List of supervisors with open PhD positions

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prof. MUDr. Monika Arenbergerová, Ph.D.Department of Dermatovenereology 3FM CU and UHKV

Topic title

Pathogenesis and prevention of acne scars Risk factors of melanoma in adolescent and young adult Epidemiology of hidradenitis suppurativa in the pediatric population Detail



prof. MUDr. Petr Arenberger, DrSc., MBA, FCMADepartment of Dermatovenereology 3FM CU and UHKV

Topic title

Epidemiology of mycosis fungoides patients <u>Detail</u>



Mgr. Lenka Rossmeislová, Ph.D.

Laboratory of Physiology and Pathophysiology of Adipose Tissue Department of Pathophysiology

Topic title

Interaction between adipose tissue and the lymphatic system Characterization of adipose tissue properties affected by exercise Detail



Doc. MUDr. Irena Aldhoon Hainerová, Ph.D.

Department of Children and Adolescents 3FM CU and UHKV

Topic title

Increased body weight and cardiometabolic risks in children and adolescents: effective strategy to lifestyle changes, use of telemedicine, predictors of body weight reduction and maintenance, the role of pharmacotherapy and microbiota (to be individually discussed)

Detail



doc. RNDr. Petr Heneberg, Ph.D.

Metabolism Reprogramming Lab
Department of Internal Medicine 3FM CU and UHKV

Topic title

Metabolism of ovarian cancer tumors <u>Detail</u>



MUDr. Jan Hrudka, Ph.D.Department of Pathology 3FM CU and UHKV

Topic title

The prognostic predictive markers in penile carcinoma: a molecular and morphological study. Rare subtypes of pancreatic carcinoma: genomic and proteomic prognostic markers. Cholangiocarcinoma: immunohistochemistical markers of peripheral and hilar subtype, link to prognostic and predictive markers.

Detail



doc. MUDr. Spyridon Gkalpakiotis, Ph.D.

Department od Dermatovenerology 3FM CU and UHKV

Topic title

Immunothrombosis - a new therapeutic target for the prevention of major cardiovascular events in patients with psoriasis Detail



doc. MUDr. Norbert Pauk, Ph.D.

Department of Pneumology 3FM CU and UH Bulovka

Topic titlePneumology Detail



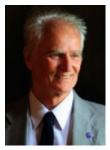
prof. MUDr. Ladislav Krofta, CSc.

Institute for the Care of Mother and Child 3FM CU

Topic title

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Detail



prof. MUDr. Pavel Kalvach, CSc.

Department of Neurology 3FM CU and UHKV

Topic title

Capacity of language skills (naming and repetition) in motherlanguage vs foreign languages. Insufficient knowledge compared with disease deficits

Detail



MUDr. Petr Potměšil, Ph.D.

Department of Pharmacology 3FM CU

Topic title

Pharmacokinetics - use of software MW-Pharm in therapeutic monitoring of levels of antidepressant or depot antipsychotic drugs

Pharmacovigilance in oncology - incidence of serious or unexpected adverse events during treatment with capecitabine or 5-fluorouracil in patients screened for the presence of complete dihydropyrimidine dehydrogenase deficiency Detail

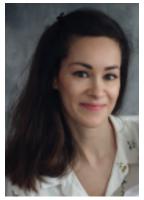


prof. MUDr. Tomáš Hájek, Ph.D.

National Institute of Mental Health, Klecany Department of Psychiatry, Dalhousie University, Nova Scotia, Canada

Topic title

Brain imaging studies in bipolar disorders and schizophrenia Detail



MUDr. Jana Urbanová, Ph.D.

Diabetology Centre and the Centre for Research on Diabetes, Metabolism and Nutrition, Department of Internal Medicine 3FM CU and UHKV

Topic title

Hypoglycaemia in patients treated with a hybrid closed-loop insulin pump Detail



doc. MUDr. Ludmila Brunerová, Ph.D.

Department of Internal Medicine 3FM CU and UHKV

Topic title

Detail



prof. MUDr. Pavel Kraml, Ph.D.

Department of Internal Medicine 3FM CU and UHKV

Topic title

New risk factors of atherosclerosis associated cardiovascular diseases Detail



prof. MUDr. Ivana Štětkářová, CSc.

Department of Neurology 3FM CU and UHKV

Topic title

Metabolomics in cerebrospinal fluid in Guillan-Barré syndrome Detail



doc. MUDr. František Duška, Ph.D.

Department of Anaesthesia and Intensive Care Medicine 3FM CU and UHKV

Topic title

To be discussed individually. Could be in the field of bioenergetics and skeletal muscle weakness, acid base physiology or gut microbiome and critical illness.



doc. MUDr. Jan Gojda, Ph.D.

Clinical Research Unit, Department of Internal Medicine 3FM CU and UHKV

Topic title

Intestinal microbiome and metabolome as the link between diet and metabolic profile Metabolic flexibility: response predictors to diet/exercise intervention Metabolic bone disease in patients on home parenteral nutrition Detail



MUDr. Adéla Krajčová, Ph.D.

Oxylab, Department of Anaesthesia and Intensive Care Medicine 3FM CU and UHKV

Topic title

Pathophysiology of intensive care acquired muscle weakness - the role of mitochondrial dysfunction Detail



prof. MUDr. Jan Trnka, Ph.D.

Laboratory for Metabolism and Bioenergetics, Department of Biochemistry, Cellular and Molecular Biology

Topic title

The interplay between ER-stress and mitochondrial stress in normal and cancer cells.



doc. MUDr. Martin Oliverius, Ph.D.

Department od General Surgery 3FM CU and UHKV

Topic title

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Detail



doc. RNDr. Pavel Souček, CSc.

Department of Toxicogenomics, Centre for Toxicology and Health Safety, State Institute of Health

Topic title

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Detail

RNDr. Radka Václavíková, Ph.D.

Department of Toxicogenomics, Centre for Toxicology and Health Safety, State Institute of Health

Topic title

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Mgr. Viktor Hlaváč, Ph.D.

Department of Toxicogenomics, Centre for Toxicology and Health Safety, State Institute of Health

Topic title

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doc. PharmDr. Magdaléna Šustková, CSc.

Department of Pharmacology 3FM CU

Topic title

New pharmacological approaches in addiction treatment based on neuronal cooperations in the brain reward system



prof. MUDr. Marcela Grünerová Lippertová, Ph.D.

Department od Rehabilitation Medicine 3FM CU and UHKV

Topic titleNeuromodulation and its use in neurorehabilitation
Virtual reality in neurorehabilitation <u>Detail</u>