



**3<sup>rd</sup> Congress of Serbian Society for Mitochondrial and Free Radical Physiology**  
- with international participation -

## **REDOX MEDICINE**

*- Reactive species signaling, Analytical methods, Phytopharmacy, Molecular mechanisms of disease -*

### **PRELIMINARY SCIENTIFIC PROGRAMME**

Faculty of Pharmacy  
Vojvode Stepe 450  
Belgrade, Serbia  
September 25-26 2015

PRELIMINARY SCIENTIFIC PROGRAMME

Friday, September 25, 2015	
15.00-16.30	Registration Welcome Cocktail Poster Arrangements
16.30-17.00	Opening Ceremony and Welcome Messages
	NITRIC OXIDE AND MITOCHONDRIA IN BIOLOGY AND PATHOBIOLOGY Chairpersons: Fulvio Ursini, Bato Korac
17.00-18.00	OPENING CONGRESS LECTURE: <i>The biological significance of NO/O<sub>2</sub> interactions</i> Sir Salvador Moncada, Manchester, UK
18.00-18.30	PLENARY LECTURE: <i>Targeting mitochondria in male (in)fertility. A new therapeutic approach</i> Vesna Otasevic, Belgrade, Serbia
18.30-19.00	PLENARY LECTURE: TBA

Saturday, September 26, 2015	
08:30-09:30	Registration Poster arrangements
Session 1	LIFE IN REDOX CHEMISTRY Chairpersons: Andreas Daiber, Jelena Kotur-Stevuljevic
09:30-10:10	LECTURE OF THE DAY: <i>Unraveling the mechanism of selenium catalysis in GPx4. How redox chemistry impacts on life, from spermatogenesis to cell death</i> Fulvio Ursini, Padova, Italy
10:10-10:30	KEYNOTE TALK: <i>Selenium-derived compounds as pharmacological tools to target the redox signaling and detoxification function of GSTP</i> Francesco Galli, Perugia, Italy
10:30-10:50	KEYNOTE TALK: <i>The role of GST polymorphisms in malignant and non-malignant diseases of urinary tract</i> Tatjana Simic, Belgrade, Serbia
10:50-11:00	Oral presentation from selected abstract
11:00-11:30	Coffee Break / POSTER SESSION
Session 2	REACTIVE SPECIES SELF-CONTROL Chairpersons: Tomas Jelenik, Ana Stancic
11:30-12:00	PLENARY LECTURE: <i>ROS-induced ROS - implications for mitochondrial ROS on vascular function</i> Andreas Daiber, Mainz, Germany
12:00-12:20	KEYNOTE TALK: <i>Modulation of macrophage reactive oxygen and nitrogen species production by neuropeptide Y</i> Stanislava Stanojevic, Belgrade, Serbia
12:20-13:00	Oral presentations from selected abstracts
13:00-14:30	Lunch / POSTER SESSION
Session 3	BETWEEN SIGNALING AND CELL DESTRUCTION Chairpersons: Francesco Galli, Ivana Stojanovic
14:30-15:00	PLENARY LECTURE: <i>ROS generation by flavin dehydrogenases of the mitochondrial respiratory chain</i> Tomas Mracek, Prague, Czech Republic
15:00-15:20	KEYNOTE TALK: <i>Overdrive operation of NO/cGMP signaling in Leydig cells from aged rats</i> Tatjana Kostic, Novi Sad, Serbia
15:20-16:00	Oral presentations from selected abstracts
16:00-16:30	Coffee Break / POSTER SESSION
Session 4	REACTIVE SPECIES AND METABOLISM Chairpersons: Tomas Mracek, Ana Savic-Radojevic
16:30-17:00	PLENARY LECTURE: <i>Mitochondrial function and insulin sensitivity</i> Tomas Jelenik, Dusseldorf, Germany
17:00-18:00	Oral presentations from selected abstracts
18:00-18:30	CONCLUSIONS - AWARDS Salvador Moncada, Fulvio Ursini, Bato Korac
20:30	Congress Dinner