

# PROGRAM

## *Wednesday February 18<sup>th</sup> 2009*

16:00 – 19:00	<b>Registration</b> at the meeting center St. Virgil
18:00 – 20:00	<b>Welcome Reception in St. Virgil</b>

All oral presentations must be uploaded to the presentation computers by the presentation technician before the morning sessions and before the afternoon session. (Memory sticks preferred) *All posters must be mounted by Thursday 10:15*

## *Thursday February 19<sup>th</sup> 2009*

07:30 – 08:00	<b>Registration</b> and Coffee
08:00 – 08:15	<b>Opening Remarks</b>
<b>08:15 – 10:00</b>	<b>Session: Neuroprotection / Pharmacogenetics</b> Session Chairs: Neville Osborne and Christian Vorwerk
08:15 – 08:35	Ch Vorwerk - Retinal neuroprotection in ophthalmology.(15min + 5min Discussion)
08:35 – 08:55	N Osborne - Stimulation of mitochondria function with nicotinamide enhances ganglion cell survival. (15min + 5min Discussion)
08:55 – 09:10	J Jonas - Dosage dependence of the effect of ginkgo biloba on the rat retinal ganglion cell survival after optic nerve crush. (10min + 5min Discussion)
09:10 – 10:00	A Churchill - DNA profiling in eye disease - what can it tell us? (40min + 10min Discussion)
10:00 – 10:15	Coffee Break
<b>10:15 – 12:00</b>	<b>Session: Drug Delivery</b> Session Chairs: Peter Kador and Achim Krauss
10:15 – 10:35	M Diestelhorst - Ocular treatment with Lyophilisates. (15min + 5min Discussion)
10:35 – 10:52	P Chetoni - Assessment of Intraocular Drug Concentration after Sub-Tenon Injection of Triamcinolone Encapsulated Liposomes in Rabbits. (12min + 5min Discussion)
10:52 – 11:09	S Srinivas - Kinetics of Drug Penetration across the Cornea at a Microscopic Level. (12min + 5min Discussion)
11:09 – 11:26	P Kador - Preliminary results on the efficacy of topical Kinostat™ in reducing cataracts in diabetic dogs. (12min + 5min Discussion)
11:26 – 11:43	J Randazzo - Orally active multi-functional antioxidants delay radiation-Induced cataracts. (12min + 5min Discussion)

<b>12:00 – 13:00</b>	<b>Company Luncheon – IMEDOS</b>
12:00 – 12:20	B-U Seifert - Retinal vessel analysis – In vivo investigation of microcirculation.
12:20 – 12:40	G Garhofer - Dynamic Vessel Analysis - Neurovascular Coupling in the Retina.
<b>14:00 – 15:45</b>	<b>Open Session Blood Flow</b> Session Chairs: Oliver Zeitz and Gerhard Garhofer
14:00 – 14:15	D Schmidl - Correlation of optic disc morphology and ocular perfusion parameters in patients with primary open angle glaucoma. (10min + 5min Discussion)
14:15 – 14:30	B Bogner - Vasopressin Receptors in Ocular Tissues and Their Impact on Ocular Hydrodynamics. (10min + 5min Discussion)
14:30 – 14:45	F Seidova - Age dependence of pulse-wave velocity in retinal arteries of healthy volunteers. (10min + 5min Discussion)
14:45 – 15:00	G Weigert - Effects of topical clonidine versus brimonidine on choroidal blood flow during squatting. (10min + 5min Discussion)
15:00 – 15:15	K Kotliar - Dynamic retinal vessel reaction to flickering light is changed in patients with diabetes mellitus. (10min + 5min Discussion)
15:15 – 15:30	C Strohmaier – A novel rodent model to study choroidal blood flow. (10min + 5min Discussion)
15:45 – 16:00	Coffee Break
<b>16:00 – 17:30</b>	<b>Open Session</b> Session Chairs: Oliver Zeitz and Gerhard Garhofer
16:00 – 16:15	O Zeitz - Characteristics and prognostic role of disturbances of ocular emodynamics in glaucoma patients. (10min + 5min Discussion)
16:15 – 16:30	C Toris - Aqueous humor dynamics in pigment dispersion syndrome. (10min + 5min Discussion)
16:30 – 16:45	P Kador - Novel murine models for investigating diabetic retinopathy. (10min + 5min Discussion)
16:45 – 17:00	J Jonas - Intravitreal bevacizumab for retinal macroaneurysm. (10min + 5min Discussion)
17:00 – 17:15	F Schlichtenbrede - Toxicity Assessment of intravitreal Triamcinolone and Bevacizumab in a retinal explant mouse model using Two-Photon Microscopy. (10min + 5min Discussion)
17:30 – 18:30	<b>Poster Session</b> (all posters)

**Friday February 20<sup>th</sup> 2009**

07:30 – 08:15	<b>Registration</b> and Coffee
<b>08:15 – 10:00</b>	<b>Session: Drugs in the pipeline – Stem Cells</b> Session Chairs: Filippo Drago and Carl Erb
08:15 – 08:35	A Krauss - Ocular hypotensive activity of PF-3187207, a nitric oxide donating prostaglandin analog, in preclinical models. (PFIZER) (15min + 5min Discussion)
08:35 – 08:55	W Bonitz - Current concepts in drug development. (NOVARTIS) (15min + 5min Discussion)
08:55 – 09:15	M Prinz - Applications for thiolated polymers in ophthalmology. (CROMA) (15min + 5min Discussion)
09:15 – 10:00	L Aigner - A vision for blindness? What we learn from Stem Cells in the CNS. (35min + 10min Discussion)
10:00 – 10:15	Coffee Break
<b>10:15 – 12:00</b>	<b>Session: Safety and Efficacy in clinical trials – the role of the European Vision Institute</b> Session Chairs: Eberhart Zrenner and Susanne Nitsch
10:15 – 10:25	E Zrenner – Introduction (10min)
10:25 – 10:42	J Cunha-Vaz - EVI.CT.SE: A Network of clinical trial sites of excellence in ophthalmology. (12min + 5min Discussion)
10:42 – 10:59	U Schiefer - Visual field assessment – present state and future options. (12min + 5min Discussion)
10:59 – 11:16	E Zrenner - Assessing retinal function by refined electrophysiological protocols in clinical trials. (12min + 5min Discussion)
11:16 – 11:33	T Peters - The Steinbeis ERG-Reading Centre for Electrophysiological Data in Tübingen. (12min + 5min Discussion)
11:33 – 11:50	T Léveillard - Insights into the mode of action of the Rod-derived Cone Viability Factors. (12min + 5min Discussion)
<b>12:00 – 13:00</b>	<b>Company Luncheon – Bausch &amp; Lomb</b> Moderator: Leopold Schmetterer
12:00 – 12:40	CB Slonim - The novel substance for ocular inflammation control: loteprednol etabonate
<b>13:00 – 14:00</b>	<b>Company Luncheon – ALCON</b> Moderator: Herbert A Reitsamer
13:00 – 13:20	C Erb - Role of oxidative stress in glaucoma
13:20 – 13:40	D Bertin - Alcon - Research and Development

<b>14:00 – 15:45</b>	<b>Session: Pharmacology of Ocular Blood Flow</b> Session Chairs: Jeffrey W. Kiel and Falk Schroedl
14:00 – 14:17	F Schrödl - Intrinsic choroidal neurons: a review. (12min + 5min Discussion)
14:17 – 14:32	D Zamora - Sodium nitroprusside increases episcleral venous pressure (10min + 5min Discussion)
14:32 – 14:47	J Kiel - An ocular hypertensive dose of sodium nitroprusside does not increase aqueous flow. (10min + 5min Discussion)
14:47 – 15:05	U Welge-Lüssen – Ageing as risk factor for ocular diseases. (13min + 5min Discussion)
15:05 – 15:20	L Wagenfeld - Hydroxyl radical induced vasospasms: vasoactive effects of nebivolol in vitro and in vivo. (10min + 5min Discussion)
15:20 – 15:35	C Bucolo - Morphine-induced ocular hypotension is modulated by nitric oxide and carbon monoxide: role of $\mu_3$ receptors. (10min + 5min Discussion)
15:45 – 16:00	Coffee Break
<b>16:00 – 17:30</b>	<b>Session: Ocular Blood Flow in Health and Disease</b> Session Chairs: Herbert A Reitsamer and Leopold Schmetterer
16:00 – 16:15	G Fuchsjäger-Mayrl - Relation between retrobulbar flow velocities as assessed with CDI and mean arterial blood pressure in patients with primary open angle glaucoma. (10min + 5min Discussion)
16:15 – 16:30	B Pemp - Retinal vessel response to flicker-stimulation in type 1 diabetes, in systemic hypertension and/or hypercholesterolemia and in healthy controls. (10min + 5min Discussion)
16:30 – 16:45	R Leitgeb - High speed quantitative 4d assessment of human retinal blood flow. (10min + 5min Discussion)
16:45 – 17:00	G Garhofer - Retinal vessel analysis – A potential screening tool for ocular and cerebrovascular diseases. (10min + 5min Discussion)
17:00 – 17:15	M Lasta - Effect of dual endothelin receptor blockade on ocular blood flow in patients with glaucoma and healthy subjects. (10min + 5min Discussion)
17:30 – 18 :30	<b>Poster Session</b> (all posters)
19:00	<b>Shuttle Transfer from St. Virgil to M32 – Gala Dinner Location</b>

**Saturday February 21<sup>st</sup> 2009**

07:30 – 08:15	<b>Registration</b> and Coffee
<b>08:15 – 10:00</b>	<b>Session: AMD</b> Session Chairs: Jost Jonas and Christian Ahlers
08:15 – 08:35	M Eichhorn - Anatomical and physiological aspects of blood flow to the posterior eye. (15min + 5min Discussion)
08:35 – 08:50	J Jonas - Combined intravitreal bevacizumab and triamcinolone for exudative age related macular degeneration. (10min + 5min Discussion)
08:50 – 09:15	Ch Ahlers - Neovascular AMD and advanced retinal imaging: New trends and developments and their implications for the clinical ophthalmologist. (20min + 5min Discussion)
09:15 – 09:30	I Lanzl - Dynamic retinal vessel reaction in age, AMD and following VEGF inhibitor therapy. (10min + 5min Discussion)
09:30 – 09:50	T Peters - Subretinal microelectrode arrays for restitution of vision in blind retinitis pigmentosa patients. (15min + 5min Discussion)
10:00 – 10:15	Coffee Break
<b>10:15 – 12:00</b>	<b>Session: Ocular Surface – Dry Eye</b> Session Chairs: Elisabeth Messmer and Josef Stoiber
10:15 – 10:55	J Nepp - Role of hormones for lacrimal tear film quality and lipid phase tear film diagnostics. (35min + 5min Discussion)
10:55 – 11:15	E Messmer – Dry Eye, Osmolarity, and Osmoprotection. (15min + 5min Discussion)
11:15 – 11:35	J Stoiber - Immunmodulation in the cornea: Role of omega-3 fatty acids. (15min + 5min Discussion)
11:35 – 11:55	M Diestelhorst - Compliance with topical ocular therapy. (15min + 5min Discussion)
<b>12:00 – 13:00</b>	<b>Company Luncheon – MSD</b> Moderator: Herbert A Reitsamer
12:00 – 12:15	A Hommer - Medical treatment principles and options in the new EGS Guidelines.
12:15 – 12:30	L Schmetterer - Carbonic anhydrase inhibitors – an update.
12:30 – 12:45	L Pillunat – Normal pressure glaucoma - special aspects.
<b>13:00 – 14:00</b>	<b>Company Luncheon – CROMA</b>
13:00 – 13:20	L Schmetterer – Management of AMD with nutrients, what is important?
13:20 – 13:40	O Findl - bromfenac sodium – an ophthalmic nonsteroidal anti-inflammatory drug with global experience.

<b>14:00 – 15:45</b>	<b>Session: Diabetes</b> Session Chairs: Sigfried Priglinger and Stefan Egger
14:00 – 14:25	R Weitgasser - Diabetic retinopathy - the diabetologist's point of view. (20min + 5min Discussion)
14:25 – 14:50	A Wedrich - Pathophysiology of diabetic retinopathy and maculopathy. (20min + 5min Discussion)
14:50 – 15:15	G Kieselbach - Diabetic retinopathy - diagnosis and treatment - an update. (20min + 5min Discussion)
15:15 – 15:40	C Haritoglou - Diabetic maculopathy - diagnosis and treatment - an update. (20min + 5min Discussion)
15:45 – 16:00	Coffee Break
<b>16:00 – 17:40</b>	<b>Session Glaucoma</b> Session Chairs: Josef Flammer and Anton Hommer
16:00 – 16:20	C Vorwerk - Excitotoxic damage to the optic nerve in glaucoma – changes in the glutamate cycle and glutamate receptor signaling. (15min + 5min Discussion)
16:20 – 16:40	C Toris - How is aqueous humor production regulated? (15min + 5min Discussion)
16:40 – 17:00	G Garhofer - How is aqueous humor outflow facility regulated? (15min + 5min Discussion)
17:00 – 17:20	HA Reitsamer - Systemic findings in glaucoma patients. (15min + 5min Discussion)
17:20 – 17:40	M Mozaffarieh - Non IOP lowering glaucoma therapy. (15min + 5min Discussion)
17:45 – 18:00	Closing Remarks