FIRST ANNOUNCEMENT & CALL FOR ABSTRACTS

OXIDATIVE STRESS IN HEALTH AND DISEASE: FROM BASIC SCIENCE TO APPLIED INVESTIGATIONS

September 02-03, 2018
Faculty of Medical Sciences University of Kragujevac, Kragujevac, Republic Of Serbia
Dear Colleagues,

We are very pleased to inform you that the Satellite Symposium to 8th International Congress of Pathophysiology will be held during September 02-03, 2018 at the Faculty of Medical Sciences, University of Kragujevac. For the last 16 years, the Serbian Physiological Society with the most important support from Faculty of Medical Sciences, University of Kragujevac has developed a series of national and internationally recognized congresses and meetings: the conferences of physiological sciences with international participation on environmental risk factors, oxidative biology and human health (Zlatibor 2001; Belgrade/Zrenjanin, 2003; Kragujevac 2004), the first congress of physiological sciences with international participation (Belgrade, 2005), the satellite symposium of the XIV International Symposium on Atherosclerosis (Belgrade, 2006), the scientific conference with international participation on nutrition, treatment and cardiovascular risk management (Novi Sad, 2007), the scientific conference with international participation devoted to our famous physiologist Richard A. Burian (Belgrade, 2008), second congress of physiological sciences with international participation (Kragujevac, 2009), the scientific conference with international participation on preclinical testing of active substances and cancer research with international symposium on anticancer agents, cardiotoxicity and neurotoxicity (Kragujevac, 2011) and under the auspice of EU 7th framework program, the joint scientific meeting of the national physiological societies organized by the Slovak Physiological Society and Serbian Physiological Society (Kovačica 2013), third congress of physiological sciences with international participation (Belgrade, 2014), second European meeting of the International Academy of Cardiovascular Sciences (Belgrade, 2015), second joint scientific meeting of the national physiological societies organized by the Slovak Physiological Society and Serbian Physiological Society (Smolenice 2016, Slovakia), the joint scientific meeting of the national physiological societies organized by the Hungarian Physiological Society and Serbian Physiological Society (Subotica 2017), and a few CME meetings in the field of atherosclerosis, vascular biology, risk factors and health. These meetings were recognized internationally, attracted a worldwide scientific audience, and had been supported by the Federation of European Physiological Societies (FEPS), the International Union of Physiological Sciences (IUPS), the International Society for Pathophysiology (ISP), the International Academy of Cardiovascular Sciences (IACS), and the International Atherosclerosis Society (IAS). Such success in former years directed us to plan and organize Satellite Symposium to 8th International Congress of Pathophysiology. This initiative was primarily recognized from our russian colleagues from 1st Moscow State Medical University “IM Sechenov”, who supported that idea with significant number of participants. Primary idea with this bilateral initiative is to attract more colleagues from surrounding countries to join us at the Symposium, as well as in Bratislava on 8th International Congress of Pathophysiology. This Symposium is focused on oxidative stress from its basic to applied investigations as still very attractive scientific topic worldwide.

We really hope that this Symposium is a unique opportunity for all participants to exchange their ideas and give their own contribution in this fruitful cooperation. Finally, city of Kragujevac, located in the heart of Serbia is not only the place where you will find typical Serbian spirit of life, but also the place which is known for the worldwide recognized sacral and historical objects and monuments, museums, galleries etc.

We appreciate your participation and wishing you warm welcome to Kragujevac and central part of Serbia.

On behalf of the Program/Organizing Committee
Vladimir Jakovljević and Sergey Bolevich
SYMPOSIUM CHAIRMEN

Jakovljević V, Kragujevac, Symposium Co-chairman
Bolevich SB, Moscow, Symposium Co-chairman

PROGRAM COMMITTEE MEMBERS

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Zhevak TN, (Moscow, Russia)

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Zivkovic V, (Kragujevac, Serbia)

CME COORDINATOR

Djurić DS (Kragujevac, Serbia)
Kagan VE, Bolevich SB:
Redox lipidomics biomarkers of programmed; Cell death in health and disease
University of Pittsburg, USA, 1st Moscow State Medical University IM Sechenov, Moscow, Russia

Vorobyev SI, Votrin SV:
Pathophysiological basis for the use of perfluorocarbon blood substitutes with gas transport function
1st Moscow State Medical University IM Sechenov, Moscow, Russia

Suchkov SV, Bolevich SS:
Antibody-Proteases as Biomarkers and Targets of The Newest Generation to Monitor Autoimmune Disorders
1st Moscow State Medical University IM Sechenov, Moscow, Russia

Tsymbal AA:
Effects and mechanisms of biological influence of terahertz electromagnetic waves
1st Moscow State Medical University IM Sechenov, Moscow, Russia

Astashkin EI: The role of priming in the biological activity of human phagocytes in norm and pathology
RMAPO, Moscow, Russia

Zhevak TN:
IL-24/IL-10 plasma levels ratio and relationship to Rai stage of B-cell chronic lymphocytic leukemia
1st Moscow State Medical University IM Sechenov, Moscow, Russia

Jakovljevic V:
Clinical benefits of n-3-PUFA and Gama-linolenic acid in patients with rheumatoid arthritis
University of Kragujevac, Faculty of Medical Sciences, Department of Physiology, Kragujevac, Serbia, 1st Moscow State Medical University IM Sechenov, Moscow, Russia

Zivkovic V:
Effects of atorvastatin and simvastatin on oxidative stress in diet-induced hyperhomocysteinemia in Wistar albino rats: a comparative study
University of Kragujevac, Faculty of Medical Sciences, Department of Physiology, Kragujevac, Serbia

Srejovic I:
Modulation of N-methyl-d-aspartate receptors in isolated rat heart – effects on redox balance
University of Kragujevac, Faculty of Medical Sciences, Department of Physiology, Kragujevac, Serbia
Jeremic N:
Role of TLR-4 in hypertension induced by hyperhomocysteinemia
University of Kragujevac, Faculty of Medical Sciences, Department of Pharmacy, Kragujevac, Serbia

Nikolic-Turnic T:
Relationship of the plasma phospholipid fatty acid profile and the level of homocysteine in experimental hyperhomocysteinemia: role HMG-CoA reductase inhibitors
University of Kragujevac, Faculty of Medical Sciences, Department of Pharmacy, Kragujevac, Serbia

Jeremic J:
Cardioprotective effects of DATS in type 1 diabetic rats: role of oxidative stress
University of Kragujevac, Faculty of Medical Sciences, Department of Pharmacy, Kragujevac, Serbia
CALL FOR ABSTRACTS

The Program Committee is welcoming the submission of original contributions for oral and poster presentations at the meeting.

ON-LINE ABSTRACT SUBMISSION

On-line submission of abstracts is encouraged by the Program Committee. Scientific contributions should be according to the topics of the meeting. Abstract must be written in English. Please, note that abstracts whose English language is of poor quality will be rejected. PLEASE, PREFER THE TYPE OF PRESENTATION (oral or poster). Accepted abstracts will be scheduled for the type of presentations by the authority of the Program Committee.

IMPORTANT NOTICE - THE DEADLINE FOR ABSTRACT SUBMISSION IS JULY 20th 2018.
ABSTRACTS TO BE SEND ONLY TO THE E-MAIL ADDRESSES OF THE PROGRAM/ ORGANIZING COMMITTEE drvladakgbg@yahoo.com or vladimirziv@gmail.com.

THE NUMBER OF ABSTRACTS IS NOT LIMITED.

Only abstracts accompanied by the payment of the registration fee will be considered for inclusion in Final Program and publication in Abstract Book. The transmission of the abstracts via fax, sending floppy discs, CD or USB by standard mail is not acceptable. Late abstracts will NOT be accepted.

INSTRUCTIONS FOR AUTHORS

1) Abstracts should contain short TITLE; a list of AUTHOR(S); the INSTITUTION(S) (Italic) where the investigation was performed and the TEXT.
2) The title should be written in capital and bold letters. Underline the presenting author.
3) Abstracts should state the study's objective, briefly describe the MATERIALS AND METHOD used, summarize the RESULTS obtained and state the CONCLUSIONS.
4) The recommended font is Time New Roman and font size 12. Kindly set the language to English.
5) Type the entire abstract single-spaced without margins at the top of sides.
6) Abstracts should contain no more than 250 words. Abstracts received after the deadline and abstracts not complied according to the instructions will not be accepted.

EXAMPLE:

THE EFFECTS OF NITRIC OXIDE SYNTHASE- OR LIPOXYGENASE INHIBITION ON CORONARY FLOW AND NITRITE OUTFLOW IN ISOLATED RAT HEART

Jakovljević V¹, Djurić D²
¹Department of Physiology, Faculty of Medical Sciences, University of Kragujevac, Kragujevac, Serbia
²Institute of Medical Physiology “Richard Burian”, Faculty of Medicine, University of Belgrade, Belgrade, Serbia
The aim of this study was to assess the changes of coronary flow and nitrite outflow under inhibition of nitric oxide synthase by L-NAME or lipoxygenase induced by nordihydroguaiaretic (NDGA, LOX-inhibition) acid in isolated rat heart. The hearts of male Wistar albino rats (n=18, age 8 weeks, body mass 180-200 g) were retrograde perfused according to the Langendorff technique at gradually increased constant perfusion pressure conditions (CPP, 40-120 cm H2O) which induced flow-dependent NO release (nitrite outflow).

NOTIFICATION OF ACCEPTANCE

Authors will be informed of their abstract acceptance (or rejection) not later than August 10th 2018. For this notification, the correct mailing address including e-mail address, phone and fax number is essential. Please carefully provide the e-mail address sending with abstracts. The registered author is responsible for informing all authors of the status of the abstract.

ANNOUNCEMENTS DELIVERY

The first announcement: second half of May 2018
The final program: the first half of August 2018

REGISTRATION FEE

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<td>PARTICIPANTS</td>
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Please use exchange offices located near to the symposium venue.

NOTICE:

For attendees from abroad – payment in Euro to account of Serbian Physiological Society:

INTERMEDIARY BANK/CORRESPONDENT BANK:

SWIFT – BIC: DRESDEFF
Name: DRESDNER BANK AG
City, Country: FRANKFURT AM MAIN, GERMANY

ACCOUNT WITH INSTITUTION/BENEFICIARY’S BANK:

SWIFT – BIC: KOBBRSBGXXX
Name: KOMERCIJALNA BANKA A.D. BEOGRAD Street: SVETOG SAVE 14
City, Country: BEOGRAD, REPUBLIC OF SERBIA

BENEFICIARY:

IBAN/Account Number: RS35205007040000174821
Name: DRUŠTVO FIZIOLOGA REPUBLIKE SRBIJE Street: Dr Subotića br 8
City, Country: 11000 BEOGRAD, REPUBLIC OF SERBIA

For attendees from Serbia ONLY – payment in Dinars (according to the official currency rate on the day of payment) to Komercijalna Banka A. D. account of Serbian Physiological Society number: 205-40932-94 KOMERCIJALNA BANKA A.D.

Full registration includes admission to all scientific sessions, opening ceremony, welcome reception, cocktail, and receiving abstract book. The meeting will be CME accredited.
**COFFEE, REFRESHMENT AND LUNCH**

Lunch, coffee or tea should be provided by free of charge in a restaurant of the Faculty of Medical Sciences University of Kragujevac during the working days of the symposium.

**OFFICIAL LANGUAGE**

Official language will be English. No simultaneous translation will be provided. All abstracts will be published in English.

**ORAL PRESENTATIONS**

Invited speakers are allocated 20 minutes for presentation. All other speakers for oral presentations are kindly requested to keep their presentation 10 or 15 minutes maximal with discussion time according to the final program timetable.

**POSTER PRESENTATIONS**

A few interactive poster sessions will be held during the meeting. Authors are requested to mount their posters from 9.00 to 18.00 on the day of the poster presentation. Poster size should be 120 (height) cm x 80 (width) cm. Poster figures should be designed to be viewed from a distance and the authors should use clear, visible graphics and large text fonts. Material for mounting posters will be provided in the poster area. Authors are requested to be present by their posters during the poster session for which their poster has been schedule. Award will be offered for the best poster presentations in a group of young investigators.

**AUDIOVISUAL FACILITIES**

For the plenary and oral presentations, video beam projection will be available in a conference room. Presentations should be prepared in „Power Point“(*.ppt file). For special audiovisual facilities, please send in advance a special request to the drvladakgbg@yahoo.com

**SOCIAL PROGRAM**

The social program will include convivial (welcome reception, cocktail) and cultural (city tours, sacral objects, visits to museums, galleries etc.) events; only the first will be covered by the registration fee. Please contact symposium desk for special inquiries.

**ACCOMMODATION**

Hotel accommodation and arrival/departure service will be organized in different price categories and at special rates. In order to receive an e-mail invitation and/or confirmation, please indicate your e-mail address.

**FULL-LENGTH PAPERS**

Certain number of abstracts presented at the symposium will be published as full-length papers in Serbian Journal of Experimental and Clinical Research, official journal of the Faculty of Medical Sciences, University of Kragujevac and the Serbian Physiological Society. In addition, certain number of abstracts which include role of oxidative stress in cardiovascular pathophysiology presented at the symposium will be offered to published as full-length papers in a special issue of Oxidative Medicine and Cellular Longevity entitled as “Oxidative Stress and Cardiovascular Dysfunction: From Basic Science to Applied Investigations“ (https://www.hindawi.com/journals/omcl/si/368271/cfp/).

For both options it will be possible upon invitation ONLY and STRICTLY after peer-review procedure after the meeting.
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**Date**  
**Signature**

* Please fill this form and send it with abstract(s) to the Program/Organizing Committee E-mail address drvladakgbg@yahoo.com till July 20th, 2018.
FOR OTHER INQUIRES PLEASE CONTACT:

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Faculty of Medical Sciences, University of Kragujevac,
1st Moscow State Medical University I.M. Sechenov (Sechenov University)
Ministry of Education, Science and Technological Development, Republic Of Serbia
International Society for Pathophysiology
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