



FEBS Advanced Lecture Course
on “Redox Regulation of Metabolic Processes”
 co-sponsored by SFRR-Europe



-- co-organised by COST Actions BM1203 (*EU-ROS*) and BM1307 (*Proteostasis*) --



PROGRAMME

	Mon, Sep 19	Tue, Sep 20	Wed, Sep 21	Thu, Sep 22	Fri, Sep 23	Sat, Sep 24	Sun, Sep 25
				Breakfast			
09:30		(Poster mounting)	DAIBER COST Action BM 1203 (EU-ROS)	ANTUNES A future COST action?	ÖZER SFRR-Europe	RECEVEUR-BRÉCHOT FEBS	Departure
10:00	Arrival and registration	CHONDRO-GIANNI, KLOTZ <u>Introduction</u>	SFRR-Lecture R. RADI, Biological Chemistry of Peroxynitrite: an unusual peroxide and free radical generator	MIRANDA-VIZUETE (L) <i>C. elegans</i> toolkit for redox biology	CHONDRO-GIANNI (L) Proteasome manipulation against aging and aggregation	ÖZER (L) Redox regulated endoplasmic reticulum stress in metabolic diseases	
		BARRIO COST Action BM1307 (<i>Proteostasis</i>)					
11:00			Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:30		ANTUNES (L) Hydrogen peroxide as a signaling molecule	BARTESAGHI (L) Biochemistry of protein tyrosine nitration	BELOUSOV (L) Redox-sensitive fluorescent proteins in the analysis of redox processes	FRIGUET (L) The aged proteome: impact of oxidative protein modifications in cellular ageing	KIETZMANN (L) Reactive oxygen species as mediators for the metabolic zonation in the liver	

12:30		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
14:00		Free time: Poster viewing, discussions	Free time: Poster viewing, discussions	Free time: Poster viewing, discussions	Free time: Poster viewing, discussions	Student oral presentations (Posters 46 – 55)
15:00		Meet the experts (I): Oxidative stress vs. redox regulation	Meet the experts (II): Cellular signaling	Meet the experts (III): Practical approaches	Excursion (boat trip)	Meet the experts (IV): Proteostasis
16:00		Coffee break	Coffee break	Coffee break		Coffee break
16:30		GRIFFITHS (L) Metabolic programming and inflammation – a virtuous circle?	STEINBRENNER (L) Interference of selenium and selenoproteins with insulin-regulated energy metabolism	KLOTZ (L) Xenobiotics as modulators of redox signaling		RECEVEUR-BRÉCHOT (L) Conformational heterogeneity and dynamics of an intrinsically disordered protein upon redox transition
17:30		BARRIO (L) SUMO and its biological implications	MONSALVE (L) Mitochondrial ROS and the progression from liver steatosis to NAFLD and HCC	DAIBER (L) Analysis of ROS in the cardiovascular system		<i>Extended Poster Session</i> Poster viewing, discussions
18:30		Student oral presentations (Posters 01 – 15)	Student oral presentations (Posters 16 – 30)	Student oral presentations (Posters 31 – 45)		
19:00	<u>Welcome Address</u> CHONDRO-GIANNI, KLOTZ					
19:30	<u>Opening Lecture</u> T. GRUNE Proteostasis in Oxidative Stress and Aging					
20:00		Dinner	Dinner	Dinner	Dinner	<u>Farewell Dinner</u>
20:30	Welcome reception					