



JESSENIUS FACULTY
OF MEDICINE IN MARTIN
Comenius University
Bratislava

44th STUDENTS' SCIENTIFIC CONFERENCE



RESULTS

April 26, 2023

Section of Clinical Disciplines 1

1st place

ANTIBIOTIC PROPHYLAXIS BEFORE MINI-INVASIVE PROCEDURES IN KIDNEY TRANSPLANT RECIPIENTS - YES OR NO?

Andrej Kollár, Ivana Dedinská, Patrícia Kleinová

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

2nd place

EVALUATION OF COGNITIVE DYSFUNCTION IN PATIENTS WITH SCLEROSIS MULTIPLEX

Nina Kováčiková, Ema Kantorová, Egon Kurča, Ján Grossman

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

3rd place

GENE EXPRESSION CHANGES IN SIGNALLING PATHWAYS RELEVANT IN CELIAC DISEASE

Kristián Demčík, Zuzana Kolková^{1,2}, Zora Lasabová³

¹Biomedical Centre Martin, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava

²Clinic of Children and Adolescents, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava

³Department of Molecular Biology and Genomics, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava



Cena Dr. Jozefa Lettricha

EFFECT OF THE 6-FOOD ELIMINATION DIET ON THE VARIOUS ASPECTS OF METABOLISM AND WELLBEING IN HEALTHY VOLUNTEERS

Sophia Christine Lilgová, Peter Lipták¹, Eva Baranovičová²

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

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



Študentská cena (cena obecnstva)



Hlasovalo: 33 študentov

Najvyšší počet hlasov: 11

EVALUATION OF COGNITIVE DYSFUNCTION IN PATIENTS WITH SCLEROSIS MULTIPLEX

Nina Kováčiková, Ema Kantorová, Egon Kurča, Ján Grossman

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

Section of Clinical Disciplines 2

1st place

MOLECULAR HETEROGENITY OF THE BREAST CARCINOMA

Michaela Mihalková, Lukáš Plank

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

2nd place

PHARMACOGENETICS OF RIVAROXABAN

Vladimír Doboš, Juraj Sokol, Jana Žolková

Department of Haematology and Transfusion Medicine, National Centre of Haemostasis
and Thrombosis, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava

3rd place

RESIDUAL SLEEP APNEA IN CHILDREN

Alžbeta Majtanová, Anna Ďurdíková, Peter Ďurdík

Clinic of Children and Adolescents, Jessenius Faculty of Medicine in Martin,
Comenius University in Bratislava, University Hospital Martin



Cena Dr. Jozefa Lettricha

METABOLOME CHANGES IN HEALTHY VOLUNTEERS AND IN PATIENTS WITH GASTROESOPHAGEAL REFLUX DISEASE

Jana Vnučáková, Martin Ďuriček

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



Študentská cena (cena obecnstva)



Hlasovalo: 30 študentov

Najvyšší počet hlasov: 11

PHARMACOGENETICS OF RIVAROXABAN

Vladimír Doboš, Juraj Sokol, Jana Žolková

Department of Haematology and Transfusion Medicine, National Centre of Haemostasis and Thrombosis, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava

Section of Pre-clinical Disciplines

1st place

PARTICIPATION OF BITTER TASTE RECEPTORS (TAS2R) IN MAST CELL SIGNALING PATHWAYS

Lucia Cipková, Martina Šutovská, Jozef Mažerik

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

2nd place

MENTAL "WELL-BEING" – THE EFFECT OF NEUROFEEDBACK

Andrea Geregová, Nikola Ferencová, Zuzana Višňovcová

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

3rd place

IN VITRO MODULATION OF THE MITOCHONDRIAL PHYSIOLOGY IN INITIAL STAGES OF NEURODEGENERATION

Rebeka Rovňaníková, Michal Pokusa

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



Cena Dr. Jozefa Lettricha

INDUCED PLURIPOTENCY, CELL ENGINEERING AND LITTLE HEROES DONATING BLOOD MAKE IT POSSIBLE TO MODEL DUCHENNE MUSCULAR DYSTROPHY IN VITRO

Martin Rehák¹, Dominika Hajdúchová², Stanislava Suroviaková³, Ján Strnádel¹,

¹Laboratory of Flow Cytometry, Cell Phenotyping and Engineering (Cellphie), Biomedical Centre Martin, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava

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

³Department of Pediatric Neurology, University Hospital Martin, Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava



Študentská cena (cena obecnstva)



Hlasovalo: 39 študentov

Najvyšší počet hlasov: 11

PARTICIPATION OF BITTER TASTE RECEPTORS (TAS2R) IN MAST CELL SIGNALING PATHWAYS

Lucia Cipková, Martina Šutovská, Jozef Mažerik

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

Section of Theoretical Disciplines

1st place

BUDESONIDE DELIVERED BY HIGH-FREQUENCY OSCILLATORY VENTILATION AS A POTENTIAL TREATMENT OF ACUTE RESPIRATORY DISTRESS SYNDROME

Jakub Topolan, Nikolett Nemcová, Pavol Mikolka

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

2nd place

THE ROLE OF GABA-A RECEPTORS IN THE NUCLEUS TRACTUS SOLITARIII IN REGULATION OF COUGHING

Valeria Budošová, Michal Šimera, Ivan Poliaček

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

3rd place

HIGH METHIONINE DIET AND ITS POSSIBLE INFLUENCE ON THE GUT-BRAIN AXIS

Michaela Fábryová, Mária Kovalská

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



Cena Dr. Jozefa Lettricha

CLINICAL ANATOMY OF THE THYROID GLAND, ADJACENT STRUCTURES AND ITS CLINICAL CORRELATIONS

Iryna Zavhorodnia, Gabriela Hešková, Desanka Výbohová

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



Študentská cena (cena obecnstva)



Hlasovalo: 40 študentov

Najvyšší počet hlasov: 10

HYPERHOMOCYSTEINEMIA AND ITS EFFECT ON THE VASCULAR SYSTEM OF SELECTED ORGANS

Katarína Poliaková, Mária Kovalská

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

Section of Non-Medical Study Programmes

1st place

TEAMWORK IN NURSING

Žaneta Hrbková, Dominika Kohanová

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

2nd place

ADHERENCE IN A PATIENT WITH POLYPHARMACOTHERAPY

Miroslava Výbošťoková, Ivana Bóriková

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

3rd place

BARRIERS TO NURSES REPORTING ADVERSE EVENTS

Martin Petruščák, Dominika Kohanová,

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



Cena Dr. Jozefa Lettricha

THE MENTAL HEALTH QUALITY OF SELECTED HEALTH SCIENCES STUDENTS

Patrícia Neupauerová, Viera Švihrová

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



Študentská cena (cena obecnstva)



martinus

Hlasovalo: 59 študentov

Najvyšší počet hlasov: 13

TEAMWORK IN NURSING

Žaneta Hrbková, Dominika Kohanová

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Comenius University in Bratislava

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