

Rijeka



Osijek



Zagreb



Split



**Croatian Physiological Society**  
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*Ines Drenjančević*

<http://hdf.mef.hr/crophys2013>



## Second call!

Dear Colleagues,

It is our privilege and honor to cordially invite you to join us at the

### **3. Congress of Croatian Physiological Society and 1. Regional Congress of the Physiological Societies**

**13-15 September, 2013, Rijeka - Croatia**

#### **Venue:**

University of Rijeka, Faculty of Medicine  
 Braće Branchetta 20, 51 000 Rijeka, Croatia

#### **Local Organizing Board**

Ines Drenjančević, *Faculty of Medicine Osijek*  
 Željko Dujić, *Faculty of Medicine Split*  
 Mirko Hadžija, *Institute Rudjer Boskovic, Zagreb*  
 Sunčana Kukolja Taradi, *Faculty of Medicine Zagreb*  
 Aida Salihagić-Kadić, *Faculty of Medicine Zagreb*  
 Ivan Sabolić, *Institute for Medical Research and Occupational Health, Zagreb*  
 Ines Mrakovčić Šutić, *Faculty of Medicine Rijeka*  
 Aleksandra Sindić, *Faculty of Medicine Zagreb*  
 Miljenko Šimpraga, *Faculty of Veterinary Medicine Zagreb*

**International Organizing Board:**

Nikola Gruić, Serbia  
Akos Koller, Hungary  
Helena Lenasi, Slovenia  
Farid Ljuca, Bosnia and Herzegovina  
Shane A. Phillips, USA  
Carlo Reggiani, Italy  
Julian H. Lombard, USA  
Laszlo Hunyady, Hungary  
Niels Sacher, Denmark

**Co-organizers:**

Faculty of Medicine Rijeka, Croatia  
Faculty of Medicine Osijek, Croatia  
Faculty of Medicine Split, Croatia  
Faculty of Medicine Zagreb, Croatia  
Faculty of Medicine, Novi Sad, Serbia  
University of Applied Sciences Lavoslav Ruzicka in  
Vukovar, Croatia

**Guest societies:**

Italian Physiological Society  
Hungarian Physiological Society

**Language:**

The official language of the Conference is English.  
No translation will be provided.

**Registration fees:**

Seniors - 100 EUR  
PhD students and young researchers < 35 years -  
50 EUR  
Accompanying person - 50 EUR

**Registration fee covers:**

- Opening session and welcome reception
- Participation in all sessions
- Program and conference book
- Coffee and refreshments on the conference days
- Conference dinner

**The accompanying person fee includes:**

- Opening session and welcome reception
- Conference dinner

**All correspondence should be sent to:**

[ines.drenjancevic@mefos.hr](mailto:ines.drenjancevic@mefos.hr)

Phone: 00385-91-224-1406

**Abstract submission deadline:  
1th of July, 2013****Information on abstract acceptance:  
15th of July, 2013****Web page of the meeting:**

<http://hdf.mef.hr/crophys2013>

**Topics:**

- Physiology of aging
- Environmental and exercise physiology
- Cell physiology
- Clinical physiology

**INVITED SPEAKERS- CONFIRMED  
TALKS****Key Note Lectures**

**N. Sacher (DM):** Cerebral blood flow and metabolism during exercise

**Invited lecturers:**

**Schlatter (GER):** Regulation of organic cation transport in the mouse proximal tubule

**S. Volarevic (CRO):** Response of mammalian cells to impairment of ribosome biogenesis

**S. Jonjic (CRO):** Can viruses teach us how to make better immune response?

**P. Lucin (CRO):** Protein sorting in the endosomal system

**I. Sabolic (CRO):** Aging-related expression of various transporters in rat kidneys

**N. Goswami (AT):** Spaceflight deconditioning and aging: Similarities and differences

**C. Reggiani (IT):** Stores and dynamics of intracellular calcium in models of malignant hyperthermia

**Parpura (USA, CRO):** Nanotechnology at the interface of cell physiology

**D. Pravdic (BiH):** The effect of of Ca<sup>2+</sup>-activated K<sup>+</sup> channel inhibitor paxilline on ion fluxes in isolated mitochondria

**A. Jurak Begonja (CRO, USA):** New insights on mechanisms of platelet production.

**D. Visnjic (CRO):** Metabolism and differentiation

**A. Koller (HU):** Microvascular dysfunction in diabetes mellitus

### **Invited lecturers (cont.)**

B. Jelakovic (CRO): Hidden traps of hypertension  
SA Phillips (USA): Vascular dysfunction and exercise  
J Popadic Gacesa (SRB): Upper arm muscles adaptation to exercise: an MRI study on athletes and non-athletes.  
H. Lenasi (SLO): Physical exercise and skin microcirculation  
A. Klasnja (SRB): Peak cardiac power output and cardiac reserve in sedentary men and women  
T. Kelava (CRO): Interactions between the bone and the immune system in physiological and pathophysiological conditions.  
M. Catalano (IT): The chemokine CX3CL1 protects neurons against excitotoxicity through glutamate transporters activity on astrocytes

### ***Tentative Program***

#### ***September 13, 2013 / Friday***

13.00 – 19.00 Registration  
15.00 Opening Ceremony  
Key Note Lectures  
18.00 Welcome Reception

#### ***September 14, 2013 / Saturday***

08.00 – 18.00 Registration  
09.00 – 12.00 Scientific Programme  
12.00 – 13.00 Lunch  
13.00 – 18.00 Scientific Programme  
19.30 Conference Dinner

#### ***September 15, 2013 / Sunday***

08.00 – 13.00 Scientific Programme – Young scientists  
13.00 – 14.00 Closing remarks

Social program - Boat trip

#### ***Accommodation:***

TBA at the conference website

We would like that this congress becomes opportunity for the members of regional physiological societies to communicate their research and to establish new collaborations.

You are warmly welcomed and we are looking forward seeing you in Rijeka at this fruitful scientific event but also at cultural and social activities!

For the Organizing Board



Ines Drenjančević  
President of the HDF