

**JESSENIUS FACULTY OF MEDICINE
COMENIUS UNIVERSITY
MARTIN**



**XXX. STUDENT SCIENTIFIC
CONFERENCE**

**organized in occasion of 40th anniversary of Jessenius Faculty
of Medicine, Comenius University in Martin**

PROGRAM

Martin
April 29, 2009

XXX. Student scientific conference Jessenius Faculty of Medicine Comenius University Martin

The conference is organized in occasion of **40th anniversary of Jessenius Faculty of Medicine, Comenius University in Martin** and supported by **Dr. Jozef Lettrich Foundation, Richter Gedeon RT and Roche Slovakia s.r.o.**

Date:

April 29, 2009

Place:

Lecture Halls A and B, JFM CU, Novomeského 7, Martin (next to the student hostel)

Registration:

April 29, 2009, 7.30 - 8.00

Opening ceremony – Lecture hall B - (8.00 – 8.15)

Lecture hall A

- A1 Section of Nursing (8.15 – 10.00)
- A2 Section of Non-Medical Study Programmes (10.15 – 11.30)
- A3 Section of Surgical Disciplines (11.45 – 13.00)

Lecture hall B

- B1 Section of Theoretical and Preclinical Disciplines (8.15 – 10.15)
- B2 Section of Internistic Disciplines (10.30 – 12.15)
- B3 Section of Guests (12.30 – 13.45)

Closing ceremony – Lecture hall B - (14.00 – 14.30)

Duration of lectures – 10 minutes, discussion – 5 minutes.

All abstracts are available in English at www.jfmed.uniba.sk

Program

Lecture Hall A

A1 Section of Nursing (8.15 – 10.00)

- **Pavel Šupka** - The nursing diagnostic process in nursing care.
(Institute of Nursing, JFM CU, Martin)
Tutor: Assoc. Prof. Katarína Žiaková, Mgr., PhD.
- **Helena Bařinková** – The retrospective revision of the perioperative nursing documentation - internal audit.
(Institute of Nursing, JFM CU, Martin)
Tutor: Assoc. Prof. Katarína Žiaková, Mgr., PhD.
- **Erika Hajnová** – The nurse – patient relationship in palliative care.
(Institute of Nursing, JFM CU, Martin)
Tutor: Martina Lepieřová, Mgr.
- **Marcela Lilgová** – Quality of life of patients with inflammatory bowel disease.
(Institute of Nursing, JFM CU, Martin)
Tutor: Elena Gurková, Mgr., PhD.
- **Zuzana Zacharidesová** – Caregiver role strain in home care.
(Institute of Nursing, JFM CU, Martin)
Tutor: Mária Tabaková, Mgr.
- **Zuzana Brosová, Ľubica Šňahničanová, Magdaléna Smičíková, Marcela Bunčová** - Evidence based nursing and caregiver role strain.
(Institute of Nursing, JFM CU, Martin)
Tutor: Mária Tabaková, Mgr.
- **Martina Kral'ovanská** – Death of patient from the emergency operator's point of view.
(Institute of Nursing, JFM CU, Martin)
Tutor: Martina Lepieřová, Mgr.

Coffee break (10.00 – 10.15)

A2 Section of Non-Medical Study Programmes (10.15 – 11.30)

- **Monika Kolláriková** - The nursing care of children patients suffering from atopic dermatitis.
(Department of Non-Medical Study Programmes, Clinic of children and adolescents, JFM CU and MFH, Martin)
Tutors: Assoc. Prof. Želmíra Fetisovová, MD, PhD., Ľubica Jakuřová MD, PhD.
- **Jana Mrázová** - Comparison of Knowledge on Antibiotics, Extent of Their Consumption and Opinion on Their Use Among Clients of Paediatricians in Martin and Michalovce.
(Department of Public Health, JFM CU, Martin)
Tutor: Lukáš Murajda, MD

- **Katarína Šupolová, Jana Gorušová** - Occurrence of Nosocomial Infections at Clinic of Anesthesiology and Intensive Medicine of Martin Faculty Hospital in Martin.
(Department of Public Health, Clinic of Anesthesiology and Intensive Medicine, JFM CU and MFH, Martin)
Tutors: Lukáš Murajda MD, Miroslav Šulaj MD
- **Mária Kurtáková** - Inpatient with dysacusia.
(Department of Non-Medical Study Programmes, JFM CU, Martin)
Tutor: Milina Bubeníková, PhD., PhD.
- **Libor Pizúr** - Utilisation of Iconography in Seminars in Subject Occupational Medicine in Framework of Pregradual Study in Public Health.
(Department of Public Health, JFM CU, Martin)
Tutor: Prof. Janka Buchancová, MD., PhD.

Coffee break (11.30 – 11.45)

A3 Section of Surgical Disciplines (11.45 – 13.00)

- **Martina Mišániková** - The results of surgical treatment of spontaneous pneumothoraxes on Surgical Clinic in Martin.
(Clinic of Surgery I., JFM CU, Martin)
Tutor: Anton Dzian, MD.
- **Miroslava Púčková, Gabriela Rojkovičová, Jana Dluhá** - Comparison of laparoscopic and laparotomic colon operations.
(Clinic of Surgery I., JFM CU, Martin)
Tutor: Marek Smolár, MD.
- **Ivana Daňová, Eva Časová** – Possibilities and results of treatment of relapse of non varicose bleeding from upper GIT.
(Clinic of Surgery I., JFM CU, Martin)
Tutor: Anton Micolajčík, MD., PhD.
- **Lucia Gašpárková, Zuzana Podmanická** - Group B Streptococcus Infection in Perinatology.
(Clinic of Gynecology and Obstetrics, JFM CU, Martin)
Tutor: Kamil Biringer, MD.
- **Martina Mišániková** - Polymorphism of biotransformation genes GSTs and the risk of lung cancer.
(Clinic of Surgery I., JFM CU, Martin)
Tutor: Anton Dzian, MD., Tatiana Matáková, RNDr.

Lecture Hall „B“

B1 Section of Theoretical and Preclinical Disciplines (8.15 – 10.15)

- **Anna Antošíková, Erika Gondová** - Antiapoptotic protein survivin and its expression in malignant melanoma.
(Department of Histology and Embryology JFM CU Martin)
Tutor: Assoc. Prof. Marian Adamkov, MD., PhD.
- **Zuzana Feherová, Miroslava Beharková** – The effects of selective inhibitors of phosphodiesterase 4 and 7 on cough and airways reactivity.
(Department of Pharmacology, JFM CU Martin)
Tutor: Assoc. Prof. Juraj Mokry, MD., PhD.
- **Juraj Halička** – Acid inhibits vagal mechanosensors in esophagus.
(The Johns Hopkins School of Medicine, Baltimore, Maryland 21224, USA; Department of Pathological Physiology, JFM CU, Martin)
Tutor: Assoc. Prof. Marian Kollárik, MD, PhD; Fei Ru, MD, PhD.
- **Miloš Mital'** - Gene polymorphism hOGG1 Ser326Cys and risk of lung cancer.
(Department of Medical Biochemistry, Department of Medical Biology, JFM CU, Martin)
Tutors: Tatiana Matáková, RNDr., Assoc. Prof. Erika Halašová, RNDr., PhD.
- **Bjorn Redfors** - Selective vs. Non-selective Phosphodiesterase inhibitors in experimental meconium aspiration syndrome.
(Department of Physiology, JFM CU, Martin)
Tutor: Assoc. Prof. Daniela Mokrá, MD., PhD.
- **Michal Slašťan** - Determination of N-Acetyl Aspartate in patients with Amyotrophic lateral sclerosis.
(Department of Medical Biochemistry JFM CU Martin)
Tutor: Prof. Dušan Dobrota, MD., PhD., Michal Bittšanský, Mgr.
- **Katarína Švirlochová** – Expiration reflex from the vocal folds in guinea pigs with experimental allergic rhinitis.
(Department of Pathological Physiology, Department of Biophysics, Department of Histology and Embryology, JFM CU, Martin)
Tutors: Assoc. Prof. Jana Plevková, MD, PhD; Assoc. Prof. Ivan Poliaček, Mgr., PhD; Assoc. Prof. Marian Adamkov, MD, PhD.
- **Eva Tribulová, Ivana Šaffová, Jana Erneyová** - Deterioration of surfactant activity by meconium.
(Department of Physiology, JFM CU, Martin)
Tutors: Assoc. Prof. Daniela Mokrá, MD., PhD., Prof. Andrea Čalkovská, MD., PhD.

Coffee break (10.15 – 10.30)

B2 Section of Internistic Disciplines (10.30 – 12.15)

- **Zuzana Babišová** – Interpretation of chosen parameters in inpatients with stroke at Clinic of Neurology MFN.
(Clinic of Neurology, JFM CU, Martin)
Tutor: Vladimír Nosál, MD.
- **Matej Samoš** – The correlation between ergometric findings of silent myocardial ischemia with coronarography in patients with diabetes mellitus.
(Clinic of Internal Medicine, JFM CU, Martin)
Tutors: Martin Migra, MD.
- **Marcela Uhliarová, Katarína Bukovinská** – Postnatal prophylaxis of early-onset group B Streptococcal infection in newborns.
(Clinic of Neonatology, JFM CU, Martin)
Tutor: Lucia Štillová, MD., PhD.
- **Lucia Jarošová** - The analysis of symptoms of child and adolescent depression..
(Clinic of Psychiatry, JFM CU, Martin)
Tutors: Assoc. Prof. Igor Ondrejka, MD., PhD., Pavol Adamík, MD.
- **Lukáš Šutek** – Heart rate variability and depressive disorder in adolescence.
(Institute of Physiology JFM CU Martin, Clinic of Psychiatry JFM CU Martin)
Tutors: Assoc. Prof. Ingrid Tonhajzerová, MD., PhD, Assoc. Prof. Igor Ondrejka, MD., PhD.
- **Jana Žuffová** - Hyperkinetic disorder/ADHD and sleep disturbances in children.
(Clinic of Psychiatry JFM CU Martin)
Tutors: Assoc. Prof. Igor Ondrejka, MD., PhD., Pavol Adamík, MD.
- **Matej Samoš** - I/D ACE polymorphism and subclinical inflammatory reaction in coronarographed patients.
(Department of Biochemistry University Hospital Martin, Clinic of Internal Medicine JFM CU Martin)
Tutors: Prof. Rudolf Pullmann, MD., RNDr., PhD., Assoc. Prof. Stanislav Funiak, MD., PhD.

Coffee break (12.15 – 12.30)

B3 Section of guests (12.30 – 13.45)

- **Katalin Fusz** – The effects of shifts in shift work and the chronic mild stress on the behaviour of wistar rats.
(Nursing Sciences Department Faculty of Health Sciences, University of Pécs; Institute of Public Health, Recreation and Health Promotion University of Pécs, Faculty of Health Sciences, Department of Anatomy University of Pécs)
Tutors: Assoc. Prof. András Oláh RNDr., MNS., PhD., Assoc. Prof. Ágnes Müller, MSc., Assoc. Prof. Rita Józsa, MD., PhD.

- **Anna Markowicz, Wanda Lutogniewska, Małgorzata Maksymiak** – Use of self blood glucose monitoring in glycemic control in diabetic patients.
(Medical University of Silesia, School of Medicine and Division of Dentistry in Zabrze; Dept. of Internal Diseases Diabetology & Nephrology)
Tutor: Prof. Krzysztof Strojek, MD., PhD.
- **Sebastian Sirek, Anna Markowicz, Ryszard Swoboda** – Clinical features of hypo & hyperglycemia in diabetic patients.
(Medical University of Silesia, School of Medicine and Division of Dentistry in Zabrze; Dept. of Internal Diseases Diabetology & Nephrology)
Tutor: Prof. Krzysztof Strojek, MD., PhD.
- **Martin Holinka** – Evaluation of sensitivity and specificity of radial endosonography in comparison with endoscopic retrograde cholangiopancreatography in diagnosis of extrahepatic biliary obstruction.
(II. Interní klinika, LF UP a FN, Olomouc)
Tutor: Igor Tozzi
- **Adam Kuba, Edgar Faber, Šárka Rožmanová, Martina Divoká, Ivana Skoumalová, Milena Holzerová, Marie Jarošová, Karel Indrák** - Efficacy of imatinib dose escalation (IDE) in chronic myeloid leukemia (CML) pretreated with interferon- α (INF- α).
(Lékařská fakulta, Universita Palackého v Olomouci, Hemato-onkologická klinika fakultní nemocnice Olomouc)
Tutor: Assoc. Prof. Edgar Faber, MD., PhD.

Awarding and Closing Ceremony – Lecture hall B - (14.00 – 14.30)

Assoc. Prof. Dušan Mištuna, MD., PhD.

Dean

Jessenius Faculty of Medicine, Comenius University, Martin

Assoc. Prof. Ján Staško, MD. PhD.

Vice-dean for Postgraduate Education and Student Scientific Activities

Jessenius Faculty of Medicine, Comenius University, Martin

Peter Ďurdík, MD.

Chairman of Organization Committee of Student Scientific Conference

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