

47th STUDENTS' SCIENTIFIC CONFERENCE RESULTS



JESSEŇOVA LEKÁRSKA
FAKULTA V MARTINE
Univerzita Komenského
v Bratislave



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Section of Clinical Disciplines 1

1st place

PROPORTION AND SPECTRUM OF GENETIC DIAGNOSES IN HOSPITALIZED PEDIATRIC PATIENTS: A RETROSPECTIVE EPIDEMIOLOGICAL ANALYSIS AT THE DEPARTMENT OF PAEDIATRICS AND ADOLESCENT MEDICINE JFMED CU AND UH MARTIN

Lucia Macková, Adam Markocsy

Institute of Clinical Immunology and Medical Genetics, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

2nd place

SLEEP DISORDERS CONTRIBUTING TO IMPAIRED EPILEPSY MANAGEMENT

Amira Musová, Egon Kurča, Daniela Feďáková

Clinic of Neurology, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

3rd place

MANAGEMENT OF PERSISTENT PATENT DUCTUS ARTERIOSUS IN THE IMMATURE NEONATE

Sofia Javornícka, Tomáš Jurko

Clinic of Neonatology, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Cena Dr. Jozefa Lettricha

PREVALENCE OF BURNOUT SYNDROME AMONG STUDENTS OF THE JESSENIUS FACULTY OF MEDICINE IN MARTIN, COMENIUS UNIVERSITY BRATISLAVA – BEFORE ENTERING EMPLOYMENT

Petra Pažická, Jana Bajaj, Oto Osina

Clinic of Occupational Medicine and Toxicology, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Študentská cena (cena obecnstva)

martinus

Hlasovalo: 39 študentov

Najvyšší počet hlasov: 8

DONOR-DERIVED CELL-FREE DNA IN ALLOGRAFT REJECTION DIAGNOSTICS

Martin Beňadik, Andrej Kollár, Andrej Čereš, Ivana Dedinská

Clinic of Internal Medicine I, University Hospital Martin, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava Transplant and Nephrology Department,
University Hospital Martin

Section of Clinical Disciplines 2

1st place

ANATOMICAL VARIABILITY OF THE MIDDLE EAR: CADAVERIC AND CT CORRELATION

Kristína Gaňová, Darina Bajsová, Vladimír Čalkovský

Clinic of Otorhinolaryngology and Head and Neck Surgery, University Hospital Martin,
Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

2nd place

**ANALYSIS OF PARAMETERS OF GASTROESOPHAGEAL REFLUX AFTER PERORAL
ENDOSCOPIC MYOTOMY (SYSTEMATIC REVIEW AND META-ANALYSIS)**

**Barbora Bôžeková¹, Martin Ďuriček¹, Jakub Hoferica^{1,2}, Štefan Plutko¹, Branislav Malý¹,
Peter Bánovčin¹**

¹Clinic of Internal Medicine – Gastroenterology, University Hospital Martin, Jessenius Faculty of
Medicine in Martin, Comenius University Bratislava

²Centre for Translational Medicine, Semmelweis University, Budapest, Hungary

3rd place

SENTINEL LYMPH NODE ASSESSMENT IN BREAST CANCER

Vanesa Terenová, Diana Musová, Marek Smolár

Clinic of General, Visceral, and Transplant Surgery, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Cena Dr. Jozefa Lettricha

OPTIMIZATION OF MOLECULAR BIOLOGY METHODS FOR DETERMINING THE POST MORTEM INTERVAL IN FORENSIC MEDICINE

Iryna Samec¹, Marek Samec², Ivana Baranová³, Richard Sivulič¹

¹Department of Forensic Medicine and Medicolegal Expertise, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

²Department of Medical Biology, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

³Department of Pathological Physiology, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Študentská cena (cena obecnstva)

martinus

Hlasovalo: 48 študentov

Najvyšší počet hlasov: 16

MULTIFACTORIAL ANALYSIS OF SUDDEN AND UNEXPECTED DEATHS FROM CARDIOVASCULAR CAUSES IN THE CATCHMENT AREA OF ÚSLaME AND SLaPa IN MARTIN (2015-2025)

Tatiana Florková, Paulína Martináková

Department of Forensic Medicine and Medicolegal Expertise, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

Section of Pre-clinical Disciplines

1st place

ROLE OF KIR6.2 IN CALCIUM HOMEOSTASIS AND MITOCHONDRIAL DYNAMICS IN A NEURONAL MODEL OF PARKINSON'S DISEASE

Ivan Okruhlica¹, Evinová Andrea², Pokusa Michal²

¹Department of Pathological Physiology, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

²Biomedical centre Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

2nd place

OPTIMIZATION OF A qPCR WORKFLOW AS A TOOL FOR INVESTIGATING THE MOLECULAR MECHANISM OF STAPHYLOCOCCUS AUREUS-INDUCED ACTIVATION OF PRURICEPTORS

Barbora Vajglová, Ivana Baranová, Danica Jurčáková

Department of Pathological Physiology, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

3rd place

A VACCINIUM CORYMBOSUM (CV. CHANDLER)-DERIVED COMPLEX ATTENUATES COUGH AND CHOLINERGIC BRONCHOCONSTRICTION IN OVALBUMIN-INDUCED AIRWAY INFLAMMATION

Lucia Cipková¹, Martina Šutovská²

¹Department of Pharmacology, Biomedical Center Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

²Institute of Chemistry, Slovak Academy of Sciences, Center for Glycomics



Cena Dr. Jozefa Lettricha

NEURO-IMMUNE PROFILE OF ADOLESCENTS WITH AUTISM SPECTRUM DISORDER AND ATTENTION-DEFICIT/HYPERACTIVITY DISORDER: A PERIPHERAL BIOMARKER PERSPECTIVE

Dagmar Wágnerová¹, Nikola Ferencová^{1,2}, Zuzana Višňovcová², Igor Ondrejka³, Ingrid Tonhajzerová¹

¹Department of Physiology, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

²Biomedical Centre Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

³Psychiatric Clinic, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Študentská cena (cena obecnstva)

martinus

Hlasovalo: 62 študentov

Najvyšší počet hlasov: 23

NEURO-IMMUNE PROFILE OF ADOLESCENTS WITH AUTISM SPECTRUM DISORDER AND ATTENTION-DEFICIT/HYPERACTIVITY DISORDER: A PERIPHERAL BIOMARKER PERSPECTIVE

Dagmar Wágnerová¹, Nikola Ferencová^{1,2}, Zuzana Višňovcová², Igor Ondrejka³, Ingrid Tonhajzerová¹

¹Department of Physiology, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

²Biomedical Centre Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

³Psychiatric Clinic, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

Section of Theoretical Disciplines

1st place

DESIGN AND DEVELOPMENT OF A MOBILE APP FOR PLURILINGUAL FOREIGN LANGUAGE AND MEDICAL TERMINOLOGY LEARNING USING AI

Daniel Marčok, Anna Barnau

Department of Foreign Languages, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

2nd place

FIRST EVALUATION OF ANTITUSSIVE EFFECTS OF A NEW BUTAMIRATE ANALOGUE – ELECTROPHYSIOLOGICAL STUDY

Marek Laheye¹, Michal Šimera¹, Jozef Csöllei², Soňa Fraňová³, Ivan Poliaček¹

¹Department of Medical Biophysics, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

²Department of Chemical Drugs, Faculty of Pharmacy, Masaryk University, Brno, Czech Republic

³Department of Pharmacology, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

3rd place

CEREBRAL ISCHEMIA AND REPERFUSION INJURY OF EXPERIMENTAL ANIMALS OF BOTH SEXES IN ACUTE, SUBACUTE, AND CHRONIC STAGES

Matúš Pántik, Mária Kovalská

Department of Histology and Embryology, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava



Cena Dr. Jozefa Lettricha

EVALUATION OF TEACHING METHODS IN MUSCULOSKELETAL ANATOMY: VIRTUAL DISSECTION TABLE VERSUS 3D MODELS

Adam Gbúr, Katarína Lešková

Department of Anatomy, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Študentská cena (cena obecnstva)

martinus

Hlasovalo: 49 študentov

Najvyšší počet hlasov: 20

DESIGN AND DEVELOPMENT OF A MOBILE APP FOR PLURILINGUAL FOREIGN LANGUAGE AND MEDICAL TERMINOLOGY LEARNING USING AI

Daniel Marčok, Anna Barnau

Department of Foreign Languages, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

Section of Non-Medical Study Programmes

1st place

WOMEN'S SEXUAL HEALTH IN THE CONTEXT OF MIDWIVES' WORK

Katarína Saraková, Eva Urbanová

Department of Midwifery, Jessenius Faculty of Medicine in Martin, Comenius University
Bratislava

2nd place

NURSES' EXPERIENCES WITH THEIR PROFESSIONAL DIGNITY: A QUALITATIVE STUDY

Zuzana Bebjaková, Juraj Čáp

Department of Nursing, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

3rd place

THE PRESENCE OF A DOULA DURING CHILDBIRTH FROM THE PERSPECTIVE OF MIDWIVES AND MOTHERS

Rebeka Iláčiková, Eva Urbanová

Department of Midwifery, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

PERIOPERATIVE PRESSURE ULCER PREVENTION IN ORTHOPEDIC AND TRAUMATOLOGIC PATIENTS

Simona Handrová, Edita Hlinková

Department of Nursing, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava



Cena Dr. Jozefa Lettricha

ATTITUDES OF PREGNANT WOMEN TOWARDS PERFORMING A CAESAREAN SECTION AT THE PATIENT'S REQUEST

Tamara Marcinová, Barbora Ďuričková

Department of Midwifery, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava



Študentská cena (cena obecnstva)

martinus

Hlasovalo: 37 študentov

Najvyšší počet hlasov: 13

NURSES' EXPERIENCES WITH THEIR PROFESSIONAL DIGNITY: A QUALITATIVE STUDY

Zuzana Bebjaková, Juraj Čáp

Department of Nursing, Jessenius Faculty of Medicine in Martin, Comenius University Bratislava

Section of Public Health

1st place

ERGONOMICS IN THE DIGITAL ERA: RISK ANALYSIS OF WORKING WITH DISPLAY UNITS

Veronika Muhová, Romana Ulbrichtová

Department of Public Health, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

2nd place

OCCURRENCE OF TICK-BORNE ENCEPHALITIS AND LYME DISEASE IN SLOVAKIA

Kamila Žáčiková, Eva Malobická

Department of Public Health, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

3rd place

CONSUMPTION OF CAFFEINATED BEVERAGES AMONG ATHLETES

Kristína Molčanová, Eva Malobická

Department of Public Health, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava



Cena Dr. Jozefa Lettricha

DETERMINING THE PREVALENCE OF BURNOUT SYNDROME AMONG HEALTHCARE WORKERS

Adela Jankajová, Romana Ulbrichtová

Department of Public Health, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava



Študentská cena (cena obecnstva)

martinus

Hlasovalo: 39 študentov

Najvyšší počet hlasov: 7

MICROBIOLOGICAL DIAGNOSTICS OF CONTAMINANTS IN THE ENVIRONMENT

Andrea Goldbergerová, Martin Novák

Department of Public Health, Jessenius Faculty of Medicine in Martin,
Comenius University Bratislava

TITLE SPONZORS



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