

Doctoral theses

Department of Pharmacology

List of successfully defended doctoral theses

Student	Title	Supervisor	Type of study	Year of defence
RNDr. Andrej Miroššay	Study of the mechanisms of cytotoxic effect of potential antitumor substances of natural origin <i>in vitro</i>	prof. MVDr. Ján Mojžiš, DrSc.	E	2002
MUDr. Iveta Radváková	New medical approaches to testing leukemia cells for cytostatics	prof. MUDr. Ladislav Mirossay, DrSc.	E	2003
MVDr. Gabriela Mojžišová	Cardiac muscle damage by anthracycline antibiotics: possibilities of pharmacological intervention	prof. MUDr. Ladislav Mirossay, DrSc.	E	2004
PharmDr. Marek Šarišský	Modulating chemoresistance in malignant CNS tumors	prof. MUDr. Ladislav Mirossay, DrSc.	E	2006
MUDr. Rudolf Sudzina	Evaluation of apoptotic markers in patients with stroke	prof. MUDr. Anton Kohút, DrSc.	E	2006
MVDr. Martina Pilátová	Natural compounds and their potential use in anticancer therapy	prof. MVDr. Ján Mojžiš, DrSc.	D	2006
RNDr. Roman Mezencev	Prospective anticancer drugs derived from indole phytoalexins	prof. MVDr. Ján Mojžiš, DrSc.	E	2007
RNDr. Erika Jamborová	Glucocorticoid resistance and potential strategies for its modulation using ligands of peripheral benzodiazepine receptors	prof. MUDr. Ladislav Mirossay, DrSc.	D	2008
RNDr. Viktória Stupáková	Modulation of the effects of photodynamically active compounds	prof. MUDr. Ladislav Mirossay, DrSc.	D	2008
PharmDr. Lívia Kipikašová	Cancer cell resistance and its potential pharmacological modulation	prof. MVDr. Ján Mojžiš, DrSc.	D	2009

RNDr .Lenka Varinská	Polyphenolic compounds: study of antiproliferative and angiogenic effects	prof. MVDr. Ján Mojžiš, DrSc.	D	2009
PharmDr. Katarína Szilágyi	Molecular mechanism of resistance to glucocorticoids.	prof. MUDr. Ladislav Mirossay, DrSc.	D	2009
MUDr. Martina Čižmáriková	Evaluation of selected pharmacogenetic markers in relation to antineoplastic treatment of breast cancer	prof. MUDr. Anton Kohút, DrSc.	D	2009
PharmDr. Tomáš Wolaschka	The effect of selected cytostatics on the genotype and phenotype of cancer cells in relation to their resistance to antineoplastic therapy	prof. MVDr. Ján Mojžiš, DrSc.	E	2009
MUDr. Mária Giertlová	The relationship between genetic abnormalities, treatment response, and immunophenotype in chronic lymphocytic leukemia	prof. MUDr. Ladislav Mirossay, DrSc.	D	2010
RNDr. Róbert Seliga	Low-molecular-weight DNA ligands: potential anticancer drugs	prof. MVDr. Ján Mojžiš, DrSc.	D	2013
RNDr. Lenka Ivanová	Potential anticancer agents and their impact on angiogenesis	prof. MVDr. Ján Mojžiš, DrSc.	D	2013
MUDr. Zuzana Vidová	Genetic polymorphism of the MDR1 gene in relation to the therapeutic efficacy of paroxetine in selected psychiatric disorders	prof. MVDr. Ján Mojžiš, DrSc.	E	2013
MUDr. Zuzana Solárová	Geldanamycin, its derivatives, and their potential anticancer effects	prof. MVDr. Ján Mojžiš, DrSc.	E	2013
MVDr. Martina Chripková	Brassinine derivatives as potential anticancer agents	prof. MUDr. Ladislav Mirossay, DrSc.	D	2014
RNDr. Dávid Drutovič	Mechanism of the antiproliferative effect of potential anticancer agents	prof. MVDr. Ján Mojžiš, DrSc.	D	2014
PharmDr. Vlasta Perželová	Galectins: modulators of endothelial and tumor cell functions.	prof. MVDr. Ján Mojžiš, DrSc.	E	2016
RNDr. Gabriela Gönciová	Antiproliferative effects of homospisulosin and its derivatives	doc. MVDr. Martina Bago Pilátová, PhD.	D	2017

RNDr. Matúš Čoma	Expression of SLAM family receptors in human hematological malignancies	PharmDr. Marek Šarišský, PhD.	D	2017
Mgr. Miroslava Kičová	Relationships between immunophenotype, cytogenetic abnormalities and response to treatment in chronic B-lymphoproliferative diseases.	PharmDr. Marek Šarišský, PhD.	D	2018
Mgr. Viera Tischlerová	Indole phytoalexins: study of the mechanism of their antiproliferative effect	prof. MVDr. Ján Mojžiš, DrSc.	D	2018
Mgr. Peter Takáč	Study of molecular mechanisms of antiproliferative effect of chalcones.	prof. MVDr. Ján Mojžiš, DrSc.	D	2019
PharmDr. Natália Rozman Antolíková	Potential antiproliferative effect of animal poisons	prof. MVDr. Ján Mojžiš, DrSc.	E	2019
Mgr. Zuzana Dančišinová	Galectins in hematooncological malignancies	PharmDr. Marek Šarišský, PhD.	D	2019
Mgr. Alexandra Nagyová	Antiproliferative effects of jaspine B analogues.	doc. MVDr. Martina Bago Pilátová, PhD.	D	2021
RNDr. Lenka Fáber	Galectins and their effect on the tumor microenvironment and angiogenesis	RNDr. Lenka Varinská, PhD.	D	2021
Mgr. Klaudia Petrová	Modulation of the tumor microenvironment by secondary metabolites of lichens	RNDr. Martin Kello, PhD.	D	2021
Mgr. Tomáš Kuruc	Potential antitumor effect of chalcones: focus on the tumor microenvironment	RNDr. Martin Kello, PhD.	D	2021
PharmDr. Nikola Melegová	Fibroblasts as an active component of the tumor/wound microenvironment and their pharmacological modulation	RNDr. Peter Gál, DrSc.	D	2022
PharmDr. Radka Michalková	Chalcones and breast cancer: study of the mechanism of antiproliferative effect <i>in vitro</i> .	prof. MVDr. Ján Mojžiš, DrSc.	D	2022
PharmDr. Mária Gazdová	Natural substances and melanomas: study of the mechanism of antiproliferative effect <i>in vitro</i> .	prof. MVDr. Ján Mojžiš, DrSc.	D	2023
RNDr. Lukáš Urban	Tumor-associated and normal fibroblasts: mechanism and pharmacological modulation of their interactions with epithelial cells	RNDr. Peter Gál, DrSc.	D	2023

PharmDr. Mykhailo Huniadi	Analysis of SLAMF receptor expression during B cell differentiation and in B cell-derived hematological malignancies.	PharmDr. Marek Šarišský, PhD.	D	2024
PharmDr. Natália Nosálová	Pyrrolidines and their possible use in anticancer therapy	doc. MVDr. Martina Bago Pilátová, PhD.	D	2024
PharmDr. Libor Sokoli	Modulation of signaling pathways of proliferation, survival and invasiveness of colon carcinoma cells by indole phytoalexins under in vitro conditions.	prof. MVDr. Ján Mojžiš, DrSc.	E	2025
PharmDr. Alexandra Kešľáková	Mechanism of the cytotoxic action of sphingoid bases	doc. MVDr. Martina Bago Pilátová, PhD.	D	2025
PharmDr. Miriam Kaňuchová	Development of active wound dressings containing plant extracts that stimulate wound healing	RNDr. Peter Gál, DrSc.	D	2025
PharmDr. Šimon Salanci	Chalcones as modulators of oxidative stress-associated signaling pathways: an in vitro study on cancer cells	prof. MVDr. Ján Mojžiš, DrSc.	D	2025
PharmDr. Monika Majířská	Antiproliferative activity of novel synthetic diarylisoxazole derivatives	doc. MVDr. Martina Bago Pilátová, PhD.	D	2025