



FOURTH INTERNATIONAL CONFERENCE

**Dedicated to the 100th Anniversary of
the Restoration of Lithuania's Independence**

5–10 June 2018, Vilnius University, Vilnius, LITHUANIA

EVOLUTIONARY MEDICINE: HEALTH AND DISEASES IN CHANGING ENVIRONMENT

Organized by the Faculty of Medicine, Vilnius University

KETVIRTOJI TARPTAUTINĖ KONFERENCIJA

Skirta Lietuvos nepriklausomybės atkūrimo 100-mečiui

2018 m. birželio mėn. 5–10 d. d., Vilniaus universitetas, Vilnius, LIETUVA

EVOLIUCINĖ MEDICINA: SVEIKATA IR LIGOS BESIKEIČIANČIOJE APLINKOJE

Rengėjas – Vilniaus universiteto Medicinos fakultetas

Sponsored by:



2014–2020 metų
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BERLIN-CHEMIE
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Albert ZINK (Bolzano, Italy)

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Janina TUTKUVIENĖ (Faculty of Medicine, Vilnius University)

Conference Secretary:

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Violeta ŽALGEVIČIENĖ (Faculty of Medicine, Vilnius University)

PROGRAMME AT A GLANCE

Tuesday, June 5th

- 14.00-15.00 Registration (Aula Minor)
15.00-15.30 Opening ceremony and concert (Aula Minor)
15.30-17.50 Session I (Aula Minor)
18.00-22.00 Welcome party (Café at the Faculty of History)

Wednesday, June 6th

- 8.30-9.00 Registration (Room 239)
9.00-11.00 Session I (Room 239)
11.00-11.30 Coffee break (University Café)
11.30-14.00 Session II (Room 239)
14.00-15.00 Lunch (University Café)
15.00-17.30 Session III (Room 239)

Thursday, June 7th

- 8.30-9.00 Registration (Room 239)
9.00-11.00 Session I (Room 239)
11.00-11.30 Coffee break (University Café)
11.30-14.00 Session II (Room 239)
14.00-15.00 Lunch (University Café)
15.00-17.30 Session III (Room 239)

Friday, June 8th

- 8.30-9.00 Registration (Room 239)
9.00-10.30 Session I (Room 239)
10.40-11.00 Coffee break (University Café)
11.00-13.00 Session II (Room 239)
13.00-14.00 Lunch (University Café)
14.00-17.00 Session III: E-POSTERS session (Room 239)
18.30-22.00 Farewell party in Trakai

Saturday, June 9th

- 12.00-16.00** Meeting of the Scientific Committee and Working group.
Round table discussion "Promoting Evolutionary medicine for PhD students and postdocs".

Sunday, June 10th

- 12.00-16.00** Meeting of the Scientific Committee and Working group.
Concluding remarks and future plans.

The International Conference
Evolutionary medicine:
Health and diseases in changing environment
(5th-8th of June, 2018, Vilnius University, LITHUANIA)

PROGRAMME

Tuesday, June 5th

14.00-15.00 Registration

(lobby near by Aula Parva, Old University Campus (Universiteto st. 3))

15.00-15.30 Opening ceremony and concert (Aula Parva)

15.30-17.50 Session I (Aula Parva)

Chairperson: Janina Tutkuvienė

15.30-16.10 Frank Rühli^{1,2}, Nicole Bender¹, Kaspar Staub¹, Patrick Eppenberger and Maciej Henneberg^{1, 2}

¹ Institute of Evolutionary Medicine, Medical Faculty, University of Zurich, Switzerland

² Discipline of Anatomy and Pathology, Medical School, University of Adelaide, Australia

ONGOING HUMAN EVOLUTION – OF CHANGING BODIES AND HUMAN PHYSIOLOGY

16.10-16.50 Rimantas Jankauskas

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

“PATHOGENS MAKETH MAN”: PALEOGENETICS OF PLAGUE AND SMALLPOX

16.50-17.30 Algirdas Utkus

Department of Human and Medical Genetics, Institute of Biomedicine Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

EVOLUTIONARY AETIOLOGY OF CONGENITAL ANOMALIES. IS IT TRUE?

17.30-17.50 DISCUSSION

18.00-22.00 Welcome party (Café at the Faculty of History, Old University Campus, Universiteto st. 7)

Wednesday, June 6th

8.30-9.00

Registration

(Room 239, Old University Campus, Universiteto st. 3)

9.00-11.00

Session I (Room 239)

Chairpersons: Frank Rühli, Algirdas Utkus

9.00-9.40

Marian Vanhaeren¹ and Wulf Schiefenhövel²

¹ Department of Social and Human Sciences, University of Bordeaux, Bordeaux, France

² Human Ethology Group, Max Planck Institute for Ornithology, Starnberg – Seewiesen, Germany

ENVIRONMENTAL FACTORS IN THE PREHISTORIC HUMAN PAST: IMPLICATIONS FOR HUMAN HEALTH ISSUES

9.40-10.20

Wulf Schiefenhövel

Human Ethology Group, Max Planck Institute for Ornithology, Starnberg – Seewiesen, Germany

ADAPTING TO THE MODERN WORLD? CONTINUITY AND CHANGE IN MORBIDITY PATTERNS AMONG THE EIPO IN THE HIGHLANDS OF WEST-NEW GUINEA

10.20-10.30

Andreas Lehmann¹, Jana A. Eccard¹, Christiane Scheffler¹, Ralf H.J.M. Kurvers², Melanie Dammhahn¹

¹ Animal Ecology, University of Potsdam, Potsdam, Germany

² Center for Adaptive Rationality, Max Planck Institute for Human Development, Berlin, Germany

PACE-OF-LIFE SYNDROME: LIFE-HISTORY, RISK-TAKING, AND CARDIOVASCULAR PHYSIOLOGY IN ADOLESCENTS

10.30-10.40

Donatas Austys¹, Nomeda Valevičienė^{2,3}, Rimantas Stukas¹

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

² Department of Radiology, Nuclear Medicine and Medical Physics, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³ Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

LIFESTYLE OF LITHUANIAN ADULTS WITH CORONARY ARTERY DISEASE

10.40-10.50

Rokas Baltušnikas¹, Tomas Baltrūnas², Kęstutis Ručinskas²

¹ Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

THE LITHUANIAN VERSION OF WALKING IMPAIRMENT QUESTIONNAIRE

10.50-11.00

DISCUSSION

11.00-11.30

Coffee break (University Café, Universiteto st. 3)

11.30-14.00 Session II (Room 239)

Chairpersons: Marian Vanhaeren, Wulf Schiefenhövel

11.30-12.10 **Inês Varela-Silva**

Exercise and Health Sciences, School of Sport, Loughborough University, UK

PHYSICAL GROWTH AND CARDIOVASCULAR HEALTH: A FOCUS ON STUNTING

12.10-12.50 **Marius Miglinas**

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

THE ROLE OF THE KIDNEYS IN HYPERTENSION PANDEMIC: AN EVOLUTIONARY PERSPECTIVE

12.50-13.00 **Andrius Berūkštis**, Aleksandras Laucevičius

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

MODIFICATION OF THE SYMPATHETIC NERVOUS SYSTEM IN TREATMENT OF HYPERTENSION, ONE OF THE BIGGEST EVOLUTIONARY DISEASES

13.00-13.10 **Rokas Šerpytis**^{1,2}, Lina Puodžiukaitė³, Saulius

Petrauskas³, Pranas Šerpytis^{1,2}

¹ Clinic of Cardiac and Vascular Diseases, Institute of Clinical medicine, Vilnius University Faculty of Medicine, Vilnius, Lithuania

² Center for Cardiology and Angiology, Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

³ Faculty of Medicine, Vilnius University, Vilnius, Lithuania

SURVIVAL OUTCOMES AFTER PERCUTANEOUS CORONARY INTERVENTION VERSUS CORONARY ARTERY BYPASS SURGERY FOR OCTOGENARIANS WITH LEFT MAIN CORONARY ARTERY DISEASE

13.10-13.20 **Skaistė Sendžikaitė**^{1,2}, Rita Sudikienė², Mieczysław

Litwin³, Agata Rybak⁴, Lukasz Obrycki³, Inguna Lubaua⁵, Pauls Silis⁵, Augustina Jankauskienė¹

¹ Clinic of Children's Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³ Department of Nephrology and Arterial Hypertension, The Children's Memorial Health Institute, Warsaw, Poland

⁴ Department of Cardiology, The Children's Memorial Health Institute, Warsaw, Poland

⁵ Clinic for Pediatric Cardiology and Cardiac Surgery, University Hospital for Children, Riga, Latvia

ARTERIAL HYPERTENSION AND MARKERS OF EARLY VASCULAR AGING IN CHILDREN WITH COARCTATION OF THE AORTA

13.20-13.30 **Karolis Jonas**¹, Virginijus Jakutis², Rita Sudikienė¹,

Virgilijus Lebetkevičius¹, Virgilijus Tarutis¹

¹ Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Clinic of Anesthesiology and Intensive Care, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

TRANSPOSITION OF THE GREAT ARTERIES: THE EVOLUTION OF TREATMENT IN A SINGLE LOW-CASE

- 13.30-13.40** **Mindaugas Budra**¹, Artūras Lipnevičius¹, Kęstutis Ručinskas¹, Vilius Janušauskas¹, Aleksejus Zorinas¹, Giovanni Speziali², Agnė Drasutienė¹, Diana Zakarkaitė¹, Audrius Aidietis¹
¹ Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² University of Pittsburgh Medical Center, Pittsburgh, PA, United States
EARLY OUTCOMES IN DEGENERATIVE MITRAL REGURGITATION SURGERY: CONVENTIONAL MITRAL VALVE REPAIR VERSUS TRANSAPICAL NEOCHORD IMPLANTATION
- 13.40-13.50** **Rūta Žulpaite**¹, Arminas Skrebūnas², Urtė Builytė^{1,3}, Givi Lengvenis⁴, Germanas Marinskis²
¹ Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
³ Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania
⁴ Department of Radiology, Nuclear Medicine and Medical Physics, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
THE ASSOCIATION OF PREOPERATIVE INTRASAC ABDOMINAL AORTIC ANEURYSM THROMBUS WITH OUTCOME FOLLOWING EVAR
- 13.50-14.00** **DISCUSSION**
- 14.00-15.00** **Lunch** (University Café, Universiteto st. 3)
- 15.00-17.30** **Session III (Room 239)**
Chairpersons: Inês Varela-Silva, Sławomir Koziel
- 15.00-15.40** **Michael Hermanussen**¹, Christiane Scheffler²
¹ Kiel University, Aschauhof, Altenhof, Germany
² Human Biologie, University of Potsdam, Institute of Biochemistry and Biology, Potsdam, Germany
EVOLUTION, NUTRITION, OR ADAPTIVE PLASTICITY: THE WORLD-WIDE VARIATION IN HUMAN GROWTH
- 15.40-16.20** **Elena Godina**
Institute and Museum of Anthropology, Lomonosov Moscow State University, Moscow, Russia
PHYSICAL DEVELOPMENT OF CHILDREN AS A REFLECTION OF THEIR HEALTH STATUS: GEOGRAPHIC VARIATIONS OF GROWTH PARAMETERS IN RUSSIA
-
- 16.20-16.30** Violeta Bartuškienė¹, Antanas Kairys², Roberta Šarvaitė¹, **Valerija Tutukova**¹, Janina Tutkuvienė¹
¹ Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² Laboratory of Applied Psychology, Institute of Psychology, Faculty of Philosophy, Vilnius University, Vilnius, Lithuania
INFLUENCE OF MATERNAL UNDERNUTRITION ON THE BEHAVIORAL PATTERNS OF TWO OFFSPRING GENERATIONS IN A RAT MODEL
- 16.30-16.40** **Rūta Morkūnienė**¹, Jelena Isakova², Eglė Marija Jakimavičienė¹, Nijolė Drazdienė³, Vytautas Basys⁴, Janina Tutkuvienė¹
¹ Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² Health Information Centre, Institute of Hygiene, Vilnius, Lithuania
³ Clinic of Obstetrics and Gynecology, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
⁴ Lithuanian Academy of Sciences, Vilnius, Lithuania

THE DISTRIBUTION OF NEWBORN HEAD CIRCUMFERENCE: AN EXAMPLE FOR THE EVOLUTIONARY FIXED DEVELOPMENTAL MECHANISMS?

16.40-16.50 **Agnė Jagelavičienė**¹, Justina Kučinskaitė², Agnė Krživickytė², Vytautas Usonis¹

¹ Clinic of Children's Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Vilnius University Faculty of Medicine, Lithuania

ATOPIC MARCH IN PRESCHOOL-AGE. WHAT IS THE ROLE OF VACCINES?

16.50-17.00 Odeta Kinčinienė¹, **Augė Lesinskaitė**², Rokas Šambaras², Sigita Lesinskienė³

¹ Clinic of Children's Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³ Clinic of Psychiatry, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

TEN-YEAR DYNAMICS OF SELF-POISONING: AN OVERVIEW OF CHILDREN'S RESCUCITATION AND INTENSIVE CARE UNIT AT VILNIUS CITY CLINICAL HOSPITAL

17.00-17.10 **Aistis Žalnera**

Department of Medical History and Ethics, Institute of Health Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

EVOLUTIONARY THOUGHTS IN JĘDRZEJ ŚNIADECKI'S WORK *O FIZYCZNEJ WYCHOWANIU DZIECI* (ON THE PHYSICAL EDUCATION OF CHILDREN)

17.10-17.30 **DISCUSSION**

Thursday, June 7th

8.30-9.00 **Registration**

(Room 239, Old University Campus, Universiteto st. 3)

9.00-11.00 Session I (Room 239)

Chairpersons: Elena Godina, Michael Hermanussen

9.00-9.40 **Douglas E. Crews** and Nicholas C. Kawa

Department of Anthropology, Ohio State University, Columbus OH, USA
CHANGING ENVIRONMENTS, UNCERTAINTY, AND ALLOSTATIC LOAD

9.40-10.20 **Sławomir Koziel**

Department of Anthropology, Hirszfeld Institute of Immunology and Experimental Therapy. Polish Academy of Sciences, Wrocław, Poland
GROWTH AND DEVELOPMENT OF CHILDREN EXPOSED TO PRENATAL MATERNAL STRESS CAUSED BY NATURAL DISASTER

10.20-10.30 **Alexandra C. Tuggle**, Jeffrey H. Cohen, and Douglas E. Crews

Department of Anthropology, The Ohio State University, Columbus, OH, USA

CHANGING ENVIRONMENTS AND ALLOSTATIC LOAD: MODELING EXPERIENCES OF MEXICAN MIGRANTS IN THE UNITED STATES

10.30-10.40 **Vaida Taminskienė**

Department of Public Health, Institute of Health Science, Vilnius University, Vilnius, Lithuania

POPULATION HEALTH IN THE CONTEXT OF CLIMATE CHANGE

10.40-10.50 **Aida Grabauskaitė**, Mindaugas Baranauskas, Inga Griškova-Bulanova

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

INTEROCEPTION AT ITS PSYCHOLOGICAL AND PHYSIOLOGICAL LEVEL:
EMPHASIS ON WORRYING

10.50-11.00 DISCUSSION

11.00-11.30 Coffee break (University Café, Universiteto st. 3)

11.30-14.00 Session II (Room 239)

Chairpersons: Douglas E. Crews, Marius Miglinas

11.30-12.10 Janina Tutkuvienė, Simona Šilovė
Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

PUBERTAL MATURATION IN CHANGING ENVIRONMENT: SECULAR TREND IN MENARCHEAL AGE DURING THE LAST 100 YEARS – AN EXAMPLE OF DEVELOPMENTAL PLASTICITY

12.10-12.50 Sylvia Kirchengast

Department of Anthropology, University of Vienna, Vienna, Austria
THE AGEING PLANET: HUMAN SENESCENCE IN A CHANGING WORLD

12.50-13.00 Sigita Mėlynytė¹, Sidse Arnfred^{2,3}, Inga Griškova-Bulanova¹

¹ Department of Neurobiology and Biophysics, Institute of Biosciences, Vilnius University, Vilnius, Lithuania.

² Psychiatric Hospital Slagelse, Denmark

³ Faculty of Health Sciences, University of Copenhagen, Denmark

GENDER DIFFERENCES IN SOMATIC AWARENESS

13.10-13.20 Eglė Audronytė, Gintaras Kaubrys

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

OLFACTORY DYSFUNCTION AS A BIOMARKER FOR THE EARLY DIAGNOSIS OF ALZHEIMER'S DISEASE

13.00-13.10 Rasa Strupaitė^{1,3}, Laima Ambrozaitytė^{2,3}, Raimonda Meškienė^{2,3}, Loreta Cimbalistienė^{2,3}, Ieva Strupaitė-Šakalienė⁴, Algirdas Utkus²

¹ Clinic of Ear, Nose, Throat, and Eye Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Department of Human and Medical Genetics, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³ Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

⁴ Faculty of Medicine, Vilnius University, Vilnius, Lithuania

CLINICAL HETEROGENEITY OF THE LITHUANIAN RETINITIS PIGMENTOSA GROUP

13.20-13.30 Tatjana Liakina^{1,2}, Jörg Wellmer³, Rūta Mameniškienė⁴

¹ Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

³ Ruhr-Epileptology, Department of Neurology, University Hospital Knappschaftskrankenhaus, Bochum, Germany

⁴ Clinics of Neurology and Neurosurgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

ADVANCES IN THE POST PROCESSING OF PARACLINICAL DATA FOR DIAGNOSIS AND MANAGEMENT OF EPILEPSY

13.30-13.40 Agnė Ovčnikova¹, Rasa Kizlaitienė¹, Gintaras Kaubrys¹, Gytė Pakulaitė-Kazlienė¹, Jurgita Žižienė³, Julius Griškevičius³, Kristina Daunoravičienė³

¹ Department of Neurology and Neurosurgery, Faculty of Medicine, Vilnius University, Lithuania

² Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

³ Department of Biomechanics, Vilnius Gediminas Technical University, Vilnius, Lithuania

- 13.40-13.50** ATAXIA: FROM SUBJECTIVE TO OBJECTIVE EVALUATION
Domantas Valančius¹, Rytis Masiliūnas^{2,4}, Aistė Paškoniienė^{3,4}, Kristina Ryliškienė^{2,4}
¹ Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² Clinic of Neurology and Neurosurgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Lithuania
³ Centre for Ear, Nose and Throat Diseases, Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania
⁴ Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania
TRANSLATION AND VALIDATION OF THE LITHUANIAN VERSION OF THE DIZZINESS HANDICAP INVENTORY
- 13.50-14.00 DISCUSSION**
- 14.00-15.00 Lunch** (University Café, Universiteto st. 3)
- 15.00-17.30 Session III (Room 239)**
Chairpersons: Sylvia Kirchengast, Jonas Bunikis
- 15.00-15.40 Jonas Bunikis**
European Research Council, Brussels, Belgium
GRANTSMANSHIP FOR BIOMEDICAL RESEARCH: FACE-TO-FACE WITH A PEER-REVIEW PANEL. EUROPEAN RESEARCH COUNCIL PERSPECTIVE
- 15.40-16.20 Martin Musalek**
Department of Kinanthropology and Humanities, Faculty of Physical Education and Sport, Charles University, Praha, Czech Republic
SLIM FAT PARADOX: EVOLUTIONARY MISMATCH
-
- 16.20-16.30 Bronius Buckus**, Gintautas Brimas
Clinic of Gastroenterology, Nephro-Urology and Surgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
ADIPOSE TISSUE DISTRIBUTION AND ITS IMPACT ON METABOLIC DISTURBANCES IN OBESE PATIENTS
- 16.30-16.40 Indrė Sakalauskaitė**, Arūnas Barkus, Jonas Drašutis, Janina Tutkuvienė
Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
BREAST VOLUME CHANGES IN RELATION TO SKINFOLD THICKNESS DURING PREGNANCY AND ONE YEAR POST-PARTUM PERIOD
- 16.40-16.50 Aistė Kielaitė-Gulla**^{1,3}, Julija Razumienė⁴, Rima Budvytytė⁴, Vidutė Gurevičienė⁴, Tadas Penkauskas⁴, Artūras Samuilis^{2,3}, Kęstutis Strupas^{1,3}
¹ Clinic of Gastroenterology, Nephro-Urology and Surgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² Department of Radiology, Nuclear Medicine and Medical Physics, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
³ Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania
⁴ Institute of Biochemistry, Life Sciences Center, Vilnius University, Vilnius, Lithuania
DIAGNOSTIC ACCURACY OF HEAT SHOCK PROTEIN-90 AND INTRAVENOUS CONTRAST-ENHANCED ULTRASONOGRAPHY IN ACUTE PANCREATITIS
- 16.50-17.00 Violeta Mikštienė**
Department of Human and Medical Genetics, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
GENOME EDITING IN MEDICINE: STATE OF THE ART AND PERSPECTIVES

17.00-17.30 DISCUSSION

Friday, June 8th

8.30-9.00 Registration

(Room 239, Old University Campus, Universiteto st. 3)

9.00-11.00 Session I (Room 239)

Chairpersons: Rimantas Jankauskas, Albert Zink

9.00-9.40 Albert Zink

Institute for Mummies and the Iceman, EURAC Research, Bolzano, Italy
MODERN MUMMY RESEARCH AND THE EVOLUTION OF PATHOGENS

9.40-9.50 Andrius Vaitiekus¹, Artur Versocki², Mindaugas Kvietkauskas², Janina Tutkuvienė¹

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

² Faculty of Medicine, Vilnius University, Vilnius, Lithuania

COMPARATIVE ANALYSIS OF ANTHROPOMETRIC AND RADIOGRAPHIC METHODS FOR THE EVALUATION OF THE TIBIOFEMORAL ANGLE ALIGNMENT - A PILOT STUDY

9.50-10.00 Tomas Sveikata¹, Paulius Kanopa^{2,3}, Martyna

Sveikataitė², Dalius Klimas², Narūnas Porvaneckas¹

¹ Clinic of Rheumatology, Orthopedics Traumatology and Reconstructive Surgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³ Republican Vilnius University Hospital, Vilnius, Lithuania

DO PATIENT FACTORS INFLUENCE TOTAL KNEE ARTHROPLASTY OUTCOMES?

10.00-10.10 Eglė Janušonytė¹, Edita Paulikaitė², Emilija

Šermukšnytė¹, Virginija Bukelskienė³, Grita Skujienė², Violeta Žalgevičienė⁴

¹ Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Department of Zoology, Institute of Bioscience, Life Sciences Center, Vilnius University, Vilnius, Lithuania,

³ Department of Biological Models, Institute of Biochemistry, Life Sciences Center, Vilnius University, Vilnius, Lithuania

⁴ Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

THE EFFECTS OF OVERDOSE CONCENTRATION OF FLUORINE AND BORON IN DRINKING WATER ON THE RAT EMBRYO MASS, SKELETON FORMATION, AND TEETH STRUCTURE

10.10-10.20 Eglė Vindašiūtė-Narbutė, Tomas Linkevičius

Institute of Odontology, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

FACTORS ASSOCIATED WITH REMOVAL OF THE CEMENT EXCESS IN IMPLANT-SUPPORTED RESTORATIONS

10.20-10.30 Paulius Andrijauskas¹, Jonas Alkimavičius², Saulius

Žukauskas¹, Tomas Linkevičius¹

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

² Faculty of Odontology, Lithuanian University of Health Sciences, Kaunas, Lithuania

CLINICAL EFFECTIVENESS OF RUBBER DAM AND GINGIVAL DISPLACEMENT CORD WITH COPY ABUTMENT ON REDUCING RESIDUAL CEMENT FOR CEMENT-RETAINED IMPLANT CROWNS

10.30-10.40 **Lorna Anne Dawson**¹, Dario Piombino-Mascali², Svanlaug Elsa Steingrimsdóttir¹
¹ The James Hutton Institute, Aberdeen, UK
² Department of Anatomy, Histology and Anthropology, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, Lithuania
THE USE OF ORGANIC BIOMARKERS AS INDICATORS OF HUMAN DECOMPOSITION IN ANCIENT CRYPT CONDITIONS

10.40-11.00 **Coffee break** (University Café, Universiteto st. 3)

11.00-13.00 **Session II (Room 239)**

Chairpersons: Saša Missoni, Martin Musalek

11.00-11.40 **Saša Missoni**

Institute for Anthropological Research, Zagreb, Croatia
COMPONENTS OF METABOLIC SYNDROME IN CROATIAN ADOLESCENTS

11.40-11.50 **Greta Balčiūniene**^{1,2}, Valerija Tutukova³, Diana

Ramašauskaitė^{1,2}, Gražina Stanislava Drašutienė^{1,2}

¹ Clinic of Obstetrics and Gynecology, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

² Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

³ Faculty of Medicine, Vilnius University, Vilnius, Lithuania

QUANTATIVE ULTRASOUND ANALYSIS OF FETAL LUNG MATURITY TO PREDICT NEONATAL RESPIRATORY MORBIDITY

11.50-12.00 **Aušvydas Patašius**^{1,2}, Albertas Ulys³, Robertas Adomaitis⁴,

Giedrė Smailytė^{1,2}

¹ Laboratory of Cancer Epidemiology, National Cancer Institute, Vilnius, Lithuania

² Department of Public Health, Institute of Health Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

³ Department of Oncology, National Cancer Institute, Vilnius, Lithuania.

⁴ Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

DEVELOPMENT OF PSA-BASED PROSTATE CANCER EARLY DETECTION PROGRAMME IN LITHUANIA BETWEEN 2006 AND 2009

12.00-12.10 **Ieva Vincerževskienė**¹, Domantas Jasilionis^{2,3}, Giedrė

Smailytė^{1,4}

¹ Laboratory of Cancer Epidemiology, National Cancer Institute, Vilnius, Lithuania

² Centre for Demographic Research, Vytautas Magnus University, Kaunas, Lithuania

³ Laboratory of Demographic Data, Max Planck Institute for Demographic Research, Rostock, Germany

⁴ Department of Public Health, Institute of Health Sciences, Faculty of Medicine, Vilnius University, Vilnius, Lithuania

URBAN-RURAL DISPARITIES IN CANCER INCIDENCE AND MORTALITY IN LITHUANIA, 2001-2009

12.10-12.20 Gabrielė Kalvelytė¹, **Austėja Žibūdaitė**¹, Daiva

Radzišauskienė², Kęstutis Žagminas³

¹ Faculty of Medicine, Vilnius University, Lithuania

² Clinic of Infectious and Chest Diseases, Dermatovenerology and Allergology, Faculty of Medicine, Vilnius University, Lithuania

³ Department of Public Health, Institute of Health Sciences, Faculty of Medicine, Vilnius University

EPIDEMIOLOGY OF TICK-BORNE ENCEPHALITIS (TBE) AND CLINICAL PRESENTATION IN THE LIGHT OF THE HIGH AND LOW NUMBER OF INCIDENCE

12.20-12.30 **Andrius Bleizgys**

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

VITAMIN D DEFICIENCY IN MODERN SOCIETIES – WHY AND HOW?

12.30-12.40 **Closing oral presentation: Andrej Suchomlinov**

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

ON THE EVOLUTION OF HOBBITS FROM MIDDLE-EARTH

12.40-13.00 **DISCUSSION**

13.00-14.00 **Lunch** (University Café, Universiteto st. 3)

14.00-17.00 **Session III**

Short presentations (*) and E-Posters' session (Room 239)

Chairpersons: Andrej Suchomlinov, Arūnas Barkus

***Aušra Aleknaite**, Gintaras Simutis, Juozas Stanaitis

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

Vilnius University Hospital Santaros Klinikos, Vilnius, Lithuania

PREDICTION OF CHOLEDOCHOLITHIASIS PRIOR TO LAPAROSCOPIC CHOLECYSTECTOMY USING AN ORIGINAL PROGNOSTIC INDEX

***Giedrė Baliūnienė**, Rasmutė Manelienė

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ANTIBIOTIC PRESCRIPTION BY MEMBERS OF THE LITHUANIAN SOCIETY OF ENDODONTOLOGY. A PILOT STUDY

***Vytenis Bertašius**^{1,2}, Žymantas Jagelavičius^{2,3}, Ričardas Janilionis^{2,3}

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DISASTROUS COMPLICATIONS AFTER TRACHEOSTOMY IN ONE PATIENT: IS IT POSSIBLE TO SURVIVE?

***Inga Bikulčienė**, Orinta Golubevaitė, Dovilė Karčiauskaitė, Vaiva Hendrixson, Arvydas Kaminskas, Zita Aušrelė Kučinskienė

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

THE RELATIONSHIP BETWEEN FATTY ACID COMPOSITION OF PLATELET MEMBRANE, BLOOD SERUM MALONDIALDEHYDE AND BODY MASS INDEX IN HEALTHY MEN

Jekaterina Byčkova¹, Gabrielė Černytė², Margarita Gromova³, Silvija Kiverytė⁴, Vaiva Mickevičienė⁴, Violeta Mikštienė⁵, Eugenijus Lesinskas¹

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ETIOLOGY OF DEAFNESS AND THE EFFECT ON PEDIATRIC COCHLEAR IMPLANTATION OUTCOMES

***Eglė Brokartaitė¹**, Ieva Strupaitė-Šakalienė¹, Greta Bukelytė¹, Janina Tutkuvienė²

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GENDER DIFFERENCES IN BODY IMAGE AND SELF-ESTEEM PASSING FROM ADOLESCENCE TO ADULTHOOD

***Greta Bukelytė¹**, Greta Bružytė¹, Tomas Strainys², Eglė Kontrimavičiūtė^{2,3}

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COMPARISON OF ANALGESIA METHODS AFTER KNEE JOINT ARTHROPLASTIC SURGERY: INTRATHECAL MORPHINE VERSUS LOCAL INFILTRATION WITH ROPIVACAINE

***Ieva Buzytė¹**, Saulius Drukteinis¹, Vytautė Pečiulienė¹, Hagay Shemesh²

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² Academic Centre for Dentistry Amsterdam (ACTA), Amsterdam, The Netherlands

MICRO-COMPUTED TOMOGRAPHY ASSESSMENT OF DENTINAL MICRO-CRACKS AFTER ROOT CANAL PREPARATION WITH ROTARY, HYBRID AND RECIPROCATING NICKEL TITANIUM INSTRUMENT SYSTEMS

Egle Čiburienė¹, Joaquim Cevallos², Vicki Chambers², Stuart Rosen², Alexander Lyon^{2,3}

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THE PREVALENCE OF IRON DEFICIENCY IN CARDIO-ONCOLOGY CLINIC PATIENTS AND ITS INFLUENCE TO PATIENTS' CONDITION AND OUTCOMES

***Dovilė Geštautaitė¹**, **Greta Jankutė¹**, Evelina Pajėdienė²

¹ Lithuanian University of Health Sciences, Kaunas, Lithuania

² Department of Neurology, the Hospital of LSMU Kauno Klinikos, Kaunas, Lithuania

PREVALENCE OF NARCOLEPSY SYMPTOMATOLOGY AMONG LITHUANIAN PEOPLE

Samanta Grubytė, Kęstutis Žagminas

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EPIDEMIOLOGY OF ACUTE HEPATITIS C VIRUS INFECTION IN LITHUANIA FROM 2005-2017

***Eglė Jakubauskienė**, Laurynas Vilys, Arvydas Kanopka

Department of Immunology and Cell Biology, Institute of Biotechnology,

Life Sciences Center, Vilnius University, Vilnius, Lithuania

INFLUENCE OF HYPOXIA ON ALTERNATIVE APP AND TAU SPLICING

Jonas Jarašūnas¹, Goda Jakovlevaitė², Audrius Aidietis¹

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ANXIETY AND DEPRESSION IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION

***Šarūnas Judickas¹**, **Greta Stanevičienė²**, Jūratė Šipylaitė¹

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COLONIZATION OF CRITICALLY ILL ONCOHEMATOLOGICAL PATIENTS WITH MULTIRESISTANT MICROORGANISMS AND THEIR DYNAMICS

***Auguste Kačėnienė¹**, Edvardas Danila^{2,3}, Saulius Cicėnas¹ and Giedrė Smailytė^{1,4}

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SUICIDE RISK AMONG LUNG CANCER PATIENTS IN LITHUANIA

Aistė Kadziauskienė^{1,2}, Ernesta Jašinskienė², Rimvydas Ašoklis^{1,2}, Eugenijus Lesinskas^{1,2}, Leopold Schmetterer^{3,4,5,6,7}

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DISPLACEMENT OF LAMINA CRIBROSA AFTER GLAUCOMA SURGERY

***Justina Kučinskaitė¹**, Agnė Krživickytė¹, Agnė Jagelavičienė², Vytautas Usonis²

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ATOPIC DERMATITIS ONSET IS NOT RELATED TO THE RECEIVED VACCINES DOSES DURING THE FIRST SEVEN MONTHS OF LIFE

***Benediktas Kurlinkus^{1,2}**, Audrius Šileikis^{1,2}, Mindaugas Valius³, Jonas Cicėnas^{3,4}, Algirdas Kaupinis³, Marija Ger³, Marius Petrulionis^{1,2} and Kęstutis Strupas^{1,2}

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PROTEOMIC ANALYSIS OF CANCEROUS, INFLAMMATORY AND HEALTHY PANCREATIC TISSUES: DISCOVERY OF POTENTIAL BIOMARKER TO IMPROVE PANCREATIC CANCER DIAGNOSTICS

Jurgita Kuzmickienė, Gintaras Kaubrys

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

DEMOGRAPHIC, CLINICAL AND COGNITIVE PREDICTORS OF ALZHEIMER'S DISEASE RESPONSE TO TREATMENT WITH DONEPEZIL

Guoda Laurinavičiūtė¹, Violeta Bartuškienė¹, Agnė Žiniauskaitė², Symantas Ragauskas², Giedrius Kalesnykas², Violeta Žalgevičienė¹, Renata Šimkūnaitė-Rizgeliene¹, Ramunė Čepulienė¹, Eglė Marija Jakimavičienė¹, Saulius Galgauskas³, Janina Tutkuvienė¹

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MORPHOLOGICAL CHANGES OF THE AGING RETINA IN AN EXPERIMENTAL MODEL OF MATERNAL NUTRITIONAL RESTRICTION

***Rūta Maceinaitė**, Genė Šurkienė

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TEACHERS' PARTICIPATION IN SCHOOLCHILDREN'S HEALTH PROMOTION PROCESS: RESULTS OF A PILOT STUDY

Domantė Mačiulytė¹, Viktorija Andrejevaitė²

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SMOKING CESSATION SUPPORT FOR THE MENTALLY ILL PATIENTS. A CLINICAL CASE

***Aleksas Makulavičius**^{1,2}, Matas Urmanavičius², Giedrius Mazarevičius², Mindaugas Klinga², Valentinas Uvarovas^{1,2}, Xavier Martin³, Narūnas Porvaneckas^{1,2}

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RETURN TO SPORT COULD BE FASTER AFTER OPEN REPAIR OF ACUTE ACHILLES TENDON RUPTURE

***Sandra Mažeikienė**¹, Sigitas Laima¹, Sigitas Chmieliauskas¹, Dmitrij Fomin², Rokas Šimakauskas¹, Jurgita Stasiūnienė¹

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DEONTOLOGICAL EXAMINATION AS A CRITERION FOR THE ASSESSMENT OF PERSONAL HEALTHCARE PROFESSIONAL QUALITY

***Eglė Mazgelytė**, Dovilė Karčiauskaitė, Aušra Linkevičiūtė, Zita Aušrelė Kučinskienė

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METHODOLOGICAL CONSIDERATIONS FOR MEASURING HAIR CORTISOL LEVEL AS A BIOLOGICAL MARKER OF CHRONIC STRESS

Greta Mickevičiūtė^{1,3}, Tomas Baltrūnas^{2,3}, Kęstutis Ručinskas^{2,3}

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SURVIVAL AFTER LOWER-LIMB AMPUTATION

Vitalija Miežutavičiūtė

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THE 110 YEARS ANNIVERSARY OF PROFESSOR VLADAS KVIKLYS – THE INITIATOR OF SCHOOL HYGIENE IN LITHUANIA

***Ignas Milkevičius**¹, Jonas Tutkus¹, Erika Šalčiūtė^{1,2}, Eduardas Ambrasas^{1,2}, Andrius Klimašauskas^{2,3}

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THE IMPACT OF NUTRITION ON MORTALITY RATE IN INTENSIVE CARE UNITS

Raminta Mozūraitė¹, Lina Šlekienė¹, Donatas Stakišaitis², Ingrida Balnytė¹, Angelija Valančiūtė¹

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SODIUM VALPROATE EFFECTS IN CHICKEN EMBRYO CHORIOALLANTOIC MEMBRANE AFTER SMALL CELL LUNG CANCER TUMORS TRANSPLANTATION

Julija Mozūraitienė¹, Aistė Petrovaitė², Kristina Bielskienė³, Živilė Gudlevičienė³

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FBW7 ACTIVATOR ORIDONIN AND MDM2 INHIBITORS NUTLIN-3/RITA EFFECT ON HUMAN MELANOMA CELL LINES

***Audronė Mulevičienė**¹, Federica D'Amico², Silvia Turrone², Marco Candela², Augustina Jankauskienė¹

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GUT MICROBIOTA PROFILE OF HEALTHY LITHUANIAN INFANTS AND YOUNG CHILDREN: A PILOT STUDY

***Jūratė Navikienė**, Arūnas Liubšys, Augustina Jankauskienė

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EVALUATION OF CEREBRAL OXYGENATION USING NEAR INFRARED SPECTROSCOPY IN PRETERM INFANTS WITH NATURAL EVOLUTION OF *DUCTUS ARTERIOSUS*

***Aistė Paškoniene**^{1,2}, Vėtra Markevičiūtė³, Givi Lengvenis^{2,4}, Renata Baltagalviene^{2,4}, Eugenijus Lesinskas^{1,2}

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DIAGNOSTIC FEATURES OF THE MENIERE'S DISEASE

***Ieva Jūra Paulavičienė**, Arūnas Liubšys, Vytautas Usonis

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DYNAMICS OF HUMAN MILK MACRONUTRIENT COMPOSITION DURING A 24-HOUR PERIOD

Dario Piombino-Mascali¹, Sarah Shrimpton², Caroline M. Wilkinson²

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² Face Lab, Liverpool John Moores University, United Kingdom

THE LATE MONSIGNOR ANTONIO FRANCO (1585-1626): COMPUTERIZED FACIAL RECONSTRUCTION OF A NEAPOLITAN BLESSED

Dario Piombino-Mascali

Department of Cultural Heritage and of Sicilian Identity, Palermo, Italy

Department of Anatomy, histology and Anthropology, Institute of Biomedical Sciences, Vilnius University, Vilnius, Lithuania

SPONTANEOUS AND ANTHROPOGENIC MUMMIFICATION METHODS IN SICILY (1600-1900)

***Aušrinė Pliauckienė, Arūnas Liubšys,** Vytautas Usonis
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Children's Hospital, Vilnius, Lithuania
COMPARISON OF TWO NON-INVASIVE NEONATAL CARDIAC OUTPUT MEASUREMENTS

***Lina Puodžiukaitė¹,** Karolina Kaunaitė¹, Lukas Balčiūnas², Jūratė Šipylaitė²
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²Department of Anesthesiology and Intensive Care, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
IMPACT OF TRAINING ON THE QUALITY OF CARDIOPULMONARY RESUSCITATION

***Lina Puodžiukaitė¹,** Donata Ringaitienė^{2,3}, Vaidas Vicka^{1,3}, Jūratė Šipylaitė^{2,3}
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BIOELECTRICAL IMPEDANCE ANALYSIS PARAMETERS AS RISK FACTORS FOR POSTOPERATIVE HEMOGLOBIN DECREASE IN CARDIAC SURGERY PATIENTS

Gediminas Račkauskas, Germanas Marinskis, Audrius Aidietis
Clinic of Cardiac and Vascular Diseases, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
Vilnius University Hospital Santaros Klinikos
SUBTHRESHOLD HIGH-FREQUENCY ELECTRICAL FIELD STIMULATION INDUCES VEGF EXPRESSION IN CARDIOMYOCYTES

***Andrius Rybakovas¹,** Virgilijus Beiša¹, Gintautas Tamulevičius², Kęstutis Strupas¹
¹ Clinic of Gastroenterology, Nephro-Urology and Surgery, Institute of Clinical Medicine, Faculty of Medicine, Vilnius University, Vilnius, Lithuania
² Institute of Data Science and Digital Technologies, Faculty of Mathematics and Informatics, Vilnius University, Vilnius, Lithuania
COULD WE USE AN INTRAOPERATIVE VOCAL CORD ULTRASONOGRAPHY IN IDENTIFYING VOCAL CORDS MOVEMENTS AND REDUCING THE RISK OF BILATERAL PALSY?
PROSPECTIVE TRIAL DATA

Virginija Rudienė^{1,2}, Sigita Glaveckaitė^{1,2}, Diana Zakarkaitė^{1,2}, Lina Gumbienė^{1,2,3}, Audrius Aidietis^{1,2}
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COR TRIANGULUM SINISTRUM WITH OBSTRUCTION: A RARE PRESENTATION IN AN ADULT

***Viltė Gabrielė Samsonė¹,** Žustina Bezliapovič¹, Eglė Sakalauskaitė-Juodeikienė^{2,3}, Dalius Jatužis^{2,3}
¹ Faculty of Medicine, Vilnius University
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THE RECEPTION OF ANIMAL MAGNETISM IN THE NINETEENTH CENTURY VILNIUS

Svetlana Solovjova¹, Roma Puronaitė^{1,2}, Milita Stuopelytė³, Ligita Ryliškytė^{1,4}
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THE COHERENCE BETWEEN ARTERIAL STIFFNESS AND LEFT VENTRICULAR DIASTOLIC FUNCTION IN PATIENTS WITH METABOLIC SYNDROME: LONGITUDINAL STUDY

Elvyra Stanevičiūtė¹, Povilas Kavaliauskas², Rūta Prakapaitė³, Martynas Ridziauskas⁴, Agnė Kirkliauskienė⁵, Vaidotas Zabulis⁶, Jurgita Urbonienė⁶, Vytautas Triponis¹ and Vytautas Sirvydis¹

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IN VITRO EVALUATION OF ANTISEPTICS AGAINST STAPHYLOCOCCUS AUREUS BIOFILMS FORMED IN DIFFERENT SURROUNDINGS

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RELATIONSHIP BETWEEN SOCIODEMOGRAPHIC FACTORS AND ATTITUDE TOWARDS EMIGRATION AMONG HEALTHCARE PERSONNEL IN LITHUANIA

Giedrė Stundžaitė- Baršauskienė¹, Janina Tutkuvienė², Rūta Venciūtė¹, Jolanta Dadonienė¹

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GENERAL HEALTH STATUS, SELF-ESTEEM AND BEING DISTRESSED AT SOCIAL ENVIRONMENTS IN PATIENTS AFTER NASAL RECONSTRUCTION SURGERIES DUE TO DIFFERENT REASONS

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ROLE OF NUTRITIONAL IMMUNOMODULATION IN IMMUNE RESPONSES IN MALNOURISHED PATIENTS UNDERGOING CARDIAC SURGERY

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MEASURED VS CALCULATED ENERGY EXPENDITURE IN PATIENTS WITH ACUTE SEVERE PANCREATITIS

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NUTRITION THERAPY OF PATIENTS WITH SEVERE ACUTE PANCREATITIS

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VALIDATION OF THE LITHUANIAN ARTHROPLASTY REGISTRY

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CYTOTOXICITY AND PRIMARY MECHANISMS OF CELL DEATH INDUCED BY COMMONLY USED DENTAL LUTING CEMENTS

***Jonas Tutkus**¹, Erika Šalčiūtė^{1,2}, Ignas Milkevičius¹, Eduardas Ambrasas^{1,2}, Andrius Klimašauskas^{2,3}

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NUTRITION IN INTENSIVE CARE UNIT: ADHERENCE TO GUIDELINES

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HEALTH LITERACY OF 11-12 GRADE SCHOOLCHILDREN, THEIR PARENTS AND TEACHERS

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EVALUATION OF ENDOSCOPIC AND ENDOSCOPIC ULTRASOUND FEATURES FOR DIFFERENTIAL DIAGNOSIS OF GASTROINTESTINAL STROMAL TUMORS AND LEIOMYOMAS IN THE UPPER GASTROINTESTINAL TRACT

***Daiva Valadkevičienė**¹, Andrius Kavaliūnas², Rasa Kizlaitienė¹, Mykolas Jocys³, Dalius Jatužis¹

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CHANGES IN THE INCIDENCE OF MULTIPLE SCLEROSIS IN LITHUANIA 2001-2015

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FACTOR ANALYSIS OF THE LITHUANIAN VERSION OF THE DIZZINESS HANDICAP INVENTORY

***Diana Vasiljevaitė**¹, Rūta Žulpaitė¹, Sigitas Laima², Rokas Šimakauskas², Sigitas Chmieliauskas², Dmitrij Fomin³, Jurgita Stasiūnienė²

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MEDICAL TERMINATION OF PREGNANCY AS AN ALTERNATIVE TO SURGICAL ABORTION.
APPLICABILITY OF TELEMEDICINE IN MEDICAL ABORTION SERVICE

Vaidas Vicka^{1,2}, Dalia Zokaitytė¹, Lina Puodžiukaitė¹, Dalia Gineitytė^{1,2}, Daiva Gražulytė^{1,2}, Donata Ringaitienė³, Jūratė Šipylaitė³

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BIOELECTRICAL IMPEDANCE ANALYSIS DERIVED PHASE ANGLE IN CARDIAC SURGERY PATIENTS: IMPLICATIONS FOR PROGNOSIS OF LATE MORTALITY

***Audra Vyšniauskaitė**¹, Viktorija Andrejevaitė^{1,2}

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TREATMENT OF RESTLESS LEGS SYNDROME IN THE GENERAL PRACTITIONER'S CABINET.
A CASE REPORT

***Rūta Žulpaitė**¹, Žymantas Jagelavičius², Ugnius Mickys³ and Ričardas Janilionis²

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PRIMARY PULMONARY MENINGIOMA: WHAT TO EXPECT?

18.30-22.00 Farewell party in Trakai (25 km outside Vilnius) at the Restaurant on the shore of the Lake Galve (BONA Lounge at the "Round table club", Karaimu str. 53, Trakai). The trip to Trakai will start from the courtyard near by the Old University Campus (Universiteto str. 3) **at 17.00**. The bus will start from Trakai back to Vilnius at **22.00**.

Saturday, June 9th

12.00-16.00

Meeting of the Scientific Committee and Working group
Round table discussion "Promoting Evolutionary medicine for PhD students and postdocs"

Sunday, June 10th

12.00-16.00

Meeting of the Scientific Committee and Working group
Concluding remarks and future plans