



Medicine and Health care

SESSION I: INTERNAL MEDICINE

	Oral presentations	Poster presentations
1.	<p>PKP2 Genetic Variations in Latvian Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy (ARVD) Registry Patients</p> <p>Authors: Luīze Bidiņa, Emma Sokolova, Mihails Pavlovičs, Kaspars Kupics, Zane Šteinberga Supervisors: Prof. Oskars Kalējs, MD, PhD Linda Piekuse</p>	<p>Pharmacokinetics of Metformin in 21 Healthy Participant after 500 mg Single Oral Dose Administration</p> <p>Authors: Dainis Kalnačs, Linda Zaharenko, Ilze Konrāde, Aivars Lejnieks, Valdis Pīrāgs, Dace Hartmane, Solveiga Grīnberga, Osvalds Pugovičs, Jānis Kloviņš</p>
2.	<p>The Correlation between Pulmonary Embolism Early Mortality Risk and Atrial Fibrillation Risks</p> <p>Authors: Dace Danberga, Silva Smagare Supervisor: Prof. Oskars Kalējs</p>	<p>The Influence of Creatine Supplementation on the Cognitive Function: Differences between Meat-Eaters and Non-Meat Eaters</p> <p>Authors: Vitolds Mackēvičs, Michael A. Masy Supervisor: Vitolds Mackēvičs</p>
3.	<p>Non-Invasive Predictors of Presence and Size of Esophageal Varices in Patients with HCV Related Liver Cirrhosis</p> <p>Author: Lina Gedvilaitė Supervisor: PhD Laura Mašalaitė</p>	<p>The Necessity of a Biopsy during Endoscopy in the Diagnostics of Gastric Atrophy and Gastric Intestinal Metaplasia</p> <p>Authors: Sabīne Upmale, Rihards Engels, Madara Kronberga Supervisors: Dr. Ivars Tolmanis, Asst. Prof. Anda Karnīte</p>

SESSION II: SURGERY, NEUROSURGERY, ONCOLOGY, MORPHOLOGY

	Oral presentations	Poster presentations
1.	<p>Digital Pathology Image Analysis Approach to Measure the Extent of Kidney Fibrosis: Comparison of Masson Trichrome and Picro Sirius Staining</p> <p>Author: Jurgita Ivanauskaitė Supervisor: Prof. Dr Arvydas Laurinavičius</p>	<p>Morphological Comparative Analysis of Fibroadenomas and Phyllodes Tumors of the Breast</p> <p>Author: Romāns Žukovs Supervisor: Dr. med. Arnis Āboliņš</p>

2.	Morphologic Predictors Associated with Regional Lymph Node Metastases of Colorectal Cancer Authors: Aleksejs Gololobovs, Jekaterina Šarmanova Supervisor: Prof. Ilze Štrumfa	Activation of Valvular Interstitial Cells and Extracellular Matrix Remodelling in Calcific Aortic Valve Stenosis Authors: Jurijs Sekretarjovs, Alīna Ļišņova Supervisors: Sandra Skuja, Valērija Groma
3.	The Use of ERCP and Choledochoscopy for the Clearance of Common Bile Duct by Patients with Cholelithiasis Author: Aleksandrs Šapovalovs Supervisor: Asst. Prof. Haralds Plaudis	The Impact of Comorbidities and Possible Risk Factors on Lower Extremity Amputation Level Authors: Andris Daudišs, Marija Petroviča, Aleksandra Anaņjeva Supervisor: Dr. Andrejs Brikuns

SESSION III: INFECTOLOGY, DERMATOVENEROLOGY, IMMUNOLOGY, GENETICS, PHYSIOLOGY, PHARMACOLOGY

	Oral presentations	Poster presentations
1.	IL15 Gene Polymorphisms Modify Susceptibility to Acute Lymphoblastic Leukemia in Children Author: Dmitrijs Rots Supervisor: MD Madara Kreile	
2.	Pegylated Interferon, Ribavirin and Boceprevir in Genotype 1 Treatment Experienced Hepatitis Patients with Bridging Fibrosis and Cirrhosis: Safety and Virologic Response Author: Kotryna Pilipavičiūtė Supervisor: Assoc. Prof. Ligita Jančorienė	Exploring Functions of Borrelia Proteins by Protein-Protein Interaction Approach Authors: Aija Urķe, Kārlis Vilks, Dace Bandere, Renāte Ranka
3.	Safety and Efficacy of the Combination of Pegylated Interferon, Ribavirin and Telaprevir in Treatment-Naïve and Treatment-Failure Genotype 1 Chronic Hepatitis C Patients with Advanced Hepatic Fibrosis or Compensated Liver Cirrhosis Authors: Evelina Balčiūnaitė, Urtė Sudnickaitė Supervisor: Assoc. Prof. Ligita Jančorienė	Influence of Pharmaco-Economic Factors on Patient Compliance Authors: Andrejs Irbe, Māris Meinerts, Kristīne Puķe, Kristīne Spalva

SESSION IV: PSYCHOTHERAPY, PSYCHOSMATICS, NEUROLOGY

	Oral presentations	Poster presentations
1.	Time Spent in Diagnostic Acute Ischemic Stroke: A Retrospective Single Centre Study Author: Klāvs Renerts Supervisor: Asst. Prof. Evija Miglāne	Detection of Antiganglioside Antibodies: Clinical Significance for Patients in Pauls Stradiņš Clinical University Hospital 2014 Authors: Ieva Glāzere, Dace Ziemele

		Supervisor: Dr. med. Viktorija Kēniņa
2.	Nocebo Effect Difference between Genders Authors: Viktorija Rogova, Sandra Milta, Arūtrs Šilovs Supervisor: Prof. Gunta Ancāne	Clinical Characteristics of Migraine in Latvia Authors: Sintija Locāne, Kristīne Dzene Supervisor: Ināra Logina
3.	Etiology and Clinical Syndromes of Lacunar Stroke Authors: Emīls Baškers, Nora Bogdanova Supervisor: Asst. Prof. Evija Miglāne	Wake-up Stroke: Treatment and Outcome Authors: Inese Janpaule, Dr. med. Tatjana Muravska, Daina Šapovalova, Jana Sojska, Dr. med. Andrejs Millers Supervisor: Asst. Prof. Evija Miglāne

SESSION V: REHABILITATION, NUTRITIONAL SCIENCE, PUBLIC HEALTH, OCCUPATIONAL MEDICINE

	Oral presentations	Poster presentations
1.	Prevalence of Depression Symptoms in 6th Year Medical Students Author: Igors Pikaļevs Supervisor: Dr. Sandra Gintere	Resting Metabolic Rate and Interindividual Differences in Adult Male Endurance Athletes Author: Linda Šlēziņa Supervisor: Dr. biol., Assoc. Prof. Dace Reihmane
2.	Challenges of Implementing Mental Health Policy in Lithuania Authors: Rūta Karaliūnienė, Eglė Šumskienė, Dainius Puras	Prescription Circulation in Pharmacies – Proof of Adherence to Therapy Authors: Lāsma Medjānova, Dace Bandere, Inga Urtāne
3.	Nonadherence to Colorectal Cancer Screening Programme Authors: Olga Ratnikova, Rasma Vārna Supervisor: Līga Kozlovskā	Prevalence of Computer Vision Syndrome among Office Workers in Latvia Authors: Dace Rampāne, Līga Arāja, Madara Suharževska Supervisor: Assoc. Prof. Jānis Dundurs

SESSION VI: PAEDIATRICS, GYNAECOLOGY, OBSTETRICS

	Oral presentations	Poster presentations
1.	Maternal Knowledge and Attitude towards the Importance of Children Immunisation Author: Dana Isarova Supervisor: MD, PhD Dace Zavadskā	Influenza Vaccination Coverage among Children with Bronchial Asthma Author: Jūlija Gordeiko Supervisor: MD, PhD Dace Zavadskā
2.	The Prophylaxis of Deep Vein Thrombosis and Pulmonary Embolism in Obstetrics: Situation in Latvia Author: Katrīna Kalniņa Supervisor: Prof. Dace Rezeberga	Changes in Admission Rates, Length of Hospital Stay and Frequency of Complications in Children Hospitalized to Children's University Hospital between 2003 and 2004, after Introduction of Chickenpox Vaccination into the Latvian National Immunization Calendar Author: Olga Šušenačeva Supervisor: MD, PhD Dace Zavadskā

3.	Basic Fibroblast Growth Factor (BFGF) and Fibroblast Growth Factor Receptor 1 (FGFR1) Appearance in Congenital Intra-Abdominal Adhesions in Children under One Year of Age Author: Anna Augule Supervisor: Prof. Māra Pilmane	Routine Blood Test May Be Diagnostically Misleading in Paediatric Acute Lymphoid Leukemia Author: Linda Kundziņa Supervisor: Dr. med. Sergejs Ņikuļšins
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SESSION VII: ORAL CAVITY PATHOLOGY, OTORHINOLARYNGOLOGY, OPHTHALMOLOGY

	Oral presentations	Poster presentations
1.	Frequency of Olfactory Disorders among Swimmers Induced by Chlorinated Water Author: Sabīne Atte Supervisor: Gunta Sumeraga	Analysis of TMCO1 Gene Polymorphisms in Latvian Patients with Primary Open Angle Glaucoma Authors: Baiba Ledaine, Kristīne Baumane, Guna Laganovska, Renāte Ranka Supervisors: Kristīne Baumane, Guna Laganovska, Renāte Ranka
2.	Squamous Cell Carcinoma of Hypopharynx Authors: Eva Dručka, Dana Kigitoviča Supervisor: Juris Tārs	Prevalence of Laryngopharyngeal Reflux Disease between PSCUH ENT Outpatient Clinic Patients and Therapy Efficiency Authors: Veronika Putinceva, Rihards Mallons Supervisor: Dr. Dins Sumerags
3.	Retinal Thickness Changes Using Intravitreal Injections at Different Occurrences of Posterior Vitreous Detachment Author: Ilze Lāce Supervisor: Prof. Guna Laganovska	Surgical Treatment of Secretory Otitis Media in Children's University Hospital 2012–2014 Authors: Silva Smagare, Dace Danberga Supervisor: Jānis Sokolovs

SESSION VIII: ANAESTHESIOLOGY, REANIMATOLOGY, TRAUMATOLOGY, ORTHOPAEDICS, RADIOLOGY

	Oral presentations	Poster presentations
1.	The Impact of Various Manoeuvres on Visualisation of Internal Jugular Vein Authors: D. Gineitytė, G. Kezytė Supervisors: S. Judickas, M. Šerpytis	Superior Mesenteric Artery Syndrome: Radiological Imaging by Using the Barium Radiography Authors: Alina Pugačova, Marija Kločkova-Tolscika Supervisor: Reinis Laguns
2.	3 Years' Result and Complication Analysis of Arthrodesis of Ankle and Subtalar Joints Authors: Luīze Raga, Toms Arcimovičs Supervisors: Mārtiņš Malzubris, Aigars Vugulis	Magnetic Resonance Enterography and Diffusion Weighted Whole Body Imaging with Background Body Signal Suppression (DWIBS) Sequence in Chronn's Disease Diagnostic Authors: Alīse Supe, Ilze Sedleniece, Gaida Krūmiņa, Juris Pokrotnieks, Mārcis Leja Supervisors: Ilze Sedleniece, Gaida Krūmiņa, Juris Pokrotnieks, Mārcis Leja

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| 3. Lactate as a Predictor in Severe Pneumonia
Authors: Dārta Ose, Arvīds Bērziņš, Andris Kļučņiks, Oļegs Sabeļņikovs | Spinal Cord Lesion MRI Description in Patients with MS and Correlation with Brain and Optic Nerve Lesions
Author: Matīss Breikšs
Supervisor: MD Gaida Krūmiņa |
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SESSION IX: CASE REPORT

Oral presentations

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| 1. Early Onset of AA Amyloidosis Associated with Juvenile Idiopathic Arthritis
Author: Dana Kigitoviča
Supervisor: Aivars Pētersons | |
| 2. Parental Analysis of JAG1 Gene in Alagille Syndrome
Authors: Katrīna Rutka, Māreta Audere, Ieva Mičule, Ieva Puķīte, Dina Sviridova, Baiba Lāce
Supervisor: Baiba Lāce | |
| 3. Use of Microperimetry in Adult Vitelliform Macular Dystrophy
Author: Eva Dručka
Supervisor: Prof. Guna Laganovska | |
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SESSION X: POLITICAL SCIENCE AND INTERNATIONAL RELATIONS

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| 1. The Common Security and Defence Policy: The EU Battlegroups
Author: Mārtiņš Banka
Supervisor: Assoc. Prof. Daina Bleiere | |
| 2. Candidate List Making Process in the Party Alliance "Union of Greens and Farmers" for 12th Parliamentary Election
Author: Kristīne Skujiņa-Trokša
Supervisor: Dr. sc. pol. Simona Gurbo | |
| 3. Economic Sanctions as a Russian Foreign Policy Tool in the Baltic States
Author: Viesturs Levada
Supervisor: Dr. cand. Māris Cepurītis | |
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SESSION XI: LAW

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| 1. Determination of Legislative Intent
Author: Andris Pumpiņš
Supervisor: Mg. iur. Dita Amoliņa | |
| 2. Human Rights within the European Union
Author: Lauris Bočs
Supervisor: Dr. iur. Jānis Grasis | |
| 3. Measures of Prevention of Threat to the Peace
Author: Vita Upeniece | |
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SESSION XII: ECONOMICS AND BUSINESS

1. **The Importance of Ergonomics in Providing Business Efficiency**
Author: Paula Krumholce
Supervisor: Henrijs Kaļķis

2. **Analysis of Internal Communication as an Element of Internal Environment in Enterprise 'X'**
Author: Aija Gražule
Supervisor: MBA Irina Rezepina

3. **European Union Structural Funds Absorption in Latvia**
Author: Ēriks Bunclers

SESSION XIII: COMMUNICATION

1. **Adaptation of "Deese/Roediger-McDermott Paradigm"**
Author: Kristīne Šneidere
Supervisor: Dr. psych., Mg. sc. sal., Mg. paed. Kristīne Mārtinsone

2. **Psychometric Properties of Anomia Scales for Latvian Population**
Author: Liene Lapiņa
Supervisors: Dr. psych. Jeļena Ļevina, Dr. psych., Mg. sc. sal., Mg. paed. Kristīne Mārtinsone

3. **Gender Differences in Autobiographical Memory**
Author: Kristiāna Klinie
Supervisor: Dr. psych., Mg. sc. sal., Mg. paed. Kristīne Mārtinsone