 13.00 h		**Business Meetings**
13.00 h – 14.00 h		**Lunch**
14.00 h- 14.50 h		**Targeting neuronal cell death for the treatment of hereditary retinal degeneration**
	Paquet-Durand	A better understanding of cell death to guide the rational development of new therapeutic approaches for hereditary retinal degeneration.
	Mühlfriedel	A key role for cyclic nucleotide gated (CNG)channels in cGMP-related retinitis pigmentosa: Photoreceptor survival in Cngb1-/- x rd1 double mutants
	Grosche	How Müller glia affect neuronal survial after transient ischemia
	Müller, B.	Time course of gene expression in murine retinal explant cultures
14.50h – 15.35 h		***Key Note Lecture***
	Reichenbach	*Retinal Glial Cells - Why they are of Interest to Ophthalmologists*
15.40 h – 16.10 h		**Coffee**
16.10 h -18.30 h		**Cases you do not see every day**
	Munier	NBAS-related Retinal Dystrophy
	Alex	Unklares Makulaödem bei einem 9-jährigen Jungen
	Preising	Genotype-Phenotype correlations in gene mutation carriers of PRPF31 Mutations
	Escher	Atypical mild Goldmann-Favre syndrome with residual rod function in presence of homodimerization-competent NR2E3 mutant proteins
	Vaclavik	Cone dystrophy and sterility – follow up
	Vaclavik	New case of Malatia Leventinese with a de novo mutation
	Solbach	A Bull's eye fundus autofluorescence points towards *EYS*
	Hamel	An unusually severe retinal dystrophy in a child
	Besgen	Girl with cornea verticillata
	Wenner	Case of a patient with retinal dystrophy and neurologic symptoms
	Leroy	Variable Phenotype and Retinal Abnormalities in Ectopia Lentis et Pupillae

	Cosendai	Argus II Retinal Prosthesis System: Results from the European Post-Market Surveillance Study
18.30 h – 19.30 h		**Vines and Spirit**
20.00 h		**Dinner at Heyligenstaedt**

Samstag

8.30 h – 9.00 h		**Approaching disease function**
	Orhan	Genotypic and Phenotypic Characterization of line 1-P23H rat model
	Karlstetter	The Fam161a-Gene trap mouse as novel ciliopathy mouse model
	Wolfrum	Decoding of protein networks reveals insights in the molecular basis of the Usher syndrome and related ciliopathies
9.00 h – 10.30 h		**Natural history of disease as basis for the detection of therapeutic effects**
	Kellner	Non-invasive retinal imaging: The primary tool for the diagnosis of inherited retinal dystrophies
	Gliem	Evaluation of Quantitative Fundusautofluorescence in Healthy Controls and Stargardt's Disease
	Müller, P.	Monoallelic Mutations in ABCA4 Are Not Associated With Abnormal Lipofuscin Accumulation
	Neuille	LRIT3 is essential for the proper membrane localization of different components of the ON-bipolar cell signaling cascade
	Lenaers	An update on the Genetics of Inherited Optic Neuropathies
	Matet	Multimodal imaging using quantitative autofluorescence in achromatopsia: a case series
	Schorderet	Characterization of HMX1, the gene responsible for the Schorderet-Munier-Franceschetti auriculo-ocular syndrome.
10.30 h – 11.00 h		*Coffee*
11.00 h – 12.20 h		**New developments in genetics or clinical diagnosis**
	Lorenz	Two-color-pupillometry
	Hauck	Unbiased allele-specific quantitative proteomics unravels molecular mechanisms influenced by *cis*-regulatory genomic variations
	Audo	Copy Number Variation detection from Next Generation Sequencing data in inherited retinal disorders
	Zanlonghi	Whole exome sequencing in a multiplex family case of Plateau Iris Syndrome
	Zeitz	The importance of Sanger sequencing of RPGR exon ORF15 in the time of next-generation sequencing
	Bolz	Comprehensive genetic analysis of Usher syndrome by next-generation sequencing
	Mayer	Identification of mutations in retinal disease genes using Whole Exome Sequencing
12.20 h		**Farewell / Archèvement / Verabschiedung**