

## Program

### AI -XII-lea Congres Național al Societății Române de Fiziologie - Physiology

Craiova, 26 - 28 Mai, 2016

<b>Joi, 26 mai, 2016</b>	
<b>12:00 - 18:00</b>	<b>Primirea și înregistrarea participanților. Str. Petru Rares 2-4, clădirea veche (corp A) – holul principal, parter.</b>
<b>14:00 - 17:00</b>	<b>Workshop: Achiziția și analiza imaginilor generate in vivo</b> Asist. univ. dr. Cătălin Bogdan MD, PhD Biobaza Universității de Medicină și Farmacie din Craiova. Str. Petru Rares, nr. 2-4
<b>18:00 - 19:00</b>	<b>Ceremonia de deschidere - Aula Magna, clădirea B (facultatea nouă), str. 1 Mai, nr. 66 – 68, Craiova.</b>
	<b>Prelegerea de deschidere - Dimitra Thomaidou</b> PhD, Principal Investigator, Department of Neurobiology and Imaging Unit, Hellenic Pasteur Institute, Greece. Astrocytes dynamics and reprogramming properties following brain injury and inflammation.
<b>19:30</b>	<b>Cocktail</b>
<b>Vineri, 27 mai 2016</b>	
<b>Toate prezentările se vor ține în Amfiteatrul Florin Bogdan (etaj 1), clădirea A, strada Petru Rares nr. 2-4</b>	
<b>09:00 - 09:30</b>	<b>Raportul Societății Romane de Fiziologie -prezentat de președintele Societații - Prof Carmen Panaitescu, MD, PhD (Timisoara, Romania)</b>
<b>09:30 - 11:00</b>	<b>Sesiunea I, prezentari orale: The inflammatory response - from molecular mechanisms to clinic</b> <i>Moderatori: Anca Ioana Bădărău, Remus Ioan Orasan</i>
	<b>Prelegere - Albrecht von Hardenberg</b> MD, PhD, Department of Internal Medicine, University of Saarland, Homburg, Germany, Reverse mode of the mitochondrial transhydrogenase during elevated cardiac afterload causes oxidative stress (Germany)
	Intercellular signaling mechanisms in the response to allergens. Panaitescu C, Marusciac L, Cernescu L, Tămaș TP (Timisoara, Romania)
	The effects of prenatal exposure to silver nanoparticles on nitro-oxidative stress, apoptosis and behavior in offspring Wistar rats. Filip A, Danila O, Berghian-Sevastre A, Gheban D, Baldea I, Olteanu D, Clichici S, David L, Olenic L, Orasan R (Cluj-Napoca, Romania)
	The relevance of oxidative stress in the study of the biocompatibility of nanoparticles. Olteanu D, Filip A, Clichici S, Baldea I, Socaci C, Pruneanu S, Radu T, Turcu R, Achim M, Tefas L, Orasan R (Cluj-Napoca, Romania)
	Identification of axonal growth-relevant genes in the aging post-stroke brain, Buga AM, Popa-Wagner A, Surugiu R, Dumbrava D, Zavaleanu A, Gresita A (Craiova, Romania – Rostock, Germany)
	Seminar organizat de sponsori
<b>11:00 - 11:30</b>	<b>Pauza de cafea</b>

<b>11:30 - 13:00</b>	<b>Sesiunea II, prezentari orale - Neurostiinte</b> <i>Moderatori: Carmen Bunu Panaitescu, Leon Zăgreaan</i>
	<b>Prelegere - Frank Kirchhoff</b> PhD, Professor of Molecular Physiology, Center for Integrative Physiology and Molecular Medicine, University of Saarland, Homburg, Germany, Neuroglia, a group of stars in the central nervous system - How astrocytes, oligodendrocytes and microglia determine brain functions
	<b>Prelegere - Arthur M. Butt</b> , BSc, MPhil, PhD, Professor of Cellular Neurophysiology, Institute for Biomedical and Biomolecular Sciences, University of Portsmouth, UK, Neurotransmission in CNS white matter: where are synapses?
	Stroke Therapy: The pleiotropic effects of hypothermia in the aged brains, Popa-Wagner A (Craiova, Romania – Rostock, Germany)
	Deep anesthetic coma facilitates the electrodiagnosis of the post-ischemic brain. Zagrean L, Paslaru A, Stancu M, Denise Z, Stoian A, Pavel B, Calin A, Zagrean AM, and Moldovan M (Bucharest, Romania)
	Controlling water diffusion in the CNS as a treatment option for oedema in acute ischemic stroke, Pirici D, Balseanu A, Bogdan C, Pirici I, Margaritescu C, Mogoanta L (Craiova, Romania)
	Seminar organizat de sponsori
<b>13:00 - 15:00</b>	<b>Prânz</b>
<b>15:00 - 15:30</b>	<b>Întâlnirea membrilor SRF</b>
<b>15:30 - 17:00</b>	<b>Sesiunea III, prezentări orale - Mecanisme în fiziologie I</b> <i>Moderatori: Clichici Simona, Eugen Osiac</i>
	<b>Prelegere - Alexandru Babes</b> , PhD, Professor of Animal Physiology and Biophysics, Faculty of Biology, University of Bucharest, Romania, Involvement of TRPA1 and TRPV1 ion channels in the painful photosensitivity in porphyria s and photodynamic therapy
	Neuroprotective effect of oxytocin during in vivo neonatal hypoxia/hypercapnia in rats. Zagrean AM , Panaitescu A, Isac S, Ceanga M, Paslaru A, Stancu M, Pavel B, Zahiu DCM, Moldovan M and Zagrean L (Bucharest, Romania)
	Modified physiological mechanisms in the HPV infection. Orasan R, Orasan MS (Cluj-Napoca, Romania)
	Age-dependency of ventricular arrhythmogenicity and left ventricular molecular changes in hypertensive rats. Scridon A, Fouilloux-Meugnier E, Loizon E, Romestaing C, Oréa V, Chapuis B, Șerban R, Rome S, Julien C, Barrès C, Chevalier P (Tirgu Mures, Romania – Lyon, France)
	Skin neurovascular inflammatory response in diabetic neuropathy. Caruntu C, Ghita MA, Batani A, Caruntu A, Boda D (Bucharest, Romania)
	The effects of caffeine on behavior and oxidative stress in an experimental model of menopause, Sevastre Berghian AC, Toma VA, Caravan I, Moldovan R, Decea N, Orasan R, Filip GA (Cluj-Napoca, Romania).
Sponsors seminar	
<b>17:00 - 17:30</b>	<i>Pauza de cafea</i>
<b>17:30 - 18:30</b>	<b>Sesiunea IV, Postere (abstracte)</b> <i>Moderatori: Adriana Gabriela Filip, Alina Scridon</i>
	<b>19:30</b>
<b>Sâmbătă, 28 mai 2016</b>	
<b>Toate prezentările se vor ține în Amfiteatrul Florin Bogdan (etaj 1), clădire A, strada Petru Rareș Nr. 2-4</b>	

The XII<sup>th</sup> National Congress of the Romanian Society of Physiology – SRF2016,  
Craiova, 26<sup>th</sup> to 28<sup>th</sup> of May 2016

<b>09:00 - 10:30</b>	<b>Sesiunea V, prezentări orale - Mecanisme în Fiziologie II</b> <i>Moderatori: Anica Dricu, Ana Maria Zăgăran</i>
	Carotid artery resistive index old and new significances. Andritoiu A, Mihai-Zamfir E, Slujitoru A, Tiugan C, Tiugan A (Craiova, Romania)
	Receptor Tyrosine Kinases Inhibition: An Emerging Paradigm in Personalized Cancer Therapy. Dricu A., Purcaru OS, Tache DE (Craiova, Romania)
	Molecular mechanisms used by mesenchymal stem cells in migration and adherence to inflammatory lesions, Marusciac L (Timisoara, Romania)
	New biological, morphological and functional indicators of minimal hepatic encephalopathy, Scheau C, Scheau AE, Ciornei CM, Papacocea RI, Bădărău IA (Bucharest, Romania)
	The upper motor controllers can provide respiratory mode similar to that produced by medullary respiratory oscillator. Besleaga T, Vovc V, Lozovanu S, Moldovanu I, Calabrese P (Chisinău, Republica Moldova - Grenoble, France)
	Corneal thickness and optic disc morphology in normal tension glaucoma, Coman CL, Paunescu HP, Bădărău AI, Coman LI (Bucharest, Romania)
	Microglia can change their morphology after perfusion. Cătălin B, Schlosser L, Bălșeanu TA, Scheller A (Craiova, Romania – Saarland, Germany)
	Seminar organizat de sponsori
<b>10:30 - 10:45</b>	Pauza de cafea
<b>10:45 - 12:00</b>	<b>World café workshop - Noi abordări în predarea fiziologiei</b> <i>Moderatori: Carmen Tatu, Veronica Sfredel</i>
	From the clinical cases to the physiological mechanisms - a teaching method, Balseanu TA, Iancu M, Taisescu CI, Badea CD, Iancu I, Romanescu F, Burada E, Mitran SI, Catalin B, Corîci CA, Târtea GC, Sfredel V (Craiova, Romania)
	Understanding physiological origins of biosignals in a modular learning environment. Student perception, Tatu C, Panaitescu C, Pitic C, Cotarcă M, Bojin F, Pușcașiu D (Timișoara, Romania)
<b>12:00 - 13:00</b>	Ceremonia de închidere și premiarea