



SEPTINTOJI TARPTAUTINĖ KONFERENCIJA

2026 m. liepos mėn. 7-10 d., Vilniaus universitetas, LIETUVA

***EVOLIUCINĖ MEDICINA:
ŽMOGAUS RAIDOS PERSPEKTYVOS IR SVEIKATA
BESIKEIČIANČIOJE APLINKOJE***

PROGRAMA

Rengėjas: Vilniaus universiteto Medicinos ir sveikatos mokslų Doktorantūros mokykla, VU Medicinos fakultetas

THE 7th INTERNATIONAL CONFERENCE

7th-10th of July, 2026, Vilnius University, LITHUANIA
***EVOLUTIONARY MEDICINE:
PERSPECTIVES ON HUMAN DEVELOPMENT AND HEALTH CONSEQUENCES IN
A CHANGING ENVIRONMENT***

PROGRAMME

Organized by the Doctoral School of Medicine and Health sciences at Vilnius University, VU Faculty of Medicine

INTERNATIONAL SCIENTIFIC COMMITTEE

Karolis AŽUKAITIS (Vilnius University, Lithuania)
Noël CAMERON (Loughborough University, UK)
Janet CARTON (University College Dublin, Ireland)
Dalius JATUŽIS (Vilnius University, Lithuania)
Maria KACZMAREK (Adam Mickiewicz University, Poland)
Sylvia KIRCHENGAST (University of Vienna, Austria)
Lawrence M. SCHELL (University at Albany, S.U.N.Y, USA)
Wojciech ŚLUSARCZYK (Nicolaus Copernicus University in Torun, Poland)
Janina TUTKUVIENĖ (Vilnius University, Lithuania)
Aistis ŽALNORA (Vilnius University, Lithuania)

LOCAL ORGANIZING COMMITTEE

(Faculty of Medicine, Vilnius University)

Chair:

Janina TUTKUVIENĖ

Conference booklet coordinator:

Rūta MORKŪNIENĖ

Conference Secretary:

Eglė Marija JAKIMAVIČIENĖ

Members:

Justina ALČAUSKAITĖ
Arūnas BARKUS
Elvin Francišek BOGDZEVIČ
Ramunė ČEPULIENĖ
Airida DOSINAITĖ
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Kristupas KURMINAS
Rūta MORKŪNIENĖ
Laura NEDZINSKIENĖ
Juozapas RYLIŠKIS
Evita SĖRIKOVAITĖ
Mindaugas SMETANINAS
Eglė STUKAITĖ-RUIBIENĖ
Sofija ŠESTAK
Renata ŠIMKŪNAITĖ-RIZGELIENĖ
Rūta VOSYLIŪTĖ
Violeta ŽALGEVIČIENĖ

Tuesday, July 7th

Venue: Aula Parva, Old University Campus, Universiteto str. 3

13:00-14:00 Registration (lobby of Aula Parva, Old University Campus, Universiteto str. 3)

14:00-14:40 **Opening ceremony and concert (Aula Parva)**

14:40-16:00 Session I (Aula Parva)

Chairperson: Janina Tutkuvienė

14:40-15.20 **Dalius JATUZIS**

Clinic of Neurology and Neurosurgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

CELEBRATING THE 245TH ANNIVERSARY OF VILNIUS UNIVERSITY'S FACULTY OF MEDICINE: A LOOK AT THE ORIGINS OF SCIENTIFIC DEVELOPMENT

15:20-16:00 **Noel CAMERON**

School of Sport, Exercise and Health Sciences, Loughborough University, Loughborough, United Kingdom

CRITICAL PERIODS IN THE EVOLUTION OF GROWTH IN THE HOMININS

16:00-16:30 **Coffee break (University Cafe)**

16:30-18:15 Session II (Aula Parva)

Chairperson: Dalius Jatuzis

16:30-17:10 **Wojciech SLUSARCZYK**

Faculty of Health Sciences, Collegium Medicum, Nicolaus Copernicus University in Torun, Poland

JĘDRZEJ ŚNIADECKI, ON THE PHYSICAL EDUCATION OF CHILDREN – TIME AND WORK

17:10-17:35 **Aistis ZALNORA**

Centre for Health Ethics, Law and History, Institute Health Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

JĘDZEJ ŚNIADECKI ON THE PHYSICAL EDUCATION OF CHILDREN: THE PRIMARY GOAL OF EDUCATION IS HEALTH

17:35-18:15

Janina TUTKUVIENE

Department of Anatomy, Histology and Anthropology, Faculty of
Medicine, Vilnius University, Vilnius, Lithuania

THE ORIGINS OF AUXOLOGY AT VILNIUS UNIVERSITY 220
YEARS AGO: ANDRZEJ SNIADOCKI'S INSIGHTS INTO CHILD
DEVELOPMENT AND THEIR RELEVANCE TODAY

18:30-22:00

Welcome networking (University Cafe)

Wednesday, July 8th

Venue: Faculty of Medicine, M.K. Ciurlionio str. 21

09:00-09:30 Registration

09:30-11:35 Session III (Room 203)

Chairperson: Noel Cameron

09:30-10:10 **Lawrence M. SCHELL**

Department of Anthropology, College of Arts & Sciences;
Department of Epidemiology & Biostatistics, College of
Integrated Health Sciences, University at Albany, S.U.N.Y,
Albany, USA

POLLUTION AS A FACTOR IN HUMAN REPRODUCTION AND
EVOLUTION

10:10-10:25 **Tomas BALCYTIS^{1,2}, Ting-Chia HSU^{1,2}, Michael W.
HUGHES^{1,2}**

¹Institute of Clinical Medicine, College of Medicine, National
Cheng Kung University, Tainan, Taiwan

²International Center for Wound Repair and Regeneration,
National Cheng Kung University, Tainan, Taiwan

METABOLIC REGULATION OF TISSUE REGENERATION

10:25-10:40 **Dalia GINEITYTE-OZOLINCE^{1,2}, Vaidas VICKA^{1,2}, Dalius
RATAUTAS³, Gabija BALCIUNAITE⁴, Marija Mantaute
GUDYNAITE⁴, Marija AUKSTUOLYTE⁴, Izabele
GERVELYTE⁴, Alis KURDIAN⁴, Vilhelmas Konstantinas
LANDSBERGIS⁴, Jurate SIPYLAITE^{1,2}**

¹Clinic of Anaesthesiology and Intensive Care, Institute of
Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius,
Lithuania

²Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

³Life Science Center, Vilnius University, Vilnius, Lithuania

⁴Faculty of Medicine, Vilnius University, Vilnius, Lithuania

PEPTIDASE ACTIVITY IN SYSTEMIC INFLAMMATORY RESPONSE
SYNDROME: A CASE SERIES IN CRITICAL CARE PATIENTS

10:40-10:55 **Goda ALEKNAVICIUTE, Linas CERNIAUSKAS, Dovile
KARCIAUSKAITE**

Department of Physiology, Biochemistry, Microbiology and Laboratory Medicine, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

STANDARDISATION CHALLENGES IN EXTRACELLULAR VESICLES AND LIPOPROTEIN ISOLATION FROM HUMAN PLASMA

10:55-11:10

Indre LAPINSKIENE^{1,2}, Vytautas PETKUS³, Jurate SIPYLAITE^{1,2}, Mindaugas SERPYTIS^{1,2}

¹Clinic of Anaesthesiology and Intensive Care, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

³Health Telematics Science Institute, Kaunas University of Technology, Kaunas, Lithuania

EARLY AND DELAYED SERUM BIOMARKERS FOR PREDICTING BRAIN DEATH AFTER ACUTE BRAIN INJURY: NEURON-SPECIFIC ENOLASE AND S100 CALCIUM-BINDING PROTEIN B

11:10-11:25

Laurynas ORLA^{1,2}, Edita PAULIKAITE-BIVAINI¹, Evita SERIKOVAITE², Justina ALCAUSKAITE², Rasa AUKSTIKALNIENE¹, Violeta ZALGEVICIENE², Grita SKUJIENE¹

¹Institute of Biosciences, Life Sciences Center, Vilnius University, Vilnius, Lithuania

²Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

EFFECTS OF MATERNAL PHTHALATE EXPOSURE ON HIPPOCAMPAL STRUCTURE IN FIRST- AND SECOND-GENERATION MALE RAT OFFSPRING

11:25-11:35

Evita SERIKOVAITE¹, Justina ALCAUSKAITE¹, Edita PAULIKAITE-BIVAINI², Laurynas ORLA^{1,2}, Rasa AUKSTIKALNIENE², Violeta ZALGEVICIENE¹, Grita SKUJIENE²

¹Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Institute of Biosciences, Life Sciences Center, Vilnius University, Vilnius, Lithuania

THE IMPACT OF PHTHALATES ON EMBRYONIC MALFORMATIONS AND LONG BONE LENGTH ACROSS TWO RAT GENERATIONS

11:35-12:00

Coffee break (Room 202)

12:00-13:35 Session IV (Room 203)

Chairperson: Lawrence M. Schell

12:00-12:40

Sylvia KIRCHENGAST

Department of Evolutionary Anthropology, University of Vienna,
Vienna, Austria

GROWTH AND DEVELOPMENT IN TIMES OF CLIMATE CHANGE

12:40-12:55

Andrius BLEIZGYS

Clinic of Internal Diseases and Family Medicine, Institute of
Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius,
Lithuania

FIRST LITHUANIA'S NATIONAL VITAMIN D GUIDELINES: THE KEY
ASPECTS

12:55-13:10

Ausma SPRUDZANAITE, Donatas AUSTYS

Department of Public Health, Institute of Health Sciences,
Faculty of Medicine, Vilnius University, Vilnius, Lithuania

RADIATION PROTECTION IN HEALTHCARE: THEMATIC ANALYSIS
OF NEWS MEDIA COVERAGE

13:10-13:25

**Vilma KUZMINSKAITE¹, Egle KONTRIMAVICIUTE¹,
Alfredas LAURINAVICIUS², Gabija MARTISIUTE², Tomas
POSKUS³**

¹Clinic of Anesthesiology and Reanimatology, Institute of Clinical
Medicine, Faculty of Medicine, Vilnius University, Vilnius,
Lithuania

²Department of Clinical Psychology, Institute of Psychology,
Faculty of Philosophy, Vilnius University, Vilnius, Lithuania

³Clinic of Gastroenterology, Nephro-Urology and Surgery,
Institute of Clinical Medicine, Faculty of Medicine, Vilnius
University, Vilnius, Lithuania

EQUIVALENCE OF IN-PERSON AND ONLINE PATIENT
EDUCATION IN REDUCING PREOPERATIVE ANXIETY FOR
PATIENTS UNDERGOING LAPAROSCOPIC CHOLECYSTECTOMY

13:25-13:35

**Erikas TARVYDAS^{1,2}, Austėja TRECIOKAITE¹, Egidijus
AUKSORIUS¹**

¹Center for Physical Sciences and Technology, Vilnius, Lithuania

²Faculty of Medicine, Vilnius University, Vilnius, Lithuania

LABEL-FREE INTRACELLULAR IMAGING USING HIGH-RESOLUTION DYNAMIC FULL-FIELD OPTICAL COHERENCE MICROSCOPY

13:35-15:00 Lunch (Vilnius Park Plaza Hotel, M.K. Ciurlionio str. 84)

15:00-17:30 Session V (room 203)

Chairperson: Sylvia Kirchengast

15:00-15:40

Maria KACZMAREK

Institute of Human Biology and Evolution, Faculty of Biology, Adam Mickiewicz University, Poznań, Poland

THE HEALTH PARADOX OF ADOLESCENCE: WHY EVOLUTION PROMOTES RISK-TAKING

15:40-15:55

Kornelija RAUDUVYTE JIMENEZ¹, Paulina KAZLAUSKAITE¹, Austėja BALUTYTE¹, Irena BERNECKA¹, Matas JAKUBAUSKAS¹, Maximilian NEPEL², Angela HORVATH^{2,3}, Vanessa STADLBAUER^{2,3}, Arnoldas KAUNIETIS⁴, Silvija KIVERYTE⁵, Kristina MARCINKEVICIENE⁵, Antanas GULBINAS⁶, Povilas IGNATAVICIUS⁷, Tomas POSKUS¹, Marius KRYZAUSKAS^{*1}, Augustinas BAUSYS^{*1}

*shared last authorship

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³Division Translational Precision Medicine, Center for Biomarker Research in Medicine (CBmed GmbH), Graz, Austria

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⁶Faculty of Health Sciences, Klaipeda University, Klaipeda, Lithuania

⁷Institute for Digestive Research, Medical Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania

POTENTIAL ROLE OF THE GASTROINTESTINAL MICROBIOME IN THE PATHOGENESIS OF SURGICAL SITE INFECTIONS AFTER MAJOR GASTROINTESTINAL CANCER SURGERY

15:55-16:10

Jurate VALCIUKIENE¹, Egle LASTAUSKIENE², Aida LAURINAVICIENE^{3,4}, Matas JAKUBAUSKAS¹, Marius

KRYZAUSKAS¹, Ruta Barbora VALKIUNIENE^{3,4}, Eugenijus JASIUNAS⁵, Renaldas AUGULIS³, Ausra GARNELYTE³, Ieva STUNDIENE¹, Justinas KAVOLIUNAS², Ugne SILINSKAITE⁶, Tomas POSKUS¹

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⁶Faculty of Medicine, Vilnius University, Vilnius, Lithuania

EVOLVED REGIONAL IMMUNE ZONATION OF THE HUMAN ILEOCOLIC MUCOSA AND ITS BREAKDOWN ALONG THE ADENOMA-CARCINOMA SEQUENCE

16:10-16:25

Ugne IMBRASAITĖ¹, Augustas POSKUS², Marius KRYZAUSKAS³, Matas JAKUBAUSKAS³, Tomas POSKUS³

¹Clinic of Gastroenterology, Nephro-Urology and Surgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

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³Center of Abdominal Surgery, Vilnius University Hospital Santaros Clinics, Vilnius, Lithuania

PROGNOSTIC DETERMINANTS OF STAGE I-II COLORECTAL CANCER: DOES THE INFLUENCE OF PREDICTORS SHIFT OVER TIME? 10-YEAR EXPERIENCE OF RETROSPECTIVE MULTICENTRE COHORT STUDY

16:25-16:40

Egle MICKEVICIUTE-ZINKUVIENE^{1,2}, Vitalij NOVICKIJ^{1,2}

¹Faculty of Electronics, Vilnius Gediminas Technical University, Vilnius, Lithuania

²Department of Immunology and Bioelectrochemistry, State Research Institute Centre of Innovative Medicine, Vilnius, Lithuania

INFLUENCE OF HIGH-FREQUENCY ASYMMETRIC NANOSECOND ELECTRIC FIELD SEQUENCES ON TUMOR DRUG RESISTANCE CONTROL AND ERADICATION

16:40-16:55

Rokas SAMBARAS, Sigita LESINSKIENE

Clinic of Psychiatry, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

ADOLESCENT SUICIDAL IDEATION AND ATTEMPTS IN LITHUANIA OVER A DECADE: RESULTS FROM TWO SCHOOL-BASED SURVEYS

16:55-17:10

Dovile KIELAITE¹, Smilte LEDZINSKAITE¹, Zana BUMBULIENE²

¹Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Clinic of Obstetrics and Gynecology, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

CURRENT INSIGHTS INTO CATAMENIAL EPILEPSY: BRIDGING NEUROENDOCRINOLOGY AND WOMEN'S HEALTH

17:10-17:20

Guste SULIAUSKAITE¹, Egle Marija JAKIMAVICIENE², Jelena ISAKOVA³, Janina TUTKUVIENE²

¹Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Department of Anatomy, Histology and Anthropology, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³Health Information Centre, Institute of Hygiene, Vilnius, Lithuania

PREVALENCE, RISK FACTORS AND PHYSICAL STATUS OF NEWBORNS WITH CONGENITAL ANOMALIES (ACCORDING TO LITHUANIAN MEDICAL BIRTH DATA FROM 1997 TO 2020)

17:20-17:30

Radvile VAIGAUSKAITE¹, Jelena VOLOCHOVIC^{2,3}

¹Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Department of Obstetrics and Gynaecology, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³Center of Obstetrics and Gynaecology, Vilnius University Hospital Santaros Clinics, Vilnius, Lithuania

KNOWLEDGE AND AWARENESS OF PREGNANT WOMEN REGARDING CAFFEINE CONSUMPTION DURING PREGNANCY: A CROSS-SECTIONAL STUDY

17:30-19:00

E-poster reviewing

Thursday, July 9th

Venue: Faculty of Medicine, M.K. Ciurlionio str. 21

09:00-09:30 Registration

09:30-11:30 Session VI (room 203)

Chairperson: Janet Carton

09:30-10:10 **Karolis AZUKAITIS**

Clinic of Pediatrics, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

FROM NUMBERS TO RELEVANCE: CHANGING PARADIGMS IN PEDIATRIC CARDIOVASCULAR RISK ASSESSMENT

10:10-10:25

Vygintas ALIUKONIS, Eugenijus GEFENAS

Centre for Health Ethics, Law and History, Institute of Health Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

AUTHORSHIP AND AUTHORITY: POWER RELATIONS IN SCIENTIFIC WRITING

10:25-11:30 Science-SLAM presentations (5 min. + 2 min. for discussion):

Andrius CEKUOLIS, Zana BUMBULIENE

Clinic of Obstetrics and Gynaecology, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

BODY MASS INDEX AND PUBERTAL TIMING IN LITHUANIAN GIRLS

Kamile CERLINSKAITE-BAJORE, Jelena CELUTKIENE

Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

THE STRATIFICATION OF PROGNOSIS IN ACUTE HEART FAILURE PATIENTS: THE EFFECT OF REHOSPITALIZATIONS AND OPTIMAL MEDICAL TREATMENT

Kestutis CERNIAUSKAS^{1,2}, **Kotryna LINAUSKIENE**^{1,2},
Anzelika CHOMICIENE^{1,2}, **Linas GRIGUOLA**^{1,2}, **Laura**
MALINAUSKIENE^{1,2}

¹Clinic of Chest Diseases, Immunology and Allergology,
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²Pulmonology and allergology center, Vilnius University
Hospital Santaros Klinikos, Vilnius, Lithuania

CLONAL MAST CELL DISORDERS IN HYMENOPTERA VENOM
ALLERGIC PATIENTS: DIAGNOSTIC DILEMMAS AND SAFETY OF
IMMUNOTHERAPY

Aivaras GRYBAS¹, **Povilas BARASA**³, **Egidijus**
SIMOLIUNAS³, **Ieva SIMOLIUNE**³, **Emilija**
BALTRUKONYTE³, **Ramune ZILINSKAITE TAMASAUSKE**⁴,
Gilvydas VERKAUSKAS⁴, **Darius DASEVICIUS**⁵, **Daiva**
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³Life Science Center, Institute of Biochemistry, Vilnius
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Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

⁵National Center of Pathology, Affiliate of Vilnius University
Hospital Santaros Klinikos, Vilnius, Lithuania

3D PRINTED ADIPOSAL AND MUCOSAL STEM-CELLS ENRICHED
VERSUS ACELLULAR SCAFFOLD FOR URETHRAL REPAIR IN A
RABBIT EXPERIMENTAL MODEL

Jekaterina KALINIENE, **Rimantas STUKAS**, **Donatas**
AUSTYS

Department of Public Health, Institute of Health Sciences,
Faculty of Medicine, Vilnius University, Vilnius, Lithuania

EVOLVED TO REFUSE? FOOD NEOPHOBIA AND THE ACCEPTANCE
OF ALTERNATIVE PROTEINS AMONG LITHUANIAN CONSUMERS

Adomas LADUKAS^{1,2}, **Ausvydas PATASIUS**^{1,3}

¹Department of Public Health, Institute of Health Sciences,
Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Laboratory of Cancer Epidemiology, National Cancer Institute,

Vilnius, Lithuania

³Clinical Research Department, National Cancer Institute,
Vilnius, Lithuania

URINARY METABOLOME ANALYSIS FOR DETECTION OF
CLINICALLY SIGNIFICANT PROSTATE CANCER: ACCURACY AND
ACCEPTABILITY OF NOVEL BIOMARKER TEST

**Anastasija LEVKINA¹, Jurate GUDONYTE¹, Indre
TRECIOKIENE¹, Irena ZUKAUSKAITE²**

¹Pharmacy and Pharmacology Center, Institute of Biomedical
Sciences, Faculty of Medicine, Vilnius University, Vilnius,
Lithuania

²Institute of Psychology, Faculty of Philosophy, Vilnius
University, Vilnius, Lithuania

WHAT HAPPENS WHEN A COMMUNITY PHARMACIST BECOMES
PART OF DIABETES CARE?

**Monika MAKUTIENE¹, Natalija ISTOMINA², Rimantas
STUKAS¹**

¹Department of Public Health, Institute of Health Sciences,
Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Department of Midwifery and Nursing, Institute of Health
Sciences, Faculty of Medicine, Vilnius University, Vilnius,
Lithuania

HOW PREPARED IS THE SCHOOL COMMUNITY TO PROMOTE
CHILDREN'S MENTAL HEALTH?

**Andrius BERUKSTIS¹, Kipras MIKELIS², Arvydas
BARANAUSKAS¹, Marius KURMINAS², Givi LENGVENIS²,
Dalius JATUZIS³, Radvilas JANCIAUSKAS⁴, Jurgita
VALAIKIENE³, Egidija RINKUNIENE¹, Giedrius
DAVIDAVICIUS¹, Sigita GLAVECKAITE¹, Saulius
ANDRIUSKEVICIUS³**

¹Clinic of Cardiac and Vascular Diseases, Institute of Clinical
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³Clinic of Neurology and Neurosurgery, Institute of Clinical Medicine, Faculty

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⁴Faculty of Medicine, Vilnius University, Vilnius, Lithuania

COMPARISON OF NOVEL HEMODYNAMIC AND ANATOMICAL METHODS FOR CAROTID ARTERY STENOSIS MEASUREMENT

11:30-12:00 Coffee break (Room 202)

12:00-13.30 Session VII (Room 203)

Chairperson: Karolis Azukaitis

12:00-12:40 Janet CARTON

Head of Graduate Studies & Research Strategy, University College Dublin (UCD), Dublin, Ireland

THE POSITIVE IMPACT OF AN EVOLVING LANDSCAPE ON DOCTORAL EDUCATION

12:40-13:30 Science-SLAM presentations (5 min. + 2 min. for discussion):

Gabriele MILAKNYTE, Ieva STUNDIENE, Laura MASALAITE

Clinic of Gastroenterology, Nephro-Urology and Surgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

CAN TRUST SAVE LIVES? RETHINKING ORGAN DONATION MODELS IN LITHUANIA

Vidas PETRAUSKAS¹, Valdemaras MILKUS², Linas MAZUTIS², Kestutis STRUPAS¹, Aiste GULLA^{1,3}

¹Institute of Clinical Medicine, Clinic of Gastroenterology, Nephro-Urology and Surgery, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Institute of Biotechnology, Life Sciences Centre, Vilnius University, Vilnius, Lithuania

³Department of Surgery, The George Washington University School of Medicine and Health Sciences, The George Washington University Hospital, Washington DC, USA

A PILOT INVESTIGATION OF PANCREATIC PSEUDOISLET SIZE AND MONOCYTE INTERACTIONS IN A NOVEL MICROFLUIDIC PLATFORM WITH IMPLICATIONS FOR TRANSPLANT OUTCOMES

Barbora SAKALAUSKAITE, Janina TUTKUVIENE

Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

DO YESTERDAY'S GROWTH CHARTS STILL REFLECT TODAY'S CHILDREN?

Ernestas SILEIKA^{1,2}, Juras KISONAS⁴, Edita BALTRUSKEVICIENE^{1,2}, Sarune LIUKPETRYTE-KUOSIENE¹, Deimante TAMASAUSKAITE⁷, Mantas SPOKAS⁷, Dovile CERKAUSKAITE⁷, Andrej ALEINIKOV⁵, Rokas STULPINAS³, Tomas POSKUS⁶, Audrius DULSKAS^{1,2}

¹Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

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³National Center of Pathology, Vilnius, Lithuania

⁴Open Access Center, National Cancer Institute, Vilnius, Lithuania

⁵Center of Surgical Oncology, National Cancer Institute, Vilnius, Lithuania

⁶Translational Medicine Center, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

⁷Faculty of Medicine, Vilnius University, Vilnius, Lithuania

FINANCIAL IMPACT OF WATCH AND WAIT STRATEGY AFTER TOTAL NEOADJUVANT THERAPY IN RECTAL CANCER: A COST SAVINGS ANALYSIS BASED ON REAL-WORLD INSTITUTIONAL DATA

Nora SLEKIENE^{1,2}, Paulina BLOTNIENE^{3,4}, Alina URNIKYTE⁴

¹Pharmacy and Pharmacology Center, Institute of Biomedical Science, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Translational Health Research Institute, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³Clinic of Obstetrics and Gynaecology, Institute of Clinical Medicine, Faculty of Medicine Vilnius University, Vilnius, Lithuania

⁴Populational genomics laboratory, Translational Health Research Institute, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

MICROPLASTIC-LIKE PARTICLES IN HUMAN PLACENTA: PRELIMINARY FINDINGS FROM SEM-EDX ANALYSIS

Gediminas VAITENAS, Ugne GAILIUTE

Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

INFRARENAL AORTIC ANEURYSM DYNAMICS ON SERIAL COMPUTER TOMOGRAPHY ANGIOGRAPHY SCANS USING ARTIFICIAL INTELLIGENCE

Guoda ZUKIENE, Vilius RUDAITIS

Clinic of Obstetrics and Gynaecology, Faculty of Medicine, Institute of Clinical Medicine, Vilnius University, Lithuania

THE INVISIBLE ECOSYSTEM BEHIND CERVICAL CANCER

13:30-15:00 Lunch (Vilnius Park Plaza Hotel, M.K. Ciurlionio str. 84)

15:00-17:05 Session VIII (room 203)

Chairperson: Maria Kaczmarek

15:00-15:15

Svetlana DAUENGAUER-KIRLIENE¹, Laura PRANCKENIENE², Austeja LETUKIENE², Faustas PUZERAS², Ingrida DOMARKIENE², Alina URNIKYTE²

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GENOTYPE-PHENOTYPE RELATIONSHIPS IN PRETERM BIRTH: INSIGHTS FROM FETAL GENOMIC VARIATION

15:15-15:30

Karolina KEVELAITIENE^{1,2}, Roma PURONAITE⁴, Valerija Edita DAVIDAVICIENE³, Birute NAKCERIENE³ and Edvardas DANILA^{1,2}

¹Institute of Clinical Medicine, Clinic of Chest Diseases, Immunology and Allergology, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

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EVOLUTION FROM DRUG-SUSCEPTIBLE TO DRUG-RESISTANT TUBERCULOSIS: CLINICAL AND SOCIAL PREDICTORS IN A 22-YEAR NATIONAL COHORT

15:30-15:45

Egle Stukaite-RUIBIENE, Jonas TUTKUS, Renata SIMKUNAITE-RIZGELIENE, Arunas BARKUS, Janina TUTKUVIENE

Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

STABLE FACIAL PROPORTIONS THROUGHOUT ADOLESCENCE, TAKING INTO ACCOUNT BODY SIZE PARAMETERS

15:45-16:00

Simonas UTKUS¹, Ugne UTKUTE², Gabija PAULAUSKAITE², Laura NEDZINSKIENE¹

¹Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Faculty of Medicine, Vilnius University, Vilnius, Lithuania

ASSOCIATIONS OF SOMATOTYPE AND ANTHROPOMETRIC CHARACTERISTICS WITH SPORTS INJURY HISTORY AMONG ATHLETES: A PILOT STUDY

16:00-16:15

Dario PIOMBINO-MASCALI^{1,2}

¹Department of Anatomy, Histology and Anthropology, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

²Department of Cultural Heritage, University of Salento, Lecce, Italy

CHILDHOOD, DISEASE, AND SOCIAL INEQUALITY IN LATE MODERN ITALY: A NORTH-SOUTH COMPARATIVE STUDY OF MUMMIFIED NON-ADULTS

16:15-16:25

**Elvin Francisek BOGDZEVIC, Andrej SUCHOMLINOV,
Janina TUTKUVIENE**

Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

BODY DONATION PRACTICES: A RETROSPECTIVE ANALYSIS OF THE VILNIUS UNIVERSITY BODY DONATION REGISTRY

16:25-16:35

Laura REKUTE¹, Aleksandras VILIONSKIS²

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CLINICAL OUTCOMES OF ENDOVASCULAR TREATMENT IN BASILAR ARTERY OCCLUSION STROKE: MECHANICAL THROMBECTOMY ALONE VERSUS BRIDGING THERAPY

16:35-16:45

Mindaugas SMETANINAS¹, Roberta KERPYTE², Giedre ZULPAITE³, Laurynas RIMSEVICIUS³, Kristina PETRULIENE⁴, Marius MIGLINAS³

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UNRECOGNIZED BURDEN OF REDUCED KIDNEY FUNCTION AND ELEVATED BLOOD PRESSURE IN THE COMMUNITY: A WORLD KIDNEY DAY SCREENING INITIATIVE IN LITHUANIA

16:45-16:55

Meile JUCYTE¹, Mindaugas SMETANINAS¹, Artur AIRAPETIAN²

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ANATOMICAL VARIATIONS AND MORPHOMETRIC CHARACTERISTICS OF THE SURAL NERVE: A CADAVERIC STUDY IN THE LITHUANIAN POPULATION

16:55-17:05

Sofija SESTAK, Mindaugas SMETANINAS, Laura NEDZINSKIENE

Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

AWARENESS, KNOWLEDGE AND APPLICATION OF LIFESTYLE MEDICINE IN LITHUANIA: A CROSS-SECTIONAL COMPARISON OF HEALTH CARE PROFESSIONALS AND THE GENERAL PUBLIC

17:05-18:05

E-poster reviewing

19:00-23:00

Conference networking dinner. Awards of the best students' presentations (Verkiai Palace Restaurant, Žaliųjų ežerų Str. 49)

Friday, July 10th

(Faculty of Medicine, M.K. Čiurlionio str. 21)

10:00-14:00

Meeting of the Scientific Committee and Working groups:
The round table discussion "Challenges of Doctoral Studies: Current Situation and Future Perspectives."

E-POSTERS

Pre-recorded audio e-posters will be available on the Conference website (with a password only)

Dovile ABRAMIKIENE¹, Domantas GUDAS^{2,3}, Roma PURONAITE^{1,3,4}, Greta BURNEIKAITE^{1,5}, Audrone JAKAITIENE⁴, Sigita GLAVECKAITE^{1,5}

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MULTIMORBIDITY CLUSTERS AMONG HEART FAILURE PATIENTS: SURVIVAL DIFFERENCES

Hiba ACHAHBAR CHARKI¹, Ruta VOSYLIUTE², Renata SIMKUNAITE-RIZGELIENE², Justinas BALEISIS³, Romualdas RUDYS³, Inga BIKULCIENE^{3,4}

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STRESS UNDER THE MICROSCOPE: BETA-CELL AND NUCLEAR MORPHOMETRY IN EXPERIMENTAL TYPE 1 DIABETES

Tadas ALCAUSKAS¹, Vilija GURKSNIENE¹, Daiva KLIMASAUSKIENE², Ingrida LISAUSKIENE², Ligita JANCORIENE¹

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HUMAN-MICROBE CO-EVOLUTION IN THE INTENSIVE CARE: STOOL SURVEILLANCE AS A WINDOW INTO MULTIDRUG-RESISTANT COLONIZATION AND INFECTION RISK

Denizalp AZAZI¹, Sigita LESINSKIENE²

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PATIENT AND PARENT PERSPECTIVES ON INPATIENT CHILD AND ADOLESCENT PSYCHIATRIC CARE: FEEDBACK FROM A LITHUANIAN TERTIARY UNIT

Laura BALKEVICIENE^{1,2}, Saule SATKAUSKIENE³, Linas PETKEVICIUS³, Greta BURNEIKAITE^{1,2}, Jelena CELUTKIENE¹

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LONG-TERM PROGNOSTIC VALUE OF STRESS ECHOCARDIOGRAPHY AND EXERCISE ECG FINDINGS

Deividas BLAZYS¹, Julija IGNATJEVA¹, Giedre SMAILYTE^{2,3}, Linas ZALECKAS⁴, Alina PURIENE⁴

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RADIOLOGICAL FEATURES OF ROOT RESORPTION ASSOCIATED WITH JAW CYSTS

Katerina Akvile BLIUJUTE, Margarita DROZDOVA-STATKEVICIENE¹, Neringa PAUZIENE

Institute of Anatomy, Lithuanian University of Health Sciences, Kaunas, Lithuania

NEUROCHEMICAL AND MORPHOLOGICAL CHARACTERIZATION OF INTRACARDIAC GANGLIA IN OVINE ATRIA USING IMMUNOHISTOCHEMISTRY

Elvin Francisek BOGDZEVIC¹, Juozapas RYLISKIS¹, Andrej SUCHOMLINOV¹, Igoris SATKAUSKAS², Povilas MASIONIS²

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VARIATIONS OF POPLITEAL ARTERY TERMINAL BRANCHING: A PILOT STUDY IN A SAMPLE OF VILNIUS UNIVERSITY BODY DONORS

Andrius CEKUOLIS^{1,2}, **Rytis MAROZAS**², **Zivile SABONYTE-BALSAITIENE**¹, **Zana BUMBULIENE**¹

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IMAGING THE DEVELOPING BREAST: A SONOGRAPHIC JOURNEY FROM NEONATES TO ADOLESCENTS

Vaiva CESNAUSKYTE¹, **Dalia MILTINIENE**²

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ADULT-ONSET STILL'S DISEASE – A DIAGNOSTIC CHALLENGE AND ECONOMIC BURDEN: A CASE REPORT AND LITERATURE REVIEW

Vaiva CESNAUSKYTE¹, **Diana GASIUNAITE**²

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UTILITY OF THE ANALGESIA–NOCICEPTION INDEX (ANI) IN ANESTHESIA

Vytaute CHARZEVSKYTE, **Indre STANKEVICIENE**

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ELECTRONIC CIGARETTE USAGE FREQUENCY AND PERCEIVED DEPENDENCY AS PREDICTORS FOR XEROSTOMIA

Svetlana DAUENGAUER-KIRLIENE¹, **Alina URNIKYTE**², **Ingrida DOMARKIENE**², **Ausra MATULEVICIENE**¹

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PHENOTYPING PRETERM BIRTH HETEROGENEITY: COMPOSITE NEONATAL ADAPTATION IN A LITHUANIAN COHORT

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CLINICAL MANIFESTATIONS OF ANCA-ASSOCIATED VASCULITIS DEPENDING ON ANCA SEROPOSITIVITY: UNIVERSITY CLINIC EXPERIENCE

Julija BLAZYTE¹, Gerda DEVEIKIENE^{1,2}, Gintautas DOMZA^{1,2}, Jelena VOLOCHOVIC^{1,2}

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MATERNAL EXPOSURE TO TEMPERATURE EXTREMES AND IMPAIRED FOETAL GROWTH OUTCOMES: A SYSTEMATIC REVIEW

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FACTORS INFLUENCING REPRODUCTIVE DECISION-MAKING AMONG YOUNG ADULTS: A LITERATURE REVIEW AND DIRECTIONS FOR FUTURE SURVEY RESEARCH

Erdene GARUNKSTYTE¹, Egle Marija JAKIMAVICIENE², Jelena ISAKOVA³, Janina TUTKUVIENE²

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THE INFLUENCE OF FOETAL SEX ON THE FREQUENCY OF PREGNANCY COMPLICATIONS AND MODE OF DELIVERY

Viktorija GURSKYTE^{1,2}, Violeta MIKSTIENE^{1,3}, Rasa STRUPAITE – SILEIKIENE^{2,4}, Evelina SIAVRIENE¹, Audra STEPANAUSKAITE⁵, Audrone JAKAITIENE^{1,5}, Evelina Marija VAITENIENE^{1,3}, Ramunas DZINDZALIETA⁵, Algirdas UTKUS¹

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COMPARATIVE ANALYSIS OF MACULAR STRUCTURAL PARAMETERS AMONG GENETIC SUBTYPES OF ROD-CONE DYSTROPHIES

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MALE REPRODUCTIVE CHARACTERISTICS AND POSSIBLE CONTRIBUTING FACTORS (A LITERATURE REVIEW)

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ATTITUDES OF PREGNANT AND RECENTLY POSTPARTUM WOMEN TOWARD THE USE OF ARTIFICIAL INTELLIGENCE IN PREGNANCY AND CHILDBIRTH CARE

Alis KURDIAN¹, Marija Mantaute GUDYNAITE¹, Izabele GERVELYTE¹, Andrius KLIMASAUSKAS², Erika SALCIUTE-SIMENE²

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COMPARISON OF TWO INDIRECT CALORIMETRY DEVICES IN CRITICALLY ILL PATIENTS

**Ruta MERESKEVICIENE^{1,2}, Gabriele TARUTYTE³, Sigita GUSTAITE¹,
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DIFFERENCES IN VITAMIN AND FATTY ACID STATUS BETWEEN TUBERCULOSIS PATIENTS AND HEALTHY CONTROL SUBJECTS

**Ieva MICHAILOVIENE^{1,2}, Daiva VALADKEVICIENE^{1,3}, Ieva LAUCEVICIENE^{1,2},
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A SIX-YEAR CASE FOLLOW-UP ON FUNCTIONAL OUTCOME IN HUNTINGTON'S DISEASE: EFFECT OF ANNUAL INDIVIDUALIZED INPATIENT REHABILITATION COURSES

Emilija MIKULIENE¹, Ausra PABEDINSKAITE², Egle MAZGELYTE^{2,3}, Neringa BUROKIENE¹

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THE EFFECT OF BILATERAL NON-INVASIVE VAGUS NERVE STIMULATION ON STRESS-RELATED SYMPTOMS IN HEALTHY ADULTS

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BODY IMAGE DISSATISFACTION AND BODY MASS INDEX AMONG LITHUANIAN MEN BEFORE COVID-19 AND DURING QUARANTINE PERIODS

Karole Simona MOTIEJUNAITE^{1,2}, Indre STANKEVICIENE¹, Kristina DANIUNAITE², Alina PURIENE¹

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ASSOCIATION BETWEEN MPPED2 GENE POLYMORPHISM AND PERIODONTAL POCKETS IN ADULTS WITH INTELLECTUAL DISABILITIES

Gintare NASKAUSKIENE¹, Tadas ZVIRBLIS², Miglė GERVYTĖ², Diana RAMASAUSKAITE¹, Ingrida PILYPIENE¹, Zydrune VISOCKIENE¹

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METABOLIC PREDICTORS OF MATERNAL AND NEONATAL OUTCOMES IN WOMEN WITH GESTATIONAL DIABETES MELLITUS: A PROSPECTIVE COHORT STUDY

Emilija PAKALNICKAITE¹, Amrita SENKUTE¹, Patricija SMIGELSKAITE¹, Renata SIMKUNAITE-RIZGELIENE², Violeta ZALGEVICIENE², Violeta BARTUSKIENE², Ramune CEPULIENE², Ruta VOSYLIUTE², Janina TUTKUVIENE²

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MATERNAL MALNUTRITION AND HISTOMORPHOLOGICAL CHANGES IN CARDIAC AND SKELETAL MUSCLES OF FIRST-GENERATION RAT OFFSPRING: A PILOT STUDY

Meda PETRYLAITE¹, Renata SIMKUNAITE-RIZGELIENE², Violeta ZALGEVICIENE², Violeta BARTUSKIENE², Ramune CEPULIENE², Ruta VOSYLIUTE², Janina TUTKUVIENE²

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TRANSGENERATIONAL ASSOCIATIONS OF MATERNAL NUTRITIONAL INSUFFICIENCY WITH RENAL HISTOPATHOLOGICAL CHANGES IN RAT OFFSPRING

Irina POCIENE^{1,2}, Brigita LEBEDNYKIENE¹, Jolita RACKAUSKIENE¹, Vaida AVERJANOVAITE¹, Edvardas DANILA^{1,2}

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UNDERSTANDING RECURRENT PULMONARY EMBOLISM: POSSIBLE CAUSES

SNL Prasanna Bhargavi RAMISETTY¹, Ruta VOSYLIUTE², Renata SIMKUNAITE-RIZGELIENE², Justinas BALEISIS³, Romualdas RUDYS³, Inga BIKULCIENE^{3,4}

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STRUCTURAL CARDIAC REMODELING: CARDIOMYOCYTE AND NUCLEAR MORPHOMETRIC CHANGES ASSOCIATED WITH TYPE 1 DIABETES AND CHRONIC PSYCHOLOGICAL STRESS

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IMPLICIT BIAS: AN INNATE ADAPTATION OR AN ACQUIRED CAPACITY?

Sophie-Leonor REICHERT¹, Ruta VOSYLIUTE², Renata SIMKUNAITE-RIZGELIENE², Justinas BALEISIS³, Romualdas RUDYS³, Inga BIKULCIENE^{3,4}

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THE HIDDEN COST OF STRESS: OVARIAN REMODELING UNDER CHRONIC PSYCHOLOGICAL STRESS

Neringa REISYTE¹, Greta ZDANKUTE¹, Tomas BIRZIETIS²

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EXPOSURE TO LABOUR AS A DETERMINANT OF LONG-TERM HYPOTHALAMIC-PITUITARY-ADRENAL (HPA) AXIS PROGRAMMING IN CHILDREN

Laura REKUTE¹, Veronika SHKARUPA¹, Natasa GIEDRAITIENE², Rasa KIZLAITIENE²

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EPILEPSY IN MULTIPLE SCLEROSIS: FREQUENCY, CLINICAL CHARACTERISTICS, AND POSSIBLE DISEASE ASSOCIATION IN A SINGLE-CENTRE COHORT

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ANATOMICAL VARIABILITY AND MORPHOMETRIC CHARACTERISTICS OF THE HUMAN OPHTHALMIC ARTERY: A SYSTEMATIC LITERATURE REVIEW

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COMPARATIVE ANATOMY OF THE MAMMALIAN OPHTHALMIC ARTERY: A SYSTEMATIC REVIEW OF ANATOMICAL, MORPHOMETRIC, AND METHODOLOGICAL TRENDS

Anna Franziska RUDHART¹, Renata SIMKUNAITE-RIZGELIENE², Ruta VOSYLIUTE², Inga BIKULCIENE^{3,4}, Justinas BALEISIS³, Romualdas RUDYS³

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THE INFLUENCE OF TYPE 1 DIABETES AND CHRONIC PSYCHOLOGICAL STRESS ON HEPATIC FAT CONTENT AND HEPATOCYTE NECROSIS

Dovile RUZGIENE, Georgios STATHOGLU, Augustina JANKAUSKIENE

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RISK FACTORS ASSOCIATED WITH KIDNEY IMPAIRMENT IN DEHYDRATED CHILDREN

Pavni SINGH¹, Ruta VOSYLIUTE², Renata SIMKUNAITE-RIZGELIENE², Justinas BALEISIS³, Romualdas RUDYS³, Inga BIKULCIENE^{3,4}

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OPPOSING MORPHOLOGICAL EFFECTS OF CHRONIC STRESS AND DIABETES ON PERIVASCULAR WHITE ADIPOSE TISSUE

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ORAL HEALTH-RELATED QUALITY OF LIFE IN CHILDREN AND ADOLESCENTS WITH CLEFT LIP AND PALATE: A CROSS-SECTIONAL STUDY OF LITHUANIAN PATIENTS

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AN UNUSUAL COMMON MEDIAN-ULNAR NERVE TRUNK IN THE CUBITAL FOSSA: A NINETEENTH-CENTURY ANATOMICAL SPECIMEN AND ITS CLINICAL IMPLICATIONS

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ACCURACY OF DYNAMIC NAVIGATION FOR FIBER POST REMOVAL: AN IN VITRO STUDY

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PERI-IMPLANTITIS AS A MODERN INFLAMMATORY BURDEN: AGEING, PERIODONTAL SUSCEPTIBILITY AND ORAL HYGIENE

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CARDIAC TUMOURS: CHALLENGES IN DIAGNOSIS AND MANAGEMENT

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BIOMARKERS OF AORTIC STENOSIS PROGRESSION: CLINICAL SIGNIFICANCE OF INFLAMMATION, CALCIFICATION AND MYOCARDIAL REMODELLING

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PERCUTANEOUS CRYOABLATION FOR PANCREATIC INSULINOMA: A TWO-CASE SERIES AND LITERATURE REVIEW

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VIRTUAL CT DOSE REDUCTION IN EARLY-STAGE LUNG TUMOUR DIAGNOSIS: PULMONARY NODULE DETECTION AND CHARACTERISATION

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EFFECTS OF CHRONIC PSYCHOLOGICAL STRESS ON AORTIC MORPHOLOGY IN A RAT MODEL OF TYPE 1 DIABETES MELLITUS