

NEUROCARD 2023 – PRELIMINARY PROGRAMME
26th - 27th May 2023 , Crown Plaza Hotel, Belgrade, Serbia

08:00-09:00 Registration

09:00-09:45 Opening Ceremony

Branislav Milovanovic

President of Serbian Neurocardiological Society, Chairmen of the meeting

Milovan Bojić

Director of Institute for Cardiovascular Diseases-Dedinje

Danica Grujičić

Minister of Health of the Republic of Serbia

Jelena Jankovic

Assistant of Minister of Health

Jelena Begović

Minister of Science of the Republic of Serbia

Lazar Davidović

Dean of Faculty of Medicine University of Belgrade, Serbia

Vladimir Jakovljević

Dean of Faculty of Medicine University of Kragujevac, Serbia

Ilija Brčeski

Representative of European Academy of Science and Arts

Biljana Penčić

President of Serbian Autonomic Society

Nebojša Tasić

Professor, President of HISPA

Nina Japundzic-Zigon

Professor, President of Serbian Working Group of Basic Neurocardiology

Dmitry Duplyakov

Professor, University of Samara

Russian Society for Noninvasive Electrocardiology, ROHMINE.

Bassim Irheim Muhammad,
Professor, Al Qadisiyah, Iraq
Dean College of Pharmacy, University of Al Qadisiyah

Niraj Varma
Professor, Past president of ISHNE, Member of ISHNE board, USA

Emanuela Locati
Milan, Italy
Member of ISHNE board

Suave Lobodzinski
Professor, UCLA University, USA
Member of ISHNE board

Katarina Grujić
Professor, Norway

David Murphy
Professor, University of Bristol, UK

Harald M. Stauss
Professor, Burrell College, Las Cruces, USA

Goran Krstačić
Professor, Director Institute for preventive and rehabilitation, Zagreb, Croatia

Zumreta Kušljugić
Professor, President of Society of Cardiologists of BiH

Elnur Smajić
Professor, Director of University Cardiology Clinic Tuzla, BiH

Silva Butkovic Soldo
Professor, University of Osijek, Croatia

Duška Glavaš
Professor, University of Split, Croatia
Head of Coronary Care Unit, University Cardiology Clinic

May 26th

**JOINT SESSION
NEUROCARD
-INTERNATIONAL BASIC NEUROCARDIOLOGY GROUP**

09:45-11:10 Basic Neurocardiology, Session I

Chairs: Nina Japundzic-Zigon (Belgrade, Serbia), Harald Stauss (Iowa City)

09:45-10:15 “Potential Use of Non-invasive Neuromodulation in Patients with Cardiovascular, Metabolic, and Chronic Inflammatory Diseases”

Harald M. Stauss, (Iowa City, USA)

10:15-10:35 Cardiac safety of anthracyclines: future perspectives Apelin/APJ system: a novel therapeutic target for doxorubicin-induced cardiomyopathy?

Marija Kosić, Vladislav Pajović, Bojana Stevanovic, Nina Japundžić-Žigon, (Belgrade, Serbia)

10:35-10:55 Thymoquinone in cardiovascular diseases : a single molecule for multiple targets

Najah R. Hadi (Najaf, Iraq), Bassim I Mohammad, (Al Qadisiyah, Iraq)

11:00-12:30 NEW ADVANCES IN CARDIOVASCULAR DIAGNOSTICS

Chairs: Suave Lobodzinski (USA), Katarina Grujić (Norway)

11:00- 11:30 A New Frontier for SaMD Software as Medical Devices: AI-Enhanced ECG Algorithm for Pulmonary Hypertension

Suave Lobodzinski, (USA)

11:30-12:00 Enabling federated, decentralized clinical trials: possibilities and pitfalls of artificial intelligence-powered digital health technologies"

Katarina Grujić, (Norway)

12:00-12:15 Telemonitoring in patients with long term ventricular assist device

Dragana Košević, Saša Borović, Jelena Lešanović, (Belgrade, Serbia)

12:15-12:30 Spinal central pattern generator implemented as memristive spiking neural network

Max Talanov, (Novi Sad, Serbia)

12:30-13:00 Coffee break

**JOINT SESSION
NEUROCARD
ISHNE**

International Society for Holter and noninvasive electrocardiology

13:00-14:00

Branislav Milovanovic (Belgrade,Serbia),Emanuela Locaty (Milan,Italy),
Suave Lobodzinski (USA)

13:00-13:20 The autonomic dysfunction in early phase of Covid-19 infection

Branislav Milovanovic,(Belgrade,Serbia)

13:20-13:40 Holter monitoring and risk stratification of sudden cardiac death: Towards a personalized medicine

Emanuela Locati,(Milan,Italy)

13:40-14:00 Transforming ECG Interpretation: The Advantages of AI Over Traditional Methods

Suave Lobodzinski,(USA)

14.00-15 00 LUNCH

**JOINT SESSION
NEUROCARD
EMEA**

European Myalgic Encephalomyelitis Alliance

**15:00-16:30 Myalgic encefalomyelitis.Chronic fatigue syndrome, ME/CFS,
Long Kovid Syndrome**

Branislav Milovanovic (Belgrade,Serbia),Ola Didrik Saugstadt (Norway),
Katarina Grujić (Norway)

15:00-15:30 Post-Covid and Chronic fatigue syndrome-same disease or not?

Branislav Milovanovic,(Belgrade,Serbia)

15:30-16:00 Specialized care for severely ill ME/CFS patients in Norway

Ola Didrik Saugstad,(Norway)

16:00-16:30 Real-world data: preliminary results of adapted autonomic profile home-based testing for the evaluation of neuro-cardiovascular autonomic dysfunction"

Katarina Grujic,(Norway)

**JOINT SESSION
NEUROCARD**

**ROHMINE-RUSSIAN SOCIETY FOR NONINVASIVE ELECTROCARDIOLOGY
RUSSIAN NATIONAL CENTER FOR RESEARCH OF CARDIOLOGY**

16:30-17:15 Syncope

Chairs: Branislav Milovanović(Belgrade,Serbia), Dmitry Duplyakov (Samara,Russia)

16:30-16:45 Syncope in non massive pulmonary embolism as a predictor of high risk mortality

E. A. Kurakina 1,D Duplyakov,(Samara,Rusia)

16:45-17:00 Exercise stress test in patients with suspected vasovagal syncope.twenty years of clinical

E.A.Kuchinskaya, A.V.Pevzner, G.I. Kheimets,(Moscow,Russia) **on line**

17:00-17:15 Genetic investigation of patients with vasovagal syncope.

E.Bazyleva, N.Matveeva, B.Titov, E.Kuchinskaya, A.Pevzner, O.Favorova ,(Moscow,Russia)

on line

**JOINT SESSION
NEUROCARD
UNIVERSITY OF OSIJEK-NEUROLOGY CLINIC-CROATIA**

17:15-18:15 The Rare Diseases-Multidisciplinary Aspects
Chairs: Sanja Pavlovic (Belgrade, Serbia), Silva Butkovic Soldo,
Sanja Milenkovic(Belgrade,Serbia)

17:15-17:35 Morbus Fabry
Silva Butkovic Soldo,(Osijek,Croatia)

17:35-17:55 Primary mitochondrial diseases
Sanja Pavlovic,(Belgrade, Serbia)

17:55-18:15 Mitochondrial diseases:Muscle biopsy “pros et contras“
Sanja Milenković,(Belgrade,Serbia)

May 27th

**JOINT SESSION
NEUROCARD
INTERNATIONAL BASIC NEUROCARDIOLOGY GROUP**

09:00-10:10 Basic Neurocardiology,Session II
Chairs:Vladimir Jakovljević(Kragujevac,Serbia),David Murphy (Bristol,UK)Bassim I
Mohammad (Al Qadisiyah,Iraq)

09:00-09:30 GLP1R attenuates sympathetic response to high glucose via carotid body inhibition
David Murphy,(Bristol,UK)

09:30-09:50 The role of NMDA receptors in cardiac function:focus on redox homeostasis
Vladimir Jakovljević,Dragan Djurić,Vladimir Živković,ivan Srejić,(Kragujevac,Serbia)

09:50-10:10 Pharmacogenomics of B blockers: A Tool of Precision Medicine to Improve the Treatment Outcome
Bassim I Mohammad1,Najah R. Hadi,(Najaf, Iraq)

**JOINT SESSION
NEUROCARD
CLIVLEND CLINIC
INSTITUTE FOR CARDIOVASCULAR DISEASES-DEDINJE
RUSSIAN NATIONAL RESEARCH CENTER OF CARDIOLOGY**

10:15-11:25 Invasive Electrophysiology Session I

Chairs: Niraj Varma(Clivlend,USA),Ivan Cakulev (Clivlend,USA),
Milosav Tomovic (Belgrade,Serbia),Velibor Ristić(Belgrade,Serbia)

10:15-10:45 “ Does cardiac contractility modulation work through autonomic modulation?
Niraj Varma,(Clivlend,USA)

10:45-11:05 Syncope and closed loop stimulation
Milosav Tomovic,(Belgrade,Serbia)

**11:05-11:25 Clinical results of pulmonary vein isolation combined with left atrial posterior
wall isolation using cryoballoon in patients with persistent atrial fibrillation**

Kirilova V.S., Aparina O.P., Mironov N.Yu., Stukalova O.V., Novikov P.S., Maykov E.B.
Petr Novikov,(Moscow,Russia) **on line**

11:30-12:00 Coffee break

**JOINT SESSION
NEUROCARD
CLIVLEND CLINIC
INSTITUTE FOR CARDIOVASCULAR DISEASES-DEDINJE
RUSSIAN NATIONAL RESEARCH CENTER OF CARDIOLOGY**

12:00-13:15 Invasive Electrophysiology Session II

Chairs: Niraj Varma(Clivlend,USA),Ivan Cakulev (Clivlend,USA),
Dejan Kojic(Belgrade,Serbia),Dejan Vukajlović(Belgrade,Serbia),

12:00-12:30 BeatHf - Lessons Learned.
Ivan Cakulev,(Clivlend,USA)

12:30-12:50 Prevention of sudden cardiac death
Velibor Ristić,(Belgrade,Serbia)

12:50-13:10 Cardiac neuroablation
Dejan Kojic,(Belgrade,Serbia)

**13:10-13:25 Seven years succes of pulmonary vein
RF ablation and predictors associated with arrhythmia recurrence**
Ruzica Jurcevic,(Belgrade,Serbia)

**JOINT SESSION
NEUROCARD**

**HISPA-HYPERTENSION,INFARCTION,STROKE,PREVENTION
INSTITUTE FOR PREVENTIVE AND REHABILITATION ZAGREB CROATIA
INTERNATIONAL CONFERENCE ON PREHYPERTENSION,HYPERTENSION AND
CARDIO METABOLIC SYNDROME
BRUNER INSTITUTE FOR CARDIOVASCULAR RESEARCH,TEL AVIV,ISRAEL**

13:25-14:25 Prevention and sudden death risk stratification

Chairs: Nebojša Tasić(Belgrade,Serbia),Miodrag Ostojic (Belgrade (Serbia),Goran Krstacic
(Zagreb,Croatia),Reuven Zimlichman (Izrael),

13:25- 13:45 Cardiovascular prevention in 21st century:do we change the game?
Nebojša Tasic,(Belgrade,Serbia)

13:45-14:05 Preventative medicine in cardiovascular disease
Goran Krstacic,(Zagreb,Croatia)

14:05-14:25 Myocardial revascularization: what have we learned so far?
Miodrag Ostojic,(Belgrade,Serbia,banja Luka BiH)

14:30-15:30 Lunch

**JOINT SESSION
NEUROCARD
ASSOCIATION OF CARDIOLOGISTS IN BOSNIA AND HERZEGOVINA
UNIVERSITY CARDIOLOGY CLINIC SPLIT-CROATIA**

15:30-17:00 Noninvasive Cardiology and Neurocardiology, Session II

Petar Otašević (Belgrade, Serbia), Aleksandra Nikolic (Belgrade, Serbia), Zumreta Kušljugić (Tuzla, BiH), Elnur Smajić (Tuzla, BiH), Duška Glavas (Split, Croatia)

15:30-15:45 PCSK 9 inhibitors: new dawn in the treatment of hyperlipidemia?

Petar Otašević, (Belgrade, Serbia)

15:45-16:00 The importance of familial hypercholesterolemia in atherosclerotic heart disease

Zumreta Kušljugić, (Tuzla, BiH)

16:00-16:15 Heart – brain interaction: focus on atrial fibrillation

Elnur Smajić, (Tuzla, BiH)

16:15-16:30 Should ezetimibe be added to statins in patients with LDL-C above target values

Ivana Petrovic, (Belgrade, Serbia)

16:30-16:45 The most common peripheral nerve injuries on the extremities after transfemoral and transradial percutaneous catheterization

Antonija Krstacic, (Osijek, Zagreb, Croatia)

16:45-17:00 The association between cerebral and peripheral microcirculation abnormalities

Sekib Sokolovic, (Sarajevo, BiH)

17:00-19:00 The visit of Institute for Cardiovascular Diseases- Dedinje

E/posters

1.Key points on neuroprotection in diabetes mellitus

Pavel Zamyshlyaev,(Saransk,Russia)

2.Information technology and cybernetic approaches to assessment of heart rate variability

Pavel Zamyshlyaev,(Saransk,Russia)

3.A prospective randomized study comparing the efficacy and safety of refralon and amiodarone in the cardioversion of paroxysms of atrial fibrillation and flutter

Gagloeva D.A., Dzaurova K.M., Mironov N.Y., Yuricheva Y.A., Vlodyanovsky V.V., Maykov E.B., Sokolov S.F., Golitsyn S.P. (Moscow,Russia)

4.Heart-brain symbiosis: Bacterial meningoenephalitis and infective endocarditis as a result of non-treated tooth infection

Ajla Altumbabić 1 , Dževdet Smajlović 1 , Mediha Selesković 2

1. University Clinical Center Tuzla, Clinic of neurology, Tuzla, Bosnia and Herzegovina

2. University Clinical Center Tuzla, Clinic for cardiovascular surgery, Tuzla, Bosnia and Herzegovina