THE SECOND INTERNATIONAL SYMPOSIUM ON NEUROCARDIOLOGY
NEUROCARD 2010

September 30th - October 2nd, 2010
Belgrade, Serbia

Organized by:
Serbian Neurocardiological Society, SNCS

Under auspices:
International Society for Holter and Noninvasive Electrocardiology, ISHNE
European Federation of Autonomic Societies, EFAS
Society of Heart Brain Medicine
Russian Society for Holter Monitoring and Noninvasive Electrophysiology
Polish Society for Noninvasive Electrocardiology
University of Medicine and Pharmacy Targu Mures, Romania
Spitalul Clinic Judetean Timisoara
Slovenian Autonomic Society
Serbian Autonomic Society, SAS
Neurophysiological Society of Serbia and Montenegro
Serbian Association for Arteriosclerosis, Thrombosis and Vascular Biology Research under auspices of International Arteriosclerosis Society, IAS
Cardiology Society of Serbia, CCS

Under Patronage
Clinical Hospital Center Bezanijska Kosa
Republic of Serbia Ministry of Health
Republic of Serbia Ministry of Science and Technological Development
City Belgrade Ministry of Health

Meeting endorsed by:
European Society of Cardiology, Computers in Cardiology, ESC Working Group

Topics:
Basic Neurocardiology
Evaluation of the Autonomic Nervous System
Biosignal Processing
Syncope, Orthostatic Hypotension and Intolerance
Cardiac Autonomic Dysfunction and Neurological Diseases
Hypertension and Neural Mechanisms
Sleep Apnea and Cardiorespiratory Control
Cardiac Arrhythmias and Autonomic Nervous System
Ischaemic Autonomic Dysfunction and Cardiovascular Risk
Sudden Cardiac Death and Neural Risk Predictors
Psychology and Autonomic Nervous System
Central Mechanisms and Heart
Metabolic Autonomic Neuropathies and Cardiovascular Risk
Dear colleagues,

It is our great pleasure to invite you to the second International Symposium on Neurocardiology, Neurocard 2010, organized by Serbian Neurocardiological Society, to be held in Belgrade in September 30th - October 2nd, 2010.

The first NEUROCARD 2009 organized last year was unique and from some point maybe historical meeting bringing together several scientific societies and organized under the auspices of several international organizations. We hope that NEUROCARD will become a good platform for international scientific cooperation as well as good opportunity to develop friendship in the nice environment and pleasant atmosphere.

The progression of heart disease is associated with changes in the neurohumoral mechanisms that control cardiac function. Neurocardiology deals with the degree to which this neurohumoral remodeling occurs, even before overt signs of cardiac disease become manifest. With our cumulative understanding of these interdependent processes, new avenues for time-appropriate, targeted methods of treating heart diseases can be developed.

The Symposium will bring together medical researchers and specialists focused on the autonomic cardiovascular regulation in different fields such as cardiology, neurology, physiology, molecular biology, pharmacology, nephrology, endocrinology, psychology and engineering.

The purpose of the meeting is to endorse research in neurocardiology and related fields, to improve prognosis and the outcome of cardiovascular disease and facilitate the dissemination of the state-of-the art. Outstanding experts, members of the Scientific Advisory Board will assure scientific excellence.

On behalf of the Organizing Committee,
Looking forward to welcoming you,

Branislav Milovanovic,
Associate Professor of Internal Medicine and Cardiology
Chairman of the meeting
President of Serbian Neurocardiological Society
LOCAL ORGANIZING COMMITTEE

MEMBERS OF THE BOARD
Dragana Bajic
Bojko Bjelakovic
Nebojsa Despotovic
Dragan Djuric
Branko Djurović
Nina Zigon-Japundzic
Tihomir Ilic
Vladimir Jakovljevic
Zarko Martinovic
Anita Milovanovic
Dusan Mitrovic
Sanja Ninic
Sanja Pavlovic
Biljana Pencic Popovic
Gordana Pekovic Perunicic
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Perisa Simonovic
Olivera Stanojlovic
Danijela Trifunovic Zamaklar

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Federico Lombardi (Milano, Italy)
Marek Malik (London, UK)
Leonid Makarov (Moscow, Russia)
Christopher Mathias (London, UK)
David Murphy (Bristol, UK)
Viktor Moga (Timisoara, Romania)
Stephen Oppenheimer (Hersey PA, USA)
Julian F Paton (Bristol, UK)
Aleksandar Pevzner (Moscow, Russia)
Ryszard Piotrowicz (Warsaw, Poland)
Cristian Podoleanu (Targu Mures, Romania)
Isabel Rocha (Lisboa, Portugal)
Anatoly Rogoza (Moscow, Russia)
Georg Schmidt (Munchen, Germany)
Harald Stass (Iowa City, USA)
Andre Terzic (Rochester, USA)
Wojciech Zareba (Rochester, USA)
Jerzy K. Wranicz (Lodz, Poland)
Yrsa Sverrisdottir (Gothenburg, Sweden)
# Program at a glance
## Thursday, September 30th

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<tr>
<th>Time</th>
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<tr>
<td>08:00-09:00</td>
<td>Registration</td>
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<tr>
<td>09:00-09:30</td>
<td>Opening Ceremony</td>
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<td>09:30-11:30</td>
<td>Plenary Session: Evaluation of Autonomic Nervous System</td>
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### Chairs:
- Marek Malik (London, United Kingdom)
- Stephen Oppenheimer (Hunt Valley, Maryland, USA)
- Leonid Makarov (Moscow, Russia)
- Branislav Milovanovic (Belgrade, Serbia)

#### 09:30-10:00
- Marek Malik (London, UK)

#### 10:00-10:30
- Leonid Makarov (Moscow, Russia)

#### 10:30-11:00
**Insularity and the Environment: Cortical Mechanisms of Cardiac Rhythm Control**
- Stephen Oppenheimer, USA

#### 11:00-11:30
**The Autonomic Nervous System Adjustment and Treatment of Disease: New Approach in the Personalized Medicine**
- Branislav Milovanovic (Belgrade, Serbia)

#### 11:30-12:00
Coffee break
12:00-13:15 Basic Neurocardiology
Chairs: Nina Zigon (Belgrade, Serbia), Olivera Stanojlović (Belgrade, Serbia)

12:00-12:15 AUTONOMIC MECHANISMS UNDERPINNING THE STRESS RESPONSE IN BORDERLINE HYPERTENSIVE RATS
Olivera Šarenac, Maja Ložić, Srdja Drakulić, Julian FR. Paton, David Murphy, Nina Japundžić-Žigon

12:15-12:30 TONIC SEIZURES IN METAPHIT – TREATED RATS TRIGGERED BY SOUND STIMULATION: CHANGES IN ECG AND EEG
D. Hrnčić, A. Rašić-Marković, O. Stanojlović (Belgrade, Serbia)

12:30-12:45 REVISITING THE DIFFERENTIAL EFFECTS OF LEFT SIDED AND RIGHT SIDED SYMPATHETIC OUTFLOWS ON THE WHOLE HEART: STUDIES IN THE ISOLATED INNERVATED RABBIT HEART
Tanko AS, Brack KE, *Coote JH, Ng GA (Leicester, UK)

12:45-13:00 INOTROPIC ENHANCEMENT DURING CARDIAC CONTRACTILE MODULATION IS ASSOCIATED WITH ACTION POTENTIAL DURATION SHORTENING AND PREVENTED THROUGH B1 ADRENOCEPTOR BLOCKADE IN THE RABBIT HEART
J. Winter, K.E. Brack, G. André Ng (Leicester, UK)

13.00 – 13.15 A NON-CHOLINERGIC NO RELEASE AND NO-DEPENDENT ANTI-FIBRILLATORY EFFECT OF VAGAL EFFERENT STIMULATION ON THE CARDIAC VENTRICLE
Brack KE, Patel VH, Coote JH*, and Ng GA (Birmingham, UK)

13:15-14:15 Biosignal Processing
Chairs: Teodor Buchner (Warsaw, Poland), Dragana Bajic (Belgrade, Serbia)

13:15-13:30 TIME FREQUENCY ANALYSIS OF THE TILT TEST RECORDINGS
Teodor Buchner, Grzegorz Grzyb, Pawel Krzesinski, Monika Grzeda (Warsaw, Poland)

13:30-13:45 EVALUATION OF METHODS FOR ST VARIABILITY ASSESSMENT
Roman Trobec, Viktor Avbelj, Aleksandra Rashkovska (Ljubljana, Slovenia)

13:45-14:00 sBRR SEQUENCE SPECTRUM AND ENTROPY
Tatjana Loncar-Turukalo, Dragana Bajic (Belgrade, Serbia)

14:00-14:15 ARTERIAL BLOOD FLOW AS A SECOND ORDER SYSTEM
Dejan Žikić, Dragoslav Žikić (Belgrade, Serbia)

14:15-15:00 Lunch
15:00-16:30 Session I: Syncope, Orthostatic intolerance
Chairs: Branislav Milovanovic (Belgrade, Serbia), Cristhian Podoleanu (Targu Mures, Romania)

15:00-15:30 THE DATA CONCERNING PATHOGENESIS OF VASOVAGAL SYNCOPE
Aleksandar V. Pevzner, E.A. Kuchinskaya, G.I. Kheymets, V.P.Masenko, A.N. Rogosa, S.P. Golitsyn (Moscow, Russia)

15:30-16:00 DELAYED ORTHOSTATIC HYPOTENSION: INSIGHT INTO THE UNDERLYING MECHANISMS
Cristian Podoleanu (Targu Mures, Romania)

16:00-16:30 THE AUTONOMIC NERVOUS SYSTEM ACTIVITY SCANNING AND TREATMENT OF DIFFERENT PATTERNS OF SYNCOPE
Branislav Milovanovic, Milan Predic, Anita Milovanovic (Belgrade, Serbia)

16:30-18:15 Heart Failure and Neural Mechanisms
Chairs: Jerzy Krzysztof Wranicz (Lodz, Poland), Viktor Moga (Timisoara, Romania)

16:30-17:00 NONLINEAR DYNAMICS PARAMETERS AND AUTONOMIC IMBALANCE IN PATIENTS WITH HEART FAILURE
Victor-Dan Moga, Tudor Ciocărle, Dan Păscuț, Viviana Ivan, Marius Turcană, Rodica Avram, Mariana Moga, Florin Vidu, Roxana Darie-Ionescu, Marina Maria Paulescu, Petru Barbu (Timisoara, Romania)

17:00-17:30 HEART RATE VARIABILITY AND TURBULENCE IN MONITORING HEART FAILURE PROGRESSION
Iwona Cygankiewicz (Lodz, Poland)

17:30-18:00 ELECTROTHERAPY IN HEART FAILURE
Jerzy Krzysztof Wranicz (Lodz, Poland)

18:00-18:15 ENDOTHELIAL DYSFUNCTION IN HEART FAILURE PATIENTS IS COUPLED WITH IMPAIRED CARDIAC AUTONOMIC FUNCTION
D. Trifunovic1, M. Petrovic1, M. Ostojic1, PM Seferovic1, B. Milovanovic2
1 University Clinical center of Serbia, 2 Clinical Hospital Center Bezanijska Kosa, Belgrade, Serbia

20:00 Welcome Cocktail, City Assembly (Dragoslava Jovanovica 2, Belgrade)
**Friday, October 1st**

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<tr>
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<td>09:00-11:30</td>
<td><strong>Cardiac Sudden Death and Risk Stratification (ISHNE SESSION)</strong></td>
<td>Chairs: Branislav Milovanovic (Belgrade, Serbia), Iwona Cygankiewicz (Łódź, Poland)</td>
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<td>09:00-09:30</td>
<td>SYMPATHETIC NERVE ACTIVITY IN STRESS-INDUCED CARDIOMYOPATHY – A STUDY</td>
<td>Yrsa Bergmann Sverrisdóttir, Tomas Schultz, Truls Råmunddal, Per Albertsson, Göran Matejka, Elmir Omerović (Gothenburg, Sweden)</td>
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<td>WITH MICRONEUROGRAPHY</td>
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<tr>
<td>09:30-10:00</td>
<td>ROLE OF HOLTER MONITORING IN THE NONINVASIVE RISK STRATIFICATION OF</td>
<td>Emanuela Locati (Milan, Italy)</td>
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<td>SUDDEN CARDIAC DEATH.</td>
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<td>10:00-10:30</td>
<td>GENETIC BASES OF BIOLOGICAL CLOCKS</td>
<td>Elena V. Zaklyazminskaya (Moscow, Russia)</td>
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<td>10:30-11:00</td>
<td>EARLY REPOLARIZATION SYNDROME: INNOCENT BYSTANDER OR HIDDEN THREAT?</td>
<td>Dmitry Duplyakov (Samara, Russia)</td>
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<td>11:00-11:30</td>
<td>The genetically aspects of of heart rate variability and assessment of</td>
<td>Branislav Milovanovic, Nebojsa Milicevic, Milan Predic, Bojan Milovanovic, Tanja Krajnovic, Marija Ljubicic, Anita Milovanovic</td>
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<td>cardiovascular risk</td>
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<td>11:30-12:00</td>
<td>Coffee break</td>
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<td>12:00-14:00</td>
<td>Methabolic Autonomic Neuropathies and Cardiovascular Risk</td>
<td>Chairs: Gaspar Ljudovit (Bratislava, Slovakia), Ljudmila Stojanovic (Belgrade, Serbia)</td>
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<td>12:00-12:30</td>
<td>IMPORTANCE OF HOLTER ECG MONITORING IN PATIENTS WITH METABOLIC SYNDROME</td>
<td>Gaspar Ludovit, Ambrozy Ewald, Makovnik Michal, Gavornik Peter, Hlinštakova Stella, Fulleova Margita (Bratislava, Slovak Republic)</td>
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<td></td>
<td>AND CRITICAL LIMB ISCHEMIA</td>
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<td>12:30-12:45</td>
<td>BENFOTIAMINE AND ALPHALIPOIC ACID IN TREATMENT OF CARDIAC AUTONOMIC</td>
<td>Zorica Rašić-Milutinović, Zoran Gluvić, Gordana Peruničić-Peković, Branislav Milovanovic, Biljana Penčić (Belgrade, Serbia)</td>
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<td>NEUROPATHY IN TYPE 2 DIABETES- PILOT STUDY</td>
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<td>12:45-13:00</td>
<td>UREMIE AUTONOMIC DYSFUNCTION IN PREDIALYSIS AND DIALYSIS PATIENTS</td>
<td>Gordana Perunic-Pekovic, Zorica Rasic-Milutinovic, Branislav Milovanovic, Steva Pljesa, Ana Cavala A., Glibetic M. (Belgrade, Serbia)</td>
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<td>13:00-13:15</td>
<td>AUTONOMIC DYSFUNCTION IN AUTOIMMUNE RHEUMATIC DISEASE</td>
<td>Ljudmila Stojanovic, Branislav Milovanovic (Belgrade, Serbia)</td>
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<td>SYSTEMIC LUPUS ERYTHEMATOSUS – DOES PRESENCE OF ANTIPHOSPHOLIPID SYNDROME</td>
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<td>CORRELATES WITH INTIMA MEDIA THICKNESS?</td>
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13:30-14:00  Satelit Symposium,BerlinChemie  
Slobodan Apostolski (Belgrade,Serbia)

14:00-15:00 Lunch, Poster Session

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<th>Time</th>
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<th>Chairs: Emanuela Locati (Milan,Italy), Andrej Ardasev (Moscow, Russia)</th>
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<td>15:00-17:15</td>
<td>Cardiac Arrhythmias and Autonomic Nervous System</td>
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<td>15:00-15:15</td>
<td>AUTONOMIC TONE MODULATION IN PATIENTS AFTER ABLATION FOR ATRIAL FIBRILLATION</td>
<td>A. Ardashev, A. Konev, E. Zhelyakov, M. Rybachenko, Y. Belenkov* (Moscow, Russian Federation)</td>
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<td>15:15-15:30</td>
<td>AUTONOMIC TONE MODULATION PRECEDING OCCURRENCE OF LEFT ATRIAL FLUTTER IN POST-ABLATION PATIENTS</td>
<td>Shavarov AA, Voronkov YI, Sharoyko MV, Akimova OS, Ardashev VN, Ardashev AV (Moscow, Russia)</td>
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<td>15:30-15:45</td>
<td>PREDICTORS OF EFFECTIVE TERMINATION OF ACUTE ATYPICAL ATRIAL FLUTTER AND ATRIAL FIBRILLATION BY HIGH-FREQUENCY ATRIAL PACING</td>
<td>Nikolay Shlevkov, Lada Nesterenko, Elena Mazygula, Liudmila Sergakova, Sergei Bakalov, Sergei Pasha, Vladimir Sergienko, Sergei Golitsyn</td>
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<td>15:45-16:00</td>
<td>BRUGADA SYNDROME:CASE REPORT</td>
<td>Bisenic V, Milovanovic B, Krotin M, Hinic S, Saric J, Milasinović G. (Belgrade, Serbia)</td>
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| 16:00-16:15   | THE COMPARATIVE ANALYSIS OF REGULATION OF HEART RATE ON VARIOUS TYPES OF ERGOMETERS | Pavlov V.I., Pachina A.I., Sharojko M.V., Ordgonikidze Z.G., Ardashev V.N.  
Moscow Scientifically and Practical Centre of Sport Medicine, (Moscow, Russia) |
| 16:15-16:30   | AUTONOMIC NERVOUS SYSTEM ASSESSMENT BY VARIABLE PULSOMETRY IN YOUNG ATHLETES WITH UNSTABLE PARAMETERS OF BLOOD PRESSURE | Natalia Skuratova, Elena Zimelikhina, Svetlana Ivkina (Gomel, Belorusia) |
| 16:30-16:45   | QT INTERVAL OF THE INFANTS UNDERGONE ALTE                               | Korabljeva N.N., Korabljev A.V. (Syktyvkar,Russia) |
| 16:45-17:00   | QTC CHANGES – A NEW PARAMETER OF EARLY LEFT VENTRICLE REMODELING IN YOUNG TENAGE PROFESSIONAL SOCCER PLAYERS | Marija Zdravković Perunučić J., Vukomanovic V., Ristić M., Krotin M., Milovanović B., Radovanovic S, Saric J., Popovic-Lisulov D., Zaja M. |
| 17:00-17:15   | LONG-TERM REPRODUCIBILITY OF HEART RATE VARIABILITY IN HEALTHY CHILDREN | Bojko Bjelakovic, Lukic Stevo², Lidija Dimitrijevic³ Ljiljana Saranać¹, Branislav Milovanovic⁴, Vladislav Vukomanovic², Ilic Stevan⁵ (Nis, Serbia) |
17:15-17:45 SYNCOPE – THE INCIDENCE IN A CLINIC CARDIOLOGY DEPARTMENT
Rodica Avram, Livia Brâñzan, Mariana Tudoran, Viviana Ivan, Mihai Balint, Tudor Ciocărlie, Victor Moga, Florina Pârv, Dan Pâscut, (Timisoara, Romania)

17:45-18:00 HEART RATE VARIABILITY DURING WESTMINSTER PROTOCOL OF HEAD-UP TILT TEST IN PATIENTS WITH NEUROCARDIOGENIC SYNCOPE AND HEALTHY VOLUNTEERS
Dmitry Duplyakov, G. Golovina, E. Sysuenkova (Samara, Russia)

18:00-18:15 WHICH FACTORS ARE ASSOCIATED WITH SYNCOPE DURING THE PAROXYSMAL VENTRICULAR TACHYARRHYTHMIAS?
Nikolay Shlevkov, Lada Nesterenko, Elena Mazygula, Liudmila Sergakova, Sergei Bakalov, Sergei Pasha, Vladimir Sergienko, Sergej Golitsyn (Moscow, Russia)

20:00 Galla Dinner, Hotel Majestic

Saturday, October 2nd

09:00-10:30 Central Mechanisms and Heart
Chairs: Stephen Oppenheimer, USA, Z. Martinovic (Belgrade, Serbia)

09:00-09:30 LEFT INSULAR STROKE IS ASSOCIATED WITH ADVERSE CARDIAC OUTCOME
Stephen Oppenheimer (Hunt Valley, Maryland, USA)

09:30-10:00 NON-INVASIVE CORTICAL STIMULATION IN MODULATION OF AUTONOMIC NERVOUS SYSTEM
Tihomir Ilic (Belgrade, Serbia)

10:00-10:30 AUTONOMIC DISTURBANCES IN EPILEPSY – SEMIOLOGY AND CLINICAL IMPORTANCE
Zarko Martinovic (Belgrade, Serbia)

10:30 – 10:45 LAMOTRIGINE MONOTHERAPY AND SELECTED TIME DOMAIN PARAMETERS OF HEART RATE VARIABILITY IN PATIENTS WITH NEWLY DIAGNOSED PARTIAL COMPLEX EPILEPSY
Lukic Stevo, Bjelakovic Bojko, Lidija Dimitrijevic (Nis, Serbia)

10:45-11:45 Cardiac Autonomic Dysfunction and Neurological Diseases
Chairs: Sanja Pavlovic (Belgrade, Serbia), T. Ilic (Belgrade, Serbia)

10:45-11:00 INFLUENCE CARDIAC AUTONOMIC CONTROL IMPAIRMENT IN OUTCOME IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS
Sanja Pavlovic, Branislav Milovanovic, Zorica Stevic, Biljana Milicic, Dragana Lavrnic, Vidosava Rakocevic-Stojanovic (Belgrade, Serbia)

11:00-11:15 THE CARDIOVASCULAR REFLEX TESTS IN PATIENTS WITH MYOTONIC DYSTROPHY
Natalija Mališić, Branislav Milovanović, Vidosava Rakočević-Stojanović (Belgrade, Serbia)

11:15-11:30 RELIABILITY OF HAND GRIP TEST IN AUTONOMIC DYSFUNCTION ASSESSMENT
Silvio De Luka, Branislav Milovanovic, Marina Svetel M.3, Tanja Pekmezovic, Vladimir Kostic (Belgrade, Serbia)

11:30-11:45 AUTONOMIC IMPAIRMENT IN PATIENTS WITH MYASTHENIA GRAVIS AND THYMOMA
Peric S, Nisic T, Rakocevic-Stojanovic V, Popovic S, Basta I, Stevic Z, Damjanovic S, Lavrnic D. (Belgrade, Serbia)
11:45-12:45 Sleep apnea and Cardiorespiratory Control
Chairs: Alexandar Pevzner (Moscow, Russia), Miodrag Vukcevic (Belgrade, Serbia)

11:45-12:15 NOCTURNAL BRADYARRHYTHMIAS AND SLEEP APNEA SYNDROME THE ROLE OF CPAP THERAPY AND CARDIAC PACING
Aleksandar V. Pevzner, A.Y. Litvin, N.V. Kurlikina, I.E. Chazova, S.F. Sokолов, S.P. Golitsyn

12:15-12:30 SLEEP APNEA IN CHRONIC HEART FAILURE: RELATION TO CARDIAC AUTONOMIC ACTIVITY AND HEART FAILURE SEVERITY
Danijela Trifunovic, M. Vukcevic, M. Petrovic, M. Ostojic, PM Seferovic, B. Milovanovic (Belgrade, Serbia)

12:30-12:45 HEART RATE VARIABILITY AND SLEEP RELATED BREATHING DISORDERS IN PATIENTS WITH CHRONIC HEART FAILURE
Biljana Penčić, Ćelić V., Slivc A. Majstorovic A, Illic I., Backovic S., Milovanovic B (Belgrade, Serbia)

12:45-13:00 Psychology and Autonomic nervous system
Chairs: Goran Knezevic (Serbia), Jelena Subotic (Belgrade, Serbia)

12:45-13:00 STUDY OF INDIVIDUAL DIFFERENCES IN PATIENTS WITH MYOCARDIAL INFARCTION
Goran Knežević, Jelena Subotić-Krivokapić and Branislav Milovanović (Belgrade, Serbia)

13:00-13:15 Closing of meeting

13:15-15:00 City sightseeing, visiting of Royal Palace

POSTERS
THURSDAY, September 30th

1.AUTONOMIC NERVOUS SYSTEM’S FUNCTIONAL STATUS ANALYSIS IN PATIENTS WITH HYPERTHYROIDISM AND HYPOTHYROIDISM
T. Nisic, B. Milovanovic, Z. Rasic Milutinovic, Lj. Jovanovic, S. Dasic, V. D. Sreckovic, S. Popovic, S. Damjanovic (Belgrade, Serbia)

2. ORTHOSTATIC HYPOTENSION IN GERIATRIC PATIENTS
Bojana Potic, Nebojsa Despotovic, Dragoslav Milosevic, Mladen Davidovic (Belgrade, Serbia)

3. INFLUENCE OF ESTROGEN LEVEL ON ISCHAEMIC HEART DISEASE DEVELOPMENT
Šarić J1, Živanović I, Ninković N, Radovanović, Bisenić V, Zdravković M, Djoković A, Milovanović B. (Belgrade, Serbia)

4. AUTONOMIC DYSREGULATION IN PATIENTS WITH RENAL FAILURE ON CHRONIC AMBULATORY PERITONEAL DIALYSIS

5. EVALUATION OF THE CARDIAC AUTONOMIC ACTIVITY IN SPORT CARDIOLOGY – TRENDS AND LIMITS
Marija Zdravković, Perunučić J., Vukomanovic V., Ristić M., Krotin M.1, Milovanović B., Radovanovic S.1, Saric J., Popovic-Lisulov D., Zaja M. (Belgrade, Serbia)
6. T WAVE CHANGES AND EARLY LEFT VENTRICLE REMODELING IN YOUNG TEENAGE PROFESSIONAL SOCCER PLAYERS
Marija Zdravković, Perunučić J., Vukomanovic V., Ristić M., Krotin M.1, Milovanović B., Radovanvic S.1, Saric J., Popovic-Lisulov D., Zaja M. (Belgrade, Serbia)

7. CHANGES IN REGULATION OF AUTONOMIC NERVOUS SYSTEM IN YOUNG ATHLETES WITH OVERTRAINING SYNDROME
Natalia Skuratova, Elena Zimelikhina (Gomel Belorusia)

8. HYPERGLYCEMIA AS AN INDEPENDENT PREDICTOR OF VENTRICULAR ARRHYTHMIAS IN ACUTE MYOCARDIAL INFARCTION
Živanović I, Živanović B, Šarić J, Ninković N, Milovanović B (Belgrade, Serbia)

FRIDAY October 1st

9. SHORT-TIME HEART RATE VARIABILITY IS AN ACTIVE ORTHOSTATIC TEST FOR PREDICTING MORTALITY AFTER MYOCARDIAL INFARCTION
Svetlana Petrik, Sergei Shalaev, Lubov Albert, Natalia Shanaurina, Sergei Pojidaev (Tyumen, Russia)

10. HOMOCYSTEINE AND RELATED COMPOUNDS: HOW MIGHT BE PREVENTED CARDIOTOXIC AND NEUROTOXIC EFFECTS?
Djurić D, Jakovljević V, Rašić-Marković A, Hrnčić D, Krstić D, Stanojlović O. (Belgrade, Serbia)

11. PHYSIOLOGICAL REGULATION OF CONTRACTILITY AND OXYGEN CONSUMPTION IN RAT HEART BY NITRIC OXIDE
Djurić D, Kojić Z, Dobrić M, Djurić M, Pavlović M (Belgrade, Serbia)

12. IMPLEMENTATION OF 24 HOUR HOLTER ECG MONITORING IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS
A Djokovic, M Krotin, Lj Stojanovic, B. Milovanovic, D. Simic3 S. Radovanovic, J. Saric (Belgrade, Serbia)

13. PREDICTIVE POWER OF HRV MEASUREMENTS FOR RECURRENCE OF ARRHYTHMIA AFTER RADIOFREQUENCY ABLATION OF PAROXYSMAL ATRIAL FLUTTER
Shavarov AA, Voronkov YI, Sharoyko MV, Akimova OS, Ardashev VN, Ardashev AV (Moscow, Russia)

14. DIFFERENTIAL DIAGNOSTICS OF ELECTROCARDIOGRAPHIC CHANGES AT ATHLETES: SLOW CONDUCTION IN THE RIGHT BUNDLE BLOCK AND WPW – A PHENOMENON
Pavlov V.I., Sharojko M.V., Pachina A.I., Orgdonikidze Z.G., Ardashev V.N., Deev V.V. (Moscow, Russia)

15. THE INCREASE IN NITRIC OXIDE AND ANTIFIBRILLATORY EFFECT OF POSTGANGLIONIC VAGAL FIBRES IS PRESERVED DURING VIP INHIBITION AND DOES NOT INVOLVE THE ENDOTHELIUM
Brack KE, Coote JH, Ng GA (Birmingham, UK)
GENERAL INFORMATION

Date & Venue:
September 30th - October 2nd 2010
Sava Centar, Congress and Cultural Center, Serbia

CME CREDIT POINTS:
- Lecturers 18 points
- Participants 9 points

REGISTRATION FEE
EARLY (before July 15th) 150 €
LATE (after July 15th) 200 €
Young participants (younger than 35 years) 100 €
DAILY 70 €

Payment instructions for EUR:
32A : value date, currency, amount: EUR
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Registration fee includes: Participation in scientific program, visit to exhibition area, Symposium material, coffee breaks, lunches and welcome reception.

ACCOMODATION
Symposium secretariat has obtained special, reduced prices for Symposium participants in Hotel Balkan (www.balkanhotel.net).

For all information regarding registration, payment instructions and registration form please contact management coordinator of the Symposium ARIA Conference & events
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