

Mutvārdu ziņojumu programma KARDIOLOĢIJĀ RSU Zinātnes nedēļas ietvaros 24. – 26.martā 2021.gadā.

Room: Omega

Session I 24.03.2021.

Moderators: Prof. Aivars Lejnietis, Prof. Maija Dambrova

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| 12:00– 12:30 | #652 | Long-chain acylcarnitines: from mitochondrial metabolism to clinical applications | <u>Edgars Liepiņš</u> , Maija Dambrova, Latvia |
| 12:30– 12:50 | #539 | Targeting mitochondrial bioenergetics as a therapeutic strategy for cardiopulmonary complications related to COVID-19 | Reinis Vilšķersts, Dana Kigitoviča, Stanislava Korzh, Melita Vidējā, Kārlis Vilks, Marina Makrečka-Kūka, Edgars Liepiņš, Andris Skride, Maija Dambrova, Latvia |
| 12:50– 13:10 | #929 | Precipitating Risk Factors, Clinical Presentation, and Outcome of Diabetic Ketoacidosis | Ilze Konrāde, Sabīne Upmale-Engela, Justīne Brūvere-Kaupe, Inga Orleāne, Latvia |
| 13:10– 13:20 | #686 | Metformin decreases the plasma concentration of pro-atherogenic metabolite trimethylamine N-oxide in an experimental model of type 2 diabetes | Melita Vidējā, Jānis Kūka, Marina Makrečka-Kūka, Jānis Liepiņš, Solveiga Grīnberga, Eduards Sevostjanovs, Kārlis Vilks, Edgars Liepiņš, Maija Dambrova, Latvia |
| 13:20– 13:30 | | Q & A session | |

Break and poster viewing

Session II

Moderators: Prof. Maija Dambrova, Assoc.Prof. Ilze Konrāde

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| 14:00– 14:20 | #1077 | The human gut microbiome as a prediction tool for personalized T2D therapy | Ilze Elbere, Ivars Silamiķelis, Ilze Izabella Dindune, Monta Ustinova, Laila Silamiķele, Ilze Konrāde, Valdis Pīrāgs, Jānis Kloviņš, Latvia |
| 14:20– 14:40 | #809 | The pathogenic role of Th17 cell pathway in autoimmune thyroid diseases | Tatjana Zaķe, Ieva Kalere, Sabīne Upmale-Engela, Gita Gersone, Andrejs Šķesters, Valērija Groma, Ilze Konrāde, Latvia |
| 14:40– 14:50 | #667 | Potential Factors for Predicting Thyroid Malignancy in Cases of BSRTC III and IV Nodules | Pāvils Plūme, Artūrs Ozoliņš, Zenons Narbutis, Rita Ničiporuka, Jānis Gardovskis, Latvia |
| 14:50– 15:00 | #544 | Landscape of circulating miRNAs in plasma from bilateral inferior petrosal sinus sampling of corticotroph pituitary neuroendocrine tumor | Helvijs Niedra, Raitis Pečulis, Ilze Konrāde, Inga Balcere, Mihails Romanovs, Līva Šteina, Janis Stučkēns, Jeļizaveta Sokolovska, Jānis Kloviņš, Vita Rovīte, Latvia |
| 15:00– 15:10 | #679 | Adrenal surgery: single center 10+10 years experience | Rita Ničiporuka, Artūrs Ozoliņš, Zenons Narbutis, Jānis Gardovskis, Latvia |
| 15:10– 15:30 | | Q & A session | |

Room: Omega**Session I 25.03.2021.**

Moderators: Asst. Prof. Ainārs Rudzītis, Prof. Oskars Kalējs

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| 10:00–10:15 | #1004 | Ten-year experience of percutaneous transcatheter left atrial appendage occlusion (LAAO), procedural success and safety. Data from Latvian Centre of Cardiology (LCC) during 2010–2020 | Santa Strazdiņa, Ainārs Rudzītis, Irina Cgojeva-Sproģe, Aļona Grāve, Andrejs Ērglis, Latvia |
| 10:15–10:30 | #233 | Right ventricular myocardial infarction: it's incidence, clinical, laboratory, ECG and ECHO characteristics | Irena Kurcalte, Sini-Tuulia Kilpeläinen, Artis Kalnins, Oskars Kalejs, Aivars Lejnieks |
| 10:30–10:45 | #826 | Performance of the American Heart Association 14 point evaluation versus electrocardiography for the cardiovascular screening of university's volleyball teams players in Latvia | Toms Jānis-Eglītis, Kalvis Kaļva, Sofija Ļebedeva, Anna Zuša, Baiba Norīte-Lapsiņa, Andris Vāvere, Jānis Žīdens, Oskars Kalējs, Latvia |
| 10:45–11:00 | #744 | Patient adherence to antihypertensive medications during arterial hypertension therapy | Dmitrijs Kustovs, Inga Urtāne, Kārlis Trušinskis, Latvia |
| 11:00–11:15 | #1120 | The effectiveness of out-of-hospital resuscitation and the factors influencing it | Anita Ābula, Aija Mača, Oskars Kalējs, Latvia |
| 11:15–11:30 | #1122 | Changes in heart rate, blood pressure and O ₂ content of masters basketball player during training and competition | Mairita Bumbure, Andris Vāvere, Andris Rudzītis, Oskars Kalējs, Latvia |

Session II

Moderators: Asst. Prof. Andris Skride, Prof. Oskars Kalējs

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| 12:00–12:15 | #383 | Hemodynamic and demographic characteristics of potential patients to undergo Balloon Pulmonary Angioplasty at Pauls Stradiņš Clinical University Hospital | Verners Roberts Kalējs, Ainārs Rudzītis, Aivars Lejnieks, Matīss Šablinskis, Kristaps Šablinskis, Dana Kigitoviča, Ričards Kauliņš, Andris Skride, Barbara Vītola, Latvia |
| 12:15–12:30 | #1118 | Cardiac damage in patients with pulmonary and lymph nodes sarcoidosis | Ignė Strazdienė, Gintarė Martinkutė, Eglė Ereminienė, Lithuania |
| 12:30–12:45 | #830 | One clinical center experience of outcome in patients with acute pulmonary embolism in 2018 | Viktorija Pavlovska, Zane Liepiņa, Aldis Strēlnieks, Latvia |
| 12:45–13:00 | #768 | Meldonium improves functioning of the right ventricle and mitochondrial bioenergetics in experimental model of pulmonary hypertension | Dana Kigitoviča, Stanislava Korzh, Melita Vidējā, Kārlis Vilks, Marina Makrecka-Kūka, Edgars Liepiņš, Andris Skride, Maija Dambrova, Reinis Vilšķersts, Latvia |

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| 13:00– 13:15 | #868 | Inotropic Function of Myocardium In Patients With Persistent Form Of Atrial Fibrillation Receiving Antiarrhythmic drugs Class Ic | Emma Sokolova, Aldis Strēlnieks, Baiba Kokina, Ainārs Rudzītis, Aivars Lejnieks, Oskars Kalējs, Latvia |
| 13:15– 13:30 | #683 | Significance of genetic testing in personalized approach of dilated cardiomyopathy. A case report | Irina Rudaka, Gita Tauriņa, Viktorija Skuja, Linda Gailīte, Latvia |
| 13:30– 13:45 | #605 | Satisfactory outcome of the complicated STABILISE technique for type B aortic dissection – a one year follow up. | Artūrs Ligers, Aina Kratovska, Veronika Zaiceva, Vitālijs Zvirgzdiņš, Patrīcija Ivanova |
| 13:45– 14:00 | | Q&A | |

Session III

Moderators: Asst. Prof. Kristīne Jubele, Prof. Aras Puodžiukynas, Prof. Oskars Kalējs

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| 14:30– 14:45 | #983 | The most serious complication of cardiac implantable electronic devices: two-decade experience | Nikolajs Nesterovics, Georgijs Nesterovics, Liga Vidusa, Maris Blumbergs, Janis Ansabergs, Oskars Kalējs |
| 14:45– 15:00 | #320 | Incidence Of Blood Culture Negative Infective Endocarditis In Patients Undergoing Cardiac Surgery | Kristiāns Meidrops, Arina Žuravļova, Janis Davis Osipovs, Martins Kalejs, Valērija Groma, Eva Petrosina, Aigars Reinis, Eva Strike, Pēteris Stradiņš |
| 15:00– 15:15 | #1059 | Indirect antiarrhythmic effects of renin-angiotensin-aldosterone system inhibition for arrhythmia recurrence prevention after electrical cardioversion for persistent atrial fibrillation | Aldis Strēlnieks, Baiba Kokina, Kristīne Jubele, Irina Pupkeviča, Irina Rudaka, Ginta Kamzola, Oskars Kalējs, Aivars Lejnieks, Lithuania |
| 15:15– 15:30 | #681 | Morphology of electrocardiogram P wave in correlation with pulmonary vein orientation in the left atrium in computed tomography | Ligita Zvaigzne, Viktorija Verhovceva, Ketija Apsīte, Anna Labuce, Kristīne Jubele, Oskars Kalējs, Latvia |
| 15:30– 15:45 | #803 | AFibDI – Atrial Fibrillation Diurnal Index. The index for risk assessment derived from twenty-four hours Holter monitoring | Irena Kurcalte, Oskars Kalējs, Aivars Lejnieks, Latvia |
| 15:45– 16:00 | | Q & A | |

The conference is held under the auspices of the Latvian Society of Hypertension and Atherosclerosis



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Room: Omega

Session I 26.03.2021.

Moderators: Assoc. Prof. Kārlis Trušinskis, Prof. Pēteris Stradiņš

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|-----------------|---|--------------------------------|
| 10:30– 11:00 | Clonal hematopoiesis of indeterminate potential and its cardiovascular consequences | Linda Gailīte, Latvia |
| 11:00– 11:30 | Virtual coronary intervention in multifocal coronary artery disease | Deniss Vasiljevs, Latvia |
| 11:30– 12:00 | Global longitudinal and segmental strain in patients with CAD | Artem Kalinin, Latvia |

Break and poster viewing

Session II

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|-----------------|---|----------------------------------|
| 13:00– 13:30 | Coronary artery bypass grafting in younger patient population vs elderly. From scientific to practical considerations | Pēteris Stradiņš, Latvia |
| 13:30– 14:00 | Interplay between aortic valve pathology and dilated ascending aorta. Is it a chicken and egg situation? | Ivars Brečs, Latvia |
| 14:00– 14:30 | Infective endocarditis: should we revise Duke criteria? | Kristiāns Meidrops, Latvia |
| 14:30– 15:00 | Impact of acute coronary syndrome misdiagnosis on postoperative bleeding in patients with type A aortic dissection | Gvido Jānis Bergs, Latvia |