



13th Optic Nerve Meeting Obergurgl, Austria, 9-11th December 2025

		10 minute slot = 5 minute talk and 5 minute discussion
uesday 9 th De	cember	
:30 - 8:40	Keith, Jonathan & Franz Session 1: Glial Influence in	Welcome and Introduction Optic Neuropathy
.40 0.00	Chairs: Adriana Di Polo, Lul	
:40 - 9:00 :00 - 9:20	Qi Cui Deborah Villafranca	Fate mapping determines the roles of monocytes and microglia in glaucoma cAMP Signaling and spatially resolved astrocyte diversity in glaucoma
:20 - 9:40	James Tribble	Inflammation-driven metabolic dysfunction
:40 - 9:50 :50 - 10:00	Xandra Pereiro Athanasios Alexandris	Müller glia–RGC communication via extracellular vesicles Axonal degeneration and recovery after diffuse traumatic optic nerve injury: evidence for homotypic collateral sprouting and sex-dependent plasticity
7.50 10.00		Axonal degeneration and recovery ofter diffuse traumatic optic nerve injury: evidence for nomotypic conditeral sprouting and sex-dependent plasticity
	Morning Tea	
	Session 2: Mitochondrial Dysfunction and Metabolism Chairs: Elena Vecino, Franz Grus	
0:30 - 10:50	Bledi Petriti	Reversing mitochondrial dysfunction in optineurin E50K glaucoma
.0:50 - 11:10 .1:10 - 11:30	Jeff Goldberg Elena Vecino	Axon transport of mitochondria and mRNAs Mitochondrial importance in RGC injury and repair
1:30 - 11:50	Luana Naia	Mitochondria-derived vesicles in ageing and neurodegeneration
11:50 - 12:00	Yasmin Alameldin	Mitochondrial DNA at the Interface between mitochondrial dysfunction and neuroinflammation in glaucoma
	Lunch Break	
	Session 3: Neurodegenera	
7:30 - 17:50	Chairs: Yang Hu, Giovanna Bryan Jones	Retina: A model for neurodegeneration
7:50 - 18:10	Giovanna Malucci	Neurodegeneration and protein stress
8:10 - 18:30 8:30 - 18:40	Len Levin Jesse Gardner-Russell	Axon-to-axon signaling: A paradigm for progression in optic neuropathy Selective axonal injury depletes interpericyte tunnelling nanotubes
8:40 - 18:50		Selective axonal injury depietes interpericyte tunnelling nanotubes The retina as a mirror of Alzheimer's Disease: Early structural and vascular alterations in the APPNL-F/NL-F mouse model
8:50 - 19:00	Seungsoo Rho	Nicotinamide trial in NTG patients
Vednesday 10	th December Session 4: Regeneration an	od Daneis Dahman
	Chairs: Richard Eva, Luana	
:30 - 8:50	Richard Eva	Optimising retinal neuroprotection and optic nerve regeneration by targeting axonal organelles
:50 - 9:10 :10 - 9:30	Adriana Di Polo Robin Franklin	Neuronal revival: The insulin pathway to dendritic and synaptic regeneration after axonal injury Schwann cells in the CNS
:30 - 9:50	Yang Hu	Recent progress on optic nerve protection and regeneration
:50 - 10:00	Carola Rutigliani	Netrin-1 as a dual guidance and regenerative cue following sheath-preserving optic nerve transection
	Group Photo + Morning Te	a
	Saccion E: Gono Thorany ar	nd Translational Platforms
0-20 - 10-50	Chairs: Alice Pébay, Keith N	Martin
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