



Medicine & Health Care

SESSION I: INTERNAL MEDICINE. Cardiology, Pulmonology

Oral presentations

Poster presentations

- 1.** **Statistic Review of Patients with Cardiologic Events Who Are Using Anticoagulants – Total Amount of Daily Used Drugs and within Those the Number of Drugs that can Interact with Anticoagulant**

Authors: Estere Urbančika, Linda Kalniņa

- Electrophysiological Characteristics and Efficacy of Radiofrequency Catheter Ablation in Patients with Wolff-Parkinson-White Phenomenon and Syndrom**

Author: Polina Ofrosimova

- 2.** **Association of PITX2 Genetic Variant Rs2200733 and Recurrence of Atrial Fibrillation after Successful Current Cardioversion**

Authors: Arturs Uzars, Irina Rudaka, Dmitrijs Rots, Jelena Strelca

- Diagnostic Role of Echocardiography in Pulmonary Hypertension**

Author: Evita Virdziniece

- 3.** **Adherence to Pharmacotherapy in Patients 6 Months after Acute Coronary Syndrom**

Authors: Elizabete Tērauda, Alberts Bērziņš, Klinta Gritāne

- Clinical Outcomes of Coronary Artery Disease Patients 6 Months after Acute Coronary Syndrom**

Authors: Elizabete Tērauda, Alberts Bērziņš, Klinta Gritāne

SESSION II: INTERNAL MEDICINE. Gastroenterology, Endocrinology, Nephrology, Haematology, Rheumatology

- 1.** **Evaluation of Digestive Disorders and Contributing Factors for Rīga Stradiņš University Students from the Faculty of Medicine and Other Faculties**

Authors: Māra Mežvēvere, Marta Jasa

- Significant Gender-Related Variability of Main Lymphocyte Subsets in Pediatric Patients**

Author: Linda Kundziņa

- 2.** **Emotional State According to the WHO-5 Questionnaire in Women with Type 1 Diabetes and Its Influencing Factors**

Authors: Ieva Čiučiulkaitē, Emilē Meškelevičiūtē

- An Assessment of Cardiovascular Risk Factor Prevalence in Individuals With and Without Type 2 Diabetes**

Authors: Renāte Dresmane, Dārta Paula Sveisberga, Marta Mikulova, Renāte Tuzika

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- 3. The Use of Antibacterial Therapy in Inflammatory Bowel Diseases: Six Year Analysis of Two Largest Hospitals in Latvia**

Authors: Helēna Dauvarte, Elīna Vašuka, Lauma Dobelniece, Dr. Poļina Zajizko

- Melatonin Secretion in Type 2 Diabetes Mellitus**

Author: Līva Šteina

SESSION III: SURGERY, ONCOLOGY

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- 1. Comparison Between Radical Nephrectomy and Nephron Sparing Surgery over All Stages: Oncological, Functional and Surgical Outcome Analysis**

Author: Alexander Pycha

- Tumor Infiltrating-Lymphocytes Impact on Median Survival in Patients with Unresectable Non-Small-Cell Lung Cancer**

Authors: Sigita Hasnere, Agita Jukna

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- 2. The Khorana Risk Assessment Score for Predicting Pulmonary Embolism among Advanced Lung Cancer Inpatients Treated with Chemotherapy**

Authors: Austėja Dapkevičiūtė, Aurelija Daškevičiūtė

- Efficient Production of Oncolytic Semliki Forest Virus Vectors for Cancer Therapy**

Author: Olga Trofimova

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- 3. Assessment of Parathyroid Malignancy Risk Using Marker Developed from Preoperative Serum Calcium and Parathormone Levels in Primary Hyperparathyroidism**

Authors: Tomass Liepiņš, Lauma Putniņa

- Survival Predictors in Patients with Hepatocellular Carcinoma Undergoing Transarterial Chemoembolisation**

Authors: Gustavs Laurāns, Ilga Baumannē

SESSION IV: MORPHOLOGY, GENETICS

Oral presentations

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- 1. Detection of Allergic Variants of the POLE and POLD1 Genes in Colorectal Cancer Patients**

Author: Lukas Alexander Pätzold

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- 2. Inflammatory Cells in Lung Cancer Tissues by Histological Type and Compartment**

Author: Ieva Pikse

Poster presentations

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- Chromosomal Aberration in Colorectal Cancer Family**

Author: Mikko Kupila

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- The Comparative Study of Recurrent and Non-Recurrent Types of Skin Basal Cell Carcinoma**

Authors: Jūlija Golovačova, Romāns Žukovs

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- 3. Neutrophil-to-Lymphocyte and Platelet-to-Lymphocyte Ratios as Biomarkers of Colorectal Cancer Spread and Invasion** **Morphologic Characteristics of Varicose Veins after Different Ablation Techniques**
- Authors:** Fanija Čukure, Sandra Cipkina, Roberts Rumba **Author:** Dmitrijs Bodrovs
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SESSION V: INFECTIOUS DISEASES, DERMATOVENEROLOGY, MICROBIOLOGY, IMMUNOLOGY / ALLERGOLOGY

Oral presentations

Poster presentations

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| <p>1. Bacterial Adhesion and Colonisation Intensity on Porous TiO₂ Ceramic Biomaterials</p> <p>Authors: Lana Mičko, Daiga Marnauza</p> | <p><i>Babesia Canis</i> Molecular Detection and Distribution Change Analysis in <i>Dermacentor Reticulatus</i> and <i>Ixodes Spp.</i> Ticks Collected from Domestic Dogs in Latvia</p> <p>Author: Rūdolfs Krūmiņš</p> |
| <p>2. Assessing Prevalence of Antibiotic Treatments in Slovenian Long-Term Care Facilities</p> <p>Authors: Dora Stepan, Lea Ušaj</p> | <p>Influenza Vaccination Coverage and Reasons for Vaccination/Non-Vaccination among Estonian Nursing Students</p> <p>Authors: Ingel Ilves, Deisi Pütsepp</p> |
| <p>3. The Bacteriological Contamination of Peripheral Intravenous Catheters in Cardiologic Department</p> <p>Authors: Veronika Baltmane, Ivars Veckalns</p> | <p><i>In Vitro</i> Study of Antibacterial Efficiency Of TiO₂Ceramics with Chlorhexidine against <i>S. Epidermidis</i> and <i>P. Aeruginosa</i></p> <p>Authors: Vadims Jevgraškins, Armands Baltušs, Kristine Oboruna</p> |
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SESSION VI: PSYCHIATRY, PSYCHOTHERAPY / PSYCHOSOMATICS, NEUROLOGY, REHABILITOLOGY

Oral presentations

Poster presentations

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| <p>1. The Usability Of "Cubies" – the Interactive Educational Toy</p> <p>Authors: Vineta Viktorija Vinogradova, Mairita Buklagina, Marta Zāle-Zālīte, Marta Samma, Renāte Kangsepa, Ieva Balode, Sabīne Mikulāne, Viktorija Osipenko, Saimat Lachinova</p> | <p>Alexithymia and Trait Anxiety Levels in Patients with Premature Coronary Artery Disease Documented by Coronary Angiography</p> <p>Authors: Valdis Ģībietis, Romāns Žukovs, Laura Dreijere</p> |
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| <p>2. Content Analysis of Outcome Measures Applied to Younger School-Age Children with Cerebral Palsy</p> <p>Author: Līga Savicka</p> | <p>Interleukin-1 Beta Overexpression in Hippocampus is Associated with Development of Memory Disorders after Mild Traumatic Brain Injury</p> <p>Authors: Ilze Jakovjeva, Baiba Zvejniece</p> |
| <p>3. Emotional Challenges for Staff in Cases of Stillbirth</p> <p>Authors: Arta Kočāne, Marija Jurčenko, Madara Kurpniece, Laura Dreijere</p> | <p>Suicide Risk among Paranoid Schizophrenia Patients with Depression</p> <p>Authors: Alise Maksimova-Agafonova, Alina Kuzņecova</p> |
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SESSION VII: PUBLIC HEALTH, OCCUPATIONAL MEDICINE, NUTRITIONAL SCIENCE, SPORTS MEDICINE

Oral presentations

Poster presentations

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| <p>1. Parental Attitudes towards Children's Vaccination in Latvia</p> <p>Author: Denija Piešiņa</p> | <p>Trace Elements in Human Milk among Lactating Women in Latvia</p> <p>Authors: Līva Aumeistere, Konstantīns Bavrins</p> |
| <p>2. Comparison of Men's Self Evaluated Level of Knowledge of Contraception with the Actual One</p> <p>Authors: Laura Dreijere, Gita Jansone, Līga Gabrāne</p> | <p>Patient Enablement in General Practice in Latvia: A Pilot Study</p> <p>Author: Elīna Millere</p> |
| <p>3. Health Problems Related to Air Travel and Going on Holiday or/and Cultural Vacation</p> <p>Authors: Kätlin Kindsiko, Grete Must</p> | <p>Prevalence of Depression Symptoms among Computer Science Professionals</p> <p>Author: Madara Čauna</p> |
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SESSION VIII: PAEDIATRICS, GYNAECOLOGY, OBSTETRICS

Oral presentations

Poster presentations

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| <p>1. Intrapartum Ultrasound to Predict Vaginal Labor – A Prospective Cohort Study</p> <p>Author: Helene Ingeberg</p> | <p>Infection as the Cause of Perinatal Mortality in Latvia 2013–2015</p> <p>Authors: Liene Rucka, Santa Smilga, Agnese Anna Jaunākā</p> |
| <p>2. Overweight – a Temporary or a Long-Term Post-Treatment Complication of Acute Lymphoblastic Leukemia?</p> | <p>Placental Histopathological Changes in Association with Pregnancy Induced Hypertension</p> |
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Authors: Jakub Dobroch, Klaudia Ciesluk, Marta Gawecka

Authors: Maija Koka, Marija Kolosova, Anita Ungure

3. Factors Influencing Sexual Function in Women with Type 1 Diabetes

Authors: Emilē Meškelevičiūtē, Ieva Čiučiulkaitē

Risk Score of Post-Partum Diabetes in Women with Gestational Diabetes Mellitus: The Prospective Study with 15-Years Follow-up Programme

Author: Anna Kornete

SESSION IX: OTORHINOLARYNGOLOGY, ORAL CAVITY PATHOLOGY, OPHTHALMOLOGY

Oral presentations

Poster presentations

1. Otolaryngological Symptoms in Patients with Rheumatic Diseases

Authors: Aleksandra Borovika, Jūlija Ivanova

Conformity of Subjective and Objective Visual Acuity Results in Case of Cataract Surgery

Authors: Vita Lāčplēse, Marta Jasa, Elizabete Salmāne-Šapale, Rita Partojeva

2. Apical Root Resorption of Upper Incisors during Orthodontic Treatment in Class III Orthognathic Surgery Patients – Cone Beam Computertomography Study

Author: Ieva Gavare

Feeding Disorders in Children with Orofacial Clefts

Authors: Arina Tupīte, Jana Protasa, Liāna Džavadova, Artjoms Tupīts

3. Effect of Antihypertensive Therapy on Dry Eye Disease

Author: Ieva Priedniece

Patient Profile and Complications in Pediatric Cochlear Implantation

Author: Anda Arbidāne

SESSION X: ANAESTHESIOLOGY / REANIMATOLOGY / EMERGENCY MEDICINE, TRAUMATOLOGY / ORTHOPAEDICS, RADIOLOGY

Oral presentations

Poster presentations

1. Value of Statistical Shape Modeling and Radiological Parameters for the Assessment of Hip Joint Morphological Abnormalities

Author: Andris Džeriņš

Knee Osteoarthritis Treatment Using Platelet Rich Plasma Mix with Hyaluronic Acid: 6-Month Follow-up

Author: Kristaps Blūms

2. Clinical Characteristics and Wells Criteria in Diagnosis of Pulmonary Embolism

Comparison between Whole-Body MRI and PET/CT in Pediatric Oncology

Authors: Bruno Sousa Dos Santos, Maya Wielert, Ieva Krieva, Sandra Seimane, Aleksejs Višņakovs

Author: Anastasija Trofimoviča

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- 3. Quality of Life Evaluation in Patients Receiving Surgical Treatment for Rotator Cuff Tears: Arthroscopic versus Open Repair**

Author: Andris Levis

Late Radiological Outcomes after Arthroscopically Assisted and Traditional Surgical Treatment of Complete Articular Distal Radius Fractures

Authors: Kristīne Šitca, Gustavs Laurāns

SESSION XI: PHYSIOLOGY, BIOCHEMISTRY, PHARMACOLOGY

- 1. Cytotoxic Activity of Betulinic Acid and Its Derivatives Against Rare Cancers**

Authors: Melita Vidējā, Petra Sismova

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- 2. Production and Characterization of Betulinic Acid Microcapsules for Drug Delivery**

Author: Anete Mūrniece

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- 3. New Stabilized Magnetite Nanoparticles and Their Use in the Treatment of Acute Blood Loss**

Authors: Aleksandr Semaka, Hanna Tsurkan, Yevhen Mokliak

SESSION XII: CASE REPORTS, SMALL CASE SERIES

- 1. Management Of Primary Malignant Melanoma Of Uterine Cervix With Radical Surgery And Adjuvant Oncolytic Adapted Echo-7 Virus Immunotherapy**

Author: Elizabete Pumpure

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- 2. Chickenpox Complications: Is Chickenpox Really Such an Innocent Disease?**

Authors: Anija Meiere, Dairis Meiers

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- 3. Herlyn-Werner-Wunderlich Syndrome**

Authors: Juliana Andreičik, Dainius Wojczulis

Social Sciences

ECONOMICS

- 1. Company's "Amoralle" Competitive Advantage**

Author: Baiba Ozoliņa

- 2. Founding and Managing Successful Start-ups: Need for Higher Education**

Author: Ketija Grēta Sabule

- 3. Aspects of Higher Education Marketing in Latvia**

Author: Marija Rācene

COMMUNICATION

- 1. Representation Analysis of Asylum Seekers in Daily Newspapers "Latvijas Avīze" and "Vesti Segodnya" in November 2015**

Author: Renāte Šnore

- 2. Understanding of Public Relations and Their Role in Business among the Latvian Businessmen**

Author: Irēna Zeiza

- 3. Creation of Myths by Means of Media**

Author: Kateryna Ganus

POLITICAL SCIENCE, INTERNATIONAL RELATIONS

- 1. The Difficulties of Employment in the Terms of Politically Unstable Society**

Author: Viktoria Kalashnikova

- 2. Terror Attacks in NATO Member States: The Consequences on the Institutional Development of NATO Collective Defence Organization in 2015**

Author: Lora Egle

- 3. Interaction of International Terrorism and Mass Media**
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Author: Kateryna Ganus
