

Mitochondrial Function in Health and Disease
Joint symposium on mitochondrial function of the Universities of Padua and
Innsbruck

DAY 1; Friday, 16.12.2016			
<i>Time</i>	<i>Speaker</i>	<i>Program</i>	<i>Chair</i>
13.45-14.00		Arrival and registration	
14.00-14.15	Session A1	Introduction	
14.15-14.45	Erich Gnaiger	<i>KN 1: The World as a Laboratory: Exploring Mitochondrial Fitness</i>	
14.45-15.00	Luigi Leanza	Mitos in cancer Direct pharmacological targeting of a mitochondrial ion channel selectively kills melanoma cells in vivo	<i>Vincenzo Ciminale, Helmut Klockner</i>
15.00-15.15	Dijana Samardzic	In vitro And In Vivo Study Of The Role Of The Mitochondria - Shaping Protein Opa1 In Cancer	
15.15-15.30	Akiko Omori	Exploring the role of mitochondrial dynamics in melanocytes and melanomas	
15.30-17.00	Session A2	Coffee Break + Posters	
17.00-17.30	Elena Ziviani	<i>KN 2: To eat or not to eat: mitophagy in ageing and neurodegeneration</i>	
17.30-17.45	Zuzana Sumbalova	Methods on Mito membranes Methods for evaluation of mitochondrial membrane potential with multi-sensor high-resolution respirometry: potentiometry vs fluorometry	<i>Ildikò Szabò, Doninik Pesta</i>
17.45-18.00	Markus Keller	The impact of mitochondrial phospholipid remodeling on mitochondrial function	
18.00-18.15	Ruben Quintana-Cabrera	Cyclophilin D stabilizes F ₀ F ₁ -ATPase dimers and cristae shape to modulate permeability transition pore	
18.15		Christmas Market	
19.30		Dinner	

DAY 2; Saturday, 17.12.2016			
<i>Time</i>	<i>Speaker</i>	<i>Program</i>	<i>Chair</i>
	Session B1		
9.15-9.45	Pidder Jansen-Duerr	<i>KN 3: Mitochondria and aging</i>	
		Mitos in aging and in the brain	
9.45-10.00	Jakob Troppmair	Prevention of mitochondrial oxidative damage: Novel insights into the activation of the pro-oxidant and pro-death function of p66Shc	<i>Keiko Iwata, Nadia Stefanova, Sinead Rooney</i>
10.00-10.15	Camilla Bean	The mitochondria and cristae shaping protein Opa1 impinges on fat browning to control insulin sensitivity	
10.15-10.30	Francesca Grespi	MicroRNAs as modulators of mitochondrial remodeling and apoptosis	
10.30-10.45	Federica Fazzini	Determination of mitochondrial copy number as versatile tool in epidemiology	
10.45-11.00	Maria Cavinato	Involvement of mitophagy in the elimination of damaged mitochondria during the process of UVB-induced senescence	
11.00-11.30	Marco Sandri	<i>KN 4: Mitochondrial quality control in muscle physiology and ageing</i>	
11.30-13.00	Session B2	Buffet + Posters	
		Mitos in blood and heart	
13.00-13.15	Stephanie Herkenne		<i>Vanina Romanello, Michael Ausserlechner</i>
13.15-13.30	Carolina Doerrier	Searching specific targets of ischemic damage of cardiac mitochondria using O2k-Fluorometry	
13.30-13.45	Chiara Volani	Effects of systemic iron perturbations on mitochondrial activity and on cellular metabolism in vivo	
13.45-14.00	Gloria Scattolin	Mitochondrial reactive oxygen species prime T-cell acute lymphoblastic leukemia to cell death by engaging the OMA1-OPA1 axis	
14.00-14.15	Micol Silic- Benussi	mTORC inhibition increases ROS levels and induces cell death in T-ALL cells	
14.15-14.45	Mariaeugenia Soriano	<i>KN 5: Role of Mic60 and OPA1 complexes in the formation of CJ</i>	
14.45-15.00		Conclusions & Departure	