

PROGRAMME

of the 10th Scientific Conference BALTIC MORPHOLOGY, 24-25 October 2019, Kaunas, Lithuania

Wednesday, October 23	
10:00-17:00	Registration Lobby of the 2 nd floor of the Main University Building, Lithuanian University of Health Sciences, A. Mickevičiaus Street 9, Kaunas LT44307
19:00-21:00	Welcome reception with a short lecture by Dr Dzintra Kazoka about interpretation of anatomical details in Michelangelo's David statute (Rīga Stradiņš University, Latvia) The Museum of History of Medicine and Pharmacy in Lithuania, Rotušės aikštė 28, Kaunas
Thursday, October 24	
8:30-9:00	Registration Lobby on the 2 nd floor of the Main University Building, Lithuanian University of Health Sciences, A. Mickevičiaus Street 9, Kaunas LT44307
9:00-9:15	Opening ceremony V.Lašo auditorium. Main University Building, Lithuanian University of Health Sciences, A. Mickevičiaus Street 9, Kaunas LT44307 Welcome greetings: Prof. Vaiva Lesauskaitė, Vice-Rector for Research, Lithuanian University of Health Sciences Prof. Algimantas Tamelis, Dean of Faculty of Medicine, Lithuanian University of Health Sciences Prof. Dainius H. Pauža, Head of the Anatomy Institute, Lithuanian University of Health Sciences
Session I: Anatomy. V. Lašo auditorium (<i>Chair: D. H. Pauža, M. Topol</i>)	
9:15-10:00	Miroslaw Topol (Medical University of Lodz, Poland) <i>Known Polish anatomists and their biographical sketches</i>
10:00-10:45	Tatsuo Ushiki (Niigata University Graduate School of Medical Sciences, Niigata, Japan) <i>Biological Microscopy: past, present and future</i>
10:45-11:15	Emine Korkmaz (Thermo Fisher Scientific, Eindhoven, The Netherlands) <i>3D large volume imaging- a powerful approach for cell and tissue studies</i>
11:15-11:30	Coffee/tea break
11:30-12:15	David Kachlik (Charles University, Prague, Czech Republic) <i>Normal and variant morphological terminology – past, presence and future</i>
12:15-12:30	Robert Haładaj , Miroslaw Topol (Medical University of Lodz, Poland) <i>Levator palpebrae superioris muscle - its typical and not typical course</i>
12:30-13:15	Lunch
Session II: Neuroanatomy (Chair: D. Kachlik, N. Pauziene)	
13:15-13:45	Diedrich Graf von Keyserlingk (Professor emeritus, Free University of Berlin and RWTH Aachen, Germany) <i>News from the pyramidal tract</i>
13:45-14:15	Tomokazu Kawashima (Toho University, Tokyo, Japan) <i>Comparative neuroanatomy of heart</i>
14:15-14:30	Robert Haładaj , Grzegorz Wyśiadecki, Miroslaw Topol (Medical University of Lodz, Poland) <i>Intramuscular innervation pattern of extraocular rectus muscles (superior, inferior, medial and lateral) in humans</i>
14:30-14:45	Ieva Navickaitė , Neringa Paužienė, Dainius H. Pauža (Lithuanian University of Health Sciences, Kaunas, Lithuania) <i>Distribution and potential role of nitrergic neurons within the sources of cardiac innervation</i>
14:45-15:00	Hermanas Inokaitis , Kristina Rysevaitė-Kyguolienė, Neringa Paužienė, Dainius H. Pauža (Lithuanian University of Health Science, Kaunas, Lithuania) <i>Comparative anatomy of sinoatrial node and its innervation in experimental animals</i>
15:00-15:15	Coffee/tea break
15:15-17:00	Poster session (see in detail from page 4)
18:00-21:00	Conference dinner (Europa Royale Hotel, Miško Street 11, Kaunas 44321)

Friday, October 25	
Session III: Histology & Embryology (Chair: I. Varga, I. Balnytė)	
9:00-9:45	Ivan Varga (Comenius University, Bratislava, Slovak Republic) <i>New views on the functional histology of the human uterine tube</i>
9:45-10:00	Mihails Tarasovs , Sofija Semenistaja, Sandra Skuja, and Valerija Groma (Riga Stradinš University, Latvia) <i>Synovial arthritis-associated fibroblasts: exploring the role of podoplanin-positive cells</i>
10:00-10:15	Tamilarasan K. Palaniappan, Lina Šlekienė and Lena Gunhaga (Umeå University, Sweden) <i>CAM-Delam: an in vivo method for visualizing and evaluating delamination capacity of cancer cells</i>
10:15-10:30	Dace Buile , Māra Pilmane, Ilze Akota (Riga Stradinš University, Riga, Latvia) <i>Orphopathogenic aspects of cleft lip palate affected tissue</i>
10:30-10:45	Coffee/tea break
10:45-11:00	Milda Juknevičienė , Angelija Valančiūtė, Jūratė Stanevičiūtė, Ingrida Balnytė, Donatas Stakišaitis (Lithuanian University of Health Sciences, Kaunas, Lithuania; National Cancer Institute, Vilnius, Lithuania) <i>Gender-related sodium valproate effect on thymocytes NKCC1 RNA expression and on rat thymus</i>
11:15-11:30	Anna Junga , Mara Pilmane, Zane Abola, Olafs Volrats (Riga Stradins University, Latvia) <i>The morphopathogenesis of intraabdominal adhesions in infants</i>
11:30-11:45	Janis Zarins , Mara Pilmane, Elga Sidhoma, Ilze Salma and Janis Locs (Riga Stradinš University and Riga Technical University, Latvia) <i>Strontium Enriched Hydroxyapatite-70 and Tricalcium Phosphate -30 Ceramics Improve Local Bone Regeneration in Ovariectomized Osteoporotic Rabbits Femur</i>
11:45-12:00	Zane Vitenberga , Māra Pilmane, Aurika Babjoniševa (Riga Stradinš University, Latvia) <i>Chronic inflammation, remodeling and antimicrobial defense aspects of COPD morphopathogenesis</i>
12:00-12:15	Emilija Šermukšnytė , Editā Paulikaitė, Eglė Janušonytė, Grita Skujienė, Virginija Bukelskienė, Violeta Žalgevičienė (Vilnius University, Lithuania; University College London, United Kingdom) <i>Effects of fluorine and boron on the two generations of rats teeth enamel, embryos lower jaw and long bones formation</i>
12:15-13:00	Lunch
Session IV: Anthropology (Chair: R. Jankauskas, J. Tutkuvienė)	
13:00-13:45	Rimantas Jankauskas (Vilnius university, Lithuania) <i>Contribution of morphology to forensic identification</i>
13:45-14:15	Janina Tutkuvienė , Simona Silove and Eglė Marija Jakimavičienė (Vilnius University, Lithuania) <i>Worldwide variation in prevalence of low birth weight, prematurity and stillbirth rate in relation to geographic region, climatic, socioeconomic factors and food consumption</i>
14:15-14:30	Eglė Marija Jakimavičienė , Anžela Bogdanovič, Jelena Isakova, Nijolė Drazdienė, Vytautas Basys and Janina Tutkuvienė (Vilnius University, Lithuanian Academy of Sciences, Vilnius, Lithuania) <i>Making stillbirths visible: changes in indicators of Lithuanian population during the 1995-2016 period</i>
14:30-14:45	Rūta Morkūnienė , Anžela Bogdanovič, Jelena Isakova, Nijolė Drazdienė, Vytautas Basys, Janina Tutkuvienė (Vilnius University, Institute of Hygiene, Lithuanian Academy of Sciences, Vilnius, Lithuania) <i>Prevalence of prematurity in Lithuania during the 1995-2015 period in relation to maternal age, antenatal and perinatal pathologies</i>
14:45-15:00	Coffee/tea break
15:00-15:15	Julija Rugelytė , Martyna Sveikataitė, Gabija Stulgytė and Janina Tutkuvienė (Vilnius University, Lithuania) <i>Premenstrual syndrome of 15-25 years old Lithuanian females in relation to lifestyle peculiarities</i>
15:15-15:30	Gabija Stulgytė , Martyna Sveikataitė, Julija Rugelytė and Janina Tutkuvienė (Vilnius University, Lithuania) <i>Premenstrual syndrome of older adolescent and young adult Lithuanian females in relation to body size and shape</i>
15:30-15:45	Martyna Sveikataitė , Julija Rugelytė, Gabija Stulgytė and Janina Tutkuvienė (Vilnius University, Lithuania) <i>Premenstrual syndrome in young Lithuanian females passing from adolescence to adulthood in relation to education, professional status and social media usage</i>
15:45-16:00	Gundega Skruze-Janava , Dzintra Kažoka (Rīga Stradiņš University, Latvia) <i>Evaluation of Body Fat in Preschool Children with Bronchial Asthma</i>
16:00-16:15	Liene Martinsone - Berzkalne , Silvija Umbrasko, Ilva Dulevska, Liana Plavina (Riga Stradinš University, Latvia) <i>Prevalence of posture symmetry and type according to sedentary behavior among pre-school aged children in Riga</i>
16:15-16:30	Kamilė Andriejauskaitė, Gytis Tijūnėlis , Gintarė Zinkevičiūtė, Julius Janavičius, Janina Tutkuvienė (Vilnius University, Lithuania) <i>Laterality of human body: is it really related to intelligence?</i>
16:30-17:00	Closing ceremony of the 10th Scientific Conference Baltic Morphology
17:00-19:00	Farewell talks (Club of Professors, A.Mickevičiaus Street 9, Kaunas)

POSTER PRESENTATIONS

- P1. **DIFFERENTIAL DIAGNOSIS FOR AN ADRENOCORTICAL NON-ADENOMA: A CASE REPORT**
Inese Briede, Katrina Freimane, Oksana Mahmajeva, Ilze Strumfa (Riga Stradins University, Latvia)
- P2. **DISSECTION- THE TOOL IMPROVING THE QUALITY OF ANATOMY STUDIES**
Aušra Burkauskienė, Anita Dabužinskienė (Lithuanian University of Health Sciences, Kaunas, Lithuania)
- P3. **SODIUM DICHOROACETATE EFFECT ON GLIOBLASTOMA U87 MG TUMOR GROWTH AND INVASION INTO CHICKEN EMBRYO CHORIOALLANTOIC MEMBRANE**
Rūta Curkūnavičiūtė, Angelija Valančiūtė, Laura Ribokaitė, Donatas Stakišaitis, Ingrida Balnytė (Lithuanian University of Health Sciences, Kaunas, Lithuania)
- P4. **THE REFLECTION OF HUMAN HEALTH PROBLEMS IN LATVIAN AND LITHUANIAN FOLK-SONGS**
Anita Dabužinskienė, Regīna Kleina (Lithuanian University of Health Sciences, Kaunas, Lithuania; Riga Stradiņš University, Latvia)
- P5. **CYTOKINES, ANTIMICROBIAL FACTORS AND PROLIFERATION MARKERS IN CHOLESTEATOMA IN ONTOGENETIC ASPECT**
Kristaps Dambergs, Gunta Sumeraga, Mara Pilmane (Riga Stradiņš University, Latvia)
- P6. **A PILOT STUDY OF TUMORS FORMED USING A549 LUNG CANCER CELL LINE AND TREATED WITH NAVP BEHAVIOR ON CHICKEN EMBRYO CHORIOALLANTOIC MEMBRANE**
Raminta Diržiuvienė, Angelija Valančiūtė, Ingrida Balnytė (Lithuanian University of Health Sciences, Kaunas, Lithuania)
- P7. **SACROCCOCYGEAL TERATOMA WITH FEATURES OF FETUS IN FETU: A REPORT OF RARE CASE**
Ivanda Franckeviča, Maija Lubgane, Marta Riekstiņa (Riga Stradiņš University, Latvia)
- P8. **FREQUENCY AND MORPHOLOGICAL SPECTRUM OF MULTIFOCAL THYROID NEOPLASMS**
Ilze Fridrihsone, Ilze Strumfa, Arnis Abolins (Riga Stradiņš University, Latvia)
- P9. **ANATOMICAL VARIATIONS OF THE LEVELS OF ORIGIN OF THE LATERAL FEMORAL CUTANEOUS NERVE**
Robert Haładaj, Mirosław Topol (Medical University of Lodz, Poland)
- P10. **CORRELATION BETWEEN BIOELECTRICAL ACTIVITY AND SKELETAL MUSCLE TONE IN RELATION TO THE LEVEL OF PAIN PERCEIVED IN CLINICAL TRIALS**
Robert Haładaj, Mirosław Topol (Medical University of Lodz, Poland)
- P11. **THE HUMAN'S AUXILIARY ORGANS OF VISION IN HISTORICAL PERSPECTIVE**
Robert Haładaj, Grzegorz Wysiadecki, Edward Clarke, Agata Olszewska, Mirosław Topol (Medical University of Lodz, Poland)
- P12. **VARIABILITY OF THE CEPHALIC INDEX IN MODERN YOUTH FROM BELARUS OF 16-17 YEARS OLD**
Tatyana Hurbo (Institute of History of the National Academy of Sciences of Belarus, Minsk, Belarus)
- P13. **THE STUDY OF HEXOSE TRANSPORTERS AND MUCIN IN BIRDS SMALL INTESTINE**
Piret Hussar, Martin Kärner, Ilmars Dūrītis, Alma Plivča, Florina Popovska-Percinic, Tõnu Järveots, Lazo Pendovski (University of Tartu, Estonia; Latvian University of Agriculture, Jelgava, Latvia; Ss. Cyril & Methodius University in Skopje, R. Macedonia; Estonian University of Life Science, Tartu, Estonia)
- P14. **COMPARISON OF THE EFFICACY OF ULTRA-HIGH AND LOW TEMPERATURE PROCESSED MILK ON THE VIABILITY OF PERIODONTAL LIGAMENT CELLS**
Rūta Jadzevičiūtė, Greta Kelevišiūtė, Eglė Jonaitytė, Veronika Gražulytė, Renata Šimkūnaitė - Rizgelienė (Vilnius University, Lithuania; Institute of Dentistry)
- P15. **PROGNOSTIC IMPACT AND CORRELATIONS OF KI-67 LABELING INDEX AND CD44 EXPRESSION IN GLIOMAS**
Arvids Jakovlevs, Janis Gardovskis, Ilze Strumfa (Rīga Stradiņš University, Latvia)
- P16. **KI-67 LABELING INDEX AND CD44 EXPRESSION IN GLIOMAS: DOES THE GENDER MATTER?**
Arvids Jakovlevs, Janis Gardovskis, Ilze Strumfa (Riga Stradins University, Latvia)
- P17. **DIFFERENCES IN SOME PARAMETERS OF THE GREATER SCIATIC NOTCH OF HUMAN HIP BONE IN SEX DETERMINATION**
Dzintra Kazoka (Rīga Stradiņš University, Latvia)
- P18. **TH-POK ANTIGEN CHARACTERISTICS IN ORAL LEUKOPLAKIA**
Regīna Kleina, Madara Dzudzillo, Ingrida Čēma (Rīga Stradiņš University, Latvia)

P19. AGE-RELATED MORPHOLOGICAL PARAMETERS OF WISTAR RATS' TESTES

Kristina Lasienė, Donatas Gasiliūnas, Nomeda Juodžiukynienė, Aleksandras Vitkus, Birutė Žilaitienė (Lithuanian University of Health Sciences, Kaunas, Lithuania; State Forensic Medicine Service, Kaunas, Lithuania)

P20. GANGLIOGLIOMA – A RARE BRAIN TUMOUR ASSOCIATED WITH LONG-LASTING DRUG RESISTANT EPILEPSY

Maija Lubgane, Ivanda Franckeviča, Ilze Štrumfa (Rīga Stradiņš University, Latvia)

P21. HISTOPATHOLOGICAL HETEROGENEITY AND LOCATION VARIATIONS EXHIBITED BY BASAL CELL CARCINOMA OF HEAD AND NECK

J. Moisejenko-Golubovica, O. Volkov, A. Ivanova, V. Groma (Rīga Stradiņš University, Latvia)

P22. LEVELLING OF BISPHOSPHONATE THERAPY-ASSOCIATED JAW OSTEONECROSIS BY TRILON B

Khrystyna Plekhanova, Semen Mostovoy (Georgievsky S.I. Medical Academy, Simferopol, Ukraine; Lithuanian University of Health Sciences, Kaunas, Lithuania)

P23. MORPHOLOGICAL STUDY OF BOVINE PELVIC BONE AND OSTEOCYTES. PILOT STUDY

Nahkur Esta, Andrianov Vladimir, Arend Andres, Namm Aimar, Torga Taavi, Aunapuu Marina (Estonian University of Life Science, Tartu, Estonia; University of Tartu, Estonia)

P24. EXPRESSION OF PAX PROTEINS DURING EMBRYOGENESIS OF THE HUMAN SPINAL CORD DEVELOPMENT

Aimar Namm, Andres Arend, Marina Aunapuu (University of Tartu, Estonia; Estonian University of Life Sciences, Tartu, Estonia)

P25. DIFFERENT PROLIFERATION OF ENDOMETRIAL TISSUES IN POSTMENOPAUSAL WOMEN AS DETECTED WITH KI-67 MARKER

Ringaudas Palubinskas, Lina Adomaitienė, Ingrida Balnytė, Jolita Palubinskienė, Rūta Jolanta Nadišauskienė (Lithuanian University of Health Sciences, Kaunas, Lithuania)

P26. DIFFERENT INTERLEUKINS AND PROLIFERATION IN CLEFT AFFECTED LIP

Mara Pilmane, Ilze Akota (Rīga Stradiņš University, Latvia)

P27. CHARACTERIZATION OF MORPHOLOGY IN VOCAL NODULES: A PILOT STUDY

Mara Pilmane, Dins Sumerags, Gunta Sumeraga (Rīga Stradiņš University, Latvia)

P28. EVALUATION OF ANTHROPOMETRIC PARAMETERS AND POSTURE STATUS OF PARTICIPANTS ADVANCE HIGH PHYSICAL LOAD EXERCISES IN FIELD CONDITIONS

Liana Plavina, Silva Smagare, Andris Čakstiņš (Rīga Stradiņš University, Latvia)

P29. NEUROCHEMICAL AND MORPHOLOGICAL CHARACTERIZATION OF PORCINE ATRIAL INTRACARDIAC GANGLIA

Tomas Ragauskas, Kristina Rysevaite-Kyguolienė, Hermanas Inokaitis, Neringa Paužiene, Dainius H. Pauža (Lithuanian University of Health Sciences, Kaunas, Lithuania)

P30. MALIGNANT RHABDOID TUMOR IN A 3-MONTH-OLD INFANT: A RARE ENTITY

Marta Riekstina, Ivars Melderis, Ivanda Franckevica, Ilze Strumfa (Rīga Stradiņš University, Latvia)

P31. COMPARATIVE STEREOMICROSCOPIC STUDY OF THE INTRINSIC GANGLIONATED NERVE PLEXUS DISTRIBUTED IN CARDIAC VENTRICLES OF THE HUMANS, PIGS AND SHEEP

Inga Saburkina, Neringa Paužienė, Hermanas Inokaitis, Kristina Rysevaitė-Kyguoliene and Dainius H. Pauža (Lithuanian University of Health Sciences, Kaunas, Lithuania)

P32. MORPHOLOGICAL CHARACTERIZATION OF LOCAL ANTIMICROBIAL RESPONSE, INFLAMMATORY MARKERS AND TISSUE REMODELLING IN THE SKIN OF PSORIASIS PATIENTS

Elga Sidhoma, Mara Pilmane (Rīga Stradiņš University, Latvia)

P33. ULTRASTRUCTURAL CHARACTERIZATION OF THE JOINT SYNOVIUM IN THE CASE OF HUMAN HERPES VIRUS-6 INFECTION IN RHEUMATOID ARTHRITIS

Sandra Skuja, Valerija Groma, Modra Murovska (Rīga Stradiņš University, Latvia)

P34. ANTHROPOMETRIC INDICES AS SCREENING TOOLS FOR OBESITY AND OVERWEIGHT IN LATVIAN WOMEN OLDER THAN 40 YEARS OF AGE

Jekaterina Stankevica, Liana Plavina, Guntis Bahs, Silvija Umbrasko, Ilva Dulevska (Rīga Stradiņš University, Latvia)

P35. EFFECT OF SODIUM VALPROATE ON NEOANGIOGENESIS IN SMALL CELL LUNG CANCER CELL LINE TUMORS

Lina Šlekienė, Ingrida Balnytė, Donatas Stakišaitis, Angelija Valančiūtė (Umeå University, Sweden; Lithuanian University of Health Sciences, Kaunas, Lithuania)

P36. EXPRESSION OF CILP-2 IN THE ARTICULAR CARTILAGE OF PATIENTS WITH KNEE OSTEOARTHRITIS: A PILOT MORPHOLOGICAL STUDY

Taavi Torga, Siim Suutre, Andres Arend, Marina Aunapuu (University of Tartu, Estonia)