

Curriculum Vitae

Personal information **Frantisek Drafi**

Work experience

1. Employer: State Institute for Drug Control (SIDC) / Štátný ústav pre kontrolu liečiv (ŠÚKL_SK), Bratislava
 - Start date: 09/2017
 - End date: till today
 - Position: Clinical and non-clinical scientific assessor
 - Activities: Scientific assessor at the nonclinical and clinical assessors' department for the centralised procedure, national procedure, the decentralised procedure of medicinal products registration.
 - Country: Slovakia
2. Employer: Slovak Academy of Science, Centre of Experimental Medicine, organisation unit: Institute of Experimental Pharmacology and Toxicology, Bratislava
 - Start date: 07/2018
 - End date: till today
 - Position: Senior research fellow
 - Activities: The main interest is focused on the preclinical research and study of chronic inflammatory diseases, emphasising anti/pro-inflammatory processes to develop new therapeutic approaches. Pharmacodynamic, pharmacokinetic, and toxicological mechanisms of action of biologically active substances with anti-inflammatory and anti-radical properties are investigated in an animal model. Writing scientific papers, book chapters, presentations, etc. Supervision of pharmacy/medicine/natural science students and participation in current scientific projects. Planning, preparing, and organisation of scientific projects, as well as supervision of PhD students.
 - Country: Slovakia
3. Employer: Slovak Academy of Science, Centre of Experimental Medicine, organisation unit: Institute of Experimental Pharmacology and Toxicology, Bratislava
 - Start date: 09/2012
 - End date: 06/2018
 - Position: Junior research fellow
 - Activities: The main interest was focused on the preclinical research and study of chronic diseases, emphasising anti/pro-inflammatory processes. Pharmacodynamic, pharmacokinetic, and toxicological mechanisms of action of biologically active substances with anti-inflammatory and anti-radical properties are investigated in an animal model. Writing of scientific papers and book chapters. Supervision of students of pharmacy/medicine and participation in current scientific projects. Unpaid leave from March 2013 to January 2015 - see below (point 4.).
 - Country: Slovakia
4. Employer: ICRC _ FNUSA, Brno
 - Start date: 05/2013
 - End date: 01/2015
 - Position: Junior foreign research fellow
 - Activities: The main focus was studying experimental onco_diseases, emphasising new pharmacotherapeutic principles through ultrasound diagnosis. Pharmacodynamic mechanisms of action of newly synthesized substances have been investigated on animal and cellular levels and the medicinal standard comparison.
 - Country: Czechia
5. Employer: Public Pharmacy, Bratislava and Western Slovakia
 - Start date: 06/2009
 - End date: 08/2017
 - Position: General Pharmacist
 - Activities: General pharmaceutical public healthcare, writing healthcare papers for the public, participation in a national healthcare campaign. Patient's consultation of posology, interactions, side effects and other relevant aspects involved in clinical pharmacy.
 - Country: Slovakia
6. European Medicines Agency, Amsterdam
 - Start date: 09/2017
 - End date: till today
 - Position: SK member of the Committee for Medicinal Products for Human Use (CHMP) at the European Medicines Agency (EMA)
 - Activities: Slovak member of the CHMP; The (co)rapporteur for the centralised procedure.
 - Country: Netherlands

Education and training

1. Subject: Faculty of Public Health, Slovak Medical University, Bratislava
 - Start date: 09/2015
 - End date: 06/2018
 - Qualification: **Master of Public Health (MPH)**
 - Organisation: The study of the MPH programme is harmonized with directives of the European Union to impart graduates with the necessary skills and qualifications to practice as health care experts. The qualification management study program involves behavioural health, epidemiology, management and health economics, health protection, and preventive and clinical medicine.
 - Country: Slovakia

2. Subject: Jessenius Faculty of Medicine in Martin, Comenius University in Bratislava
 - Start date: 09/2009
 - End date: 08/2012
 - Qualification: **PhD degree in Pharmacology** (PhD.)
 - Organisation: Pharmacology, patho-biochemistry, experimental rheumatology, etc.
 - Country: Slovakia
3. Subject: Faculty of Pharmacy, Comenius University in Bratislava
 - Start date: 09/2010
 - End date: 04/2011
 - Qualification: **Doctoral degree in Pharmacy** (PharmDr.)
 - Organisation: Pharmacology, patho-biochemistry, experimental diabetology.
 - Country: Slovakia
4. Subject: Faculty of Pharmacy, Comenius University in Bratislava
 - Start date: 09/2004
 - End date: 06/2009
 - Qualification: **Master's degree in Pharmacy** (Mgr.)
 - Organisation: Pharmacology and toxicology, pharmacognosy, pharmaceutical chemistry, pharmaceutical technology, social pharmacy, legislation and pharmacoeconomics, experimental diabetology, etc.
 - Country: Slovakia

Additional information

Publications

Publication in the clinical fields:

- MANDSLAY, Diana - ALMEIDA, Diogo - MARQUES, Adriana - ROCHA, João - **DRÁFI, František** - SEPODES, Bruno - TORRE, Carla. Comparative Analysis of Post-Authorization Measures for Advanced Medicinal Products Authorized in the European Union and in the United States of America Between 2009 and 2023. In *Clinical Pharmacology and Therapeutics*, **2025**, 117(1), pp. 73–93.
- MELCHIORRI, Daniela - MERLO, Sara - MICALLEF, Benjamin - BORG, John Joseph - **DRÁFI, František**. Alzheimer's disease and neuroinflammation: will new drugs in clinical trials pave the way to a multi-target therapy. In *Frontiers in Pharmacology*, **2023**, vol. 14, June, art. no. 1196413. (2022: 5.600 - IF, Q1 - JCR, 1.064 - SJR, Q1 - SJR). ISSN 1663-9812.
- ŠÍMA, Martin - LASLOP, Andrea - BORG, John Joseph - PONIŠT, Silvester - MELCHIORRI, Daniela - **DRÁFI, František**. Editorial: Pharmacology of autoimmune and neuroinflammatory disease from a preclinical and clinical perspective. In *Frontiers in Pharmacology*, **2023**, vol. 14, June, art. no. 1228406. (2022: 5.600 - IF, Q1 - JCR, 1.064 - SJR, Q1 - SJR).
- SEPODES, Bruno - ROCHA, Joao - BATISTA, Jorge - FIGUEIRA, Maria Eduardo - **DRÁFI, František** - TORRE, Carla. Implementation and Access to Pre-exposure Prophylaxis for Human Immunodeficiency Virus by Men Who Have Sex With Men in Europe. In *Frontiers in Medicine*, **2021**, vol. 8, art. no. 722247. (2020: 5.091 - IF, Q1 - JCR, 1.388 - SJR, Q1 - SJR). ISSN 2296-858X. <https://doi.org/10.3389/fmed.2021.722247>

Publication in the field of experimental arthritis and in vitro hyaluronic acid radical degradation (incl. abstracts):

- KHADEMNMATOLAHİ, Sasan - BAUEROVÁ, Katarína - PRUŽINSKÁ, Katarína - **DRÁFI, František** - PONIŠT, Silvester - ŠVÍK, Karol - MUCHOVÁ, Jana. A PRECLINICAL STUDY FOCUSING ON OXIDATIVE STRESS IN ADJUVANT ARTHRITIS RAT MODEL TO EVALUATE THE EFFECT OF VARIOUS MOLECULAR WEIGHTS OF HYALURONIC ACID IN MONOTHERAPY AND IN COMBINATION WITH METHOTREXATE : AB0783. In *Annals of the Rheumatic Diseases*, **2024**, vol.83, suppl. 1, pp. (2023: 20.3 - IF, Q1 - JCR, 6.138 - SJR, Q1 - SJR). ISSN 0003-4967.
- PRUŽINSKÁ, Katarína - CHRASTINA, Martin - KHADEMNMATOLAHİ, Sasan - VYLETELOVÁ, Veronika - GAJDOŠOVÁ, Lívia - PASTVOVÁ, Lucia - **DRÁFI, František** - PONIŠT, Silvester - PAŠKOVÁ, Ľudmila - KUCHARSKÁ, Jarmila - ŠUMBALOVÁ, Zuzana - MUCHOVÁ, Jana - MARTINIAKOVÁ, Silvia - BAUEROVÁ, Katarína. Astaxanthin, Compared to Other Carotenoids, Increases the Efficacy of Methotrexate in Rat Adjuvant Arthritis. In *International Journal of Molecular Sciences*, **2024**, vol.25, no.16, art. no. 8710. (2023: 4.9 - IF, Q1 - JCR, 1.179 - SJR, Q1 - SJR). ISSN 1422-0067.
- **DRÁFI, František** - BAUEROVÁ, Katarína - CHRASTINA, Martin - TAGHDISIESFEJIR, Mohsen - ROCHA, João - DIREITO, Rosa - FIGUEIRA, Maria Eduardo - SEPODES, Bruno - PONIŠT, Silvester. Rhodiola rosea L. Extract, A Known Adaptogen, Evaluated in Experimental Arthritis. In *Molecules*, **2023**, vol. 28, no. 13, art. no. 5053. (2022: 4.600 - IF, Q2 - JCR, 0.704 - SJR, Q1 - SJR, karentované - CCC). (2023 - Current Contents, WOS, SCOPUS).
- CHRASTINA, Martin - **DRÁFI, František** - PRUŽINSKÁ, Katarína - PONIŠT, Silvester - KAMGA, Kevine Silihe - KHADEMNMATOLAHİ, Sasan - BILKA, František - NOVÁK, Peter - PAŠKOVÁ, Ľudmila - BAUEROVÁ, Katarína**. Crocus sativus L. Extract (Saffron) Effectively Reduces Arthritic and Inflammatory Parameters in Monotherapy and in Combination with Methotrexate in Adjuvant Arthritis. In *Nutrients*, **2023**, vol. 15, no. 19, art. no. 4108. (2022: 5.9 - IF, Q1 - JCR, 1.291 - SJR, Q1 - SJR). ISSN 2072-6643.
- PRUŽINSKÁ, Katarína - SLOVÁK, Lukáš - **DRÁFI, František** - PONIŠT, Silvester - JURÁNEK, Ivo - CHRASTINA, Martin - ŠVÍK, Karol - STROJNÝ, L. - AMBRO, Ľuboš - BAUEROVÁ, Katarína**. Enhanced Anti-Inflammatory Effect of the Combination of Lactiplantibacillus plantarum LS/07 with Methotrexate Compared to Their Monotherapies Studied in Experimental Arthritis. In *Molecules*, **2023**, vol. 28, no. 1, art. no. 297.
- CHRASTINA, Martin - PONIŠT, Silvester - **DRÁFI, František** - ŠVÍK, Karol - KHADEMNMATOLAHİ, Sasan - PRUŽINSKÁ, Katarína - TCHORBANOV, Andrey - BAUEROVÁ, Katarína. Effect of Saffron Extract, Astaxanthin, and Carnosic Acid on the Levels of Matrix Metalloproteinase-9 and on Body Weight Changes in Arthritis Experiments. In *European Pharmaceutical Journal*, **2022**, vol.69, no. 2, p. 26-33. (2021: 0.138 - SJR, Q4 - SJR). ISSN 1338-6786.
- **Frantisek Drafí**, Silvester Ponist, Bruno Sepodes, Katarina Bauerova, Effects of Selected Non-biological and Biological Disease-Modifying Anti-rheumatic Drugs, Glucocorticoids, Denosumab and mRNA Vaccines on Mononuclear Phagocyte System, Reference Module in Biomedical Sciences, Elsevier, **2021**, ISBN 9780128012383, <https://doi.org/10.1016/B978-0-12-820472-6.00110-9>.
- SÝKORA, T.** - BABÁL, Pavel - KURACINOVÁ, Kristína - **DRÁFI, František** - PONIŠT, Silvester - DVORÁKOVÁ, M. - JANEGA, Pavol - BAUEROVÁ, Katarína. Hyperbilirubinemia Maintained by Chronic Supplementation of Unconjugated Bilirubin Improves the Clinical Course of Experimental Autoimmune Arthritis. In *International Journal of Molecular Sciences*, **2021**, vol. 22, iss. 16, art. no. 8662. (2020: 5.923 - IF, Q1 - JCR, 1.455 - SJR, Q1 - SJR).
- TSIKLARI, Lia - ŠVÍK, Karol - CHRASTINA, Martin - PONIŠT, Silvester - **DRÁFI, František** - SLOVÁK, Lukáš - ALANIA, Mery - KEMERTELIDZE, Ether - BAUEROVÁ, Katarína**. Bioflavonoid Robinin from Astragalus falcatus Lam. Mildly Improves the Effect of Methotrexate in Rats with Adjuvant Arthritis. In *Nutrients*, **2021**, vol. 13, no. 4, art. no. 1268. (2020: 5.717 - IF, Q1 - JCR, 1.418 - SJR, Q1 - SJR). ISSN 2072-6643.

- TSIKLAKOURI, Lia _ **DRÁFI, František** _ PONIŠT, Silvester _ SLOVÁK, Lukáš _ CHRASTINA, Martin _ ŠVÍK, Karol _ KEMOKLIDZE, Z. _ KEMERTELIDZE, E. _ BAUEROVÁ, Katarína**. Study of Anti-Inflammatory Activity of Fatsiphloginum™ (Fatsia japonica) and a New Purified Triterpene-Rich Extract of Saponins (PS_551) in Experimental Model of Arthritis. In *Physiological Research*, **2019**, vol. 68, suppl. 1, p. S75_S85. (1.701 _ IF2018). ISSN 0862_8408.
- **DRÁFI, František** _ BAUEROVÁ, Katarína _ VALACHOVÁ, Katarína _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ JURÁNEK, Ivo _ BOLDYREV, A. _ HRABÁROVÁ, Eva _ ŠOLTÉS, Ladislav. Carnosine inhibits degradation of hyaluronan induced by free radical processes in vitro and improves the redox imbalance in adjuvant arthritis in vivo. In *Neuroendocrinology Letters*, **2010**, vol. 31, suppl. 2, p. 96_100. (1.047 _ IF2009). ISSN 0172_780X.
- **DRÁFI, František** _ VALACHOVÁ, Katarína _ HRABÁROVÁ, Eva _ JURÁNEK, Ivo _ BAUEROVÁ, Katarína _ ŠOLTÉS, Ladislav. Study of methotrexate and β -alanine L-histidine in comparison with L-glutathione on high_molar_mass hyaluronan degradation induced by ascorbate plus Cu(II) ions via rotational viscometry. In *Acta Medica (Hradec Králové)* : Journal of Faculty of Medicine in Hradec Králové, **2010**, vol. 53, no. 3, p.170_171. ISSN 1211_4286.
- **DRÁFI, František** _ VALACHOVÁ, Katarína _ HRABÁROVÁ, Eva _ BAUEROVÁ, Katarína _ JURÁNEK, Ivo _ ŠOLTÉS, Ladislav. Effect of methotrexate and carnosine on high_molar_mass hyaluronan degradation by Weissberger's system. In *Lipid oxidation, human diseases and aging: program and abstract book*. Turin, Italy, June 16_18, 2010. _ [Turin] : [University of Turin], **2010**, p. P8.
- **DRÁFI, František** _ VALACHOVÁ, Katarína _ HRABÁROVÁ, Eva _ JURÁNEK, Ivo _ BAUEROVÁ, Katarína _ ŠOLTÉS, Ladislav. Radical degradation of high_molar_mass hyaluronan induced by ascorbate plus Cu(II) ions. Testing of methotrexate and carnosine for their function as anti-oxidant. In *TOXCON 2010: borderless toxicology. 15th Interdisciplinary toxicological conference & advanced toxicological course. The High Tatras Slovakia, Stará Lesná _ Hotel Academia, September 6_10, 2010. Dedicated to the memory of doyen of Czecho-Slovak pharmacology and toxicology Prof. Helena Rašková, MD., DSc. (1913 _ 2010). Programme & Abstracts.*, p. A41 _ A42. Interdisciplinary toxicology. _ Bratislava : Slovak Toxicology Society SETOX : Institute of Experimental Pharmacology and Toxicology SAS, **2010**, vol. 3, no. 3, p. A41 _ A42. ISSN 1337_6853.
- **DRÁFI, František** _ BAUEROVÁ, Katarína _ KUNCÍROVÁ, Viera _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ FEDOROVA, Tatiana _ HARMATHA, Juraj _ NOSÁL, Radomír. Pharmacological influence on processes of adjuvant arthritis: Effect of the combination of an antioxidant active substance with methotrexate. In *Interdisciplinary toxicology*, **2012**, vol. 5, no. 2, p. 84_91. ISSN 1337_6853.
- **DRÁFI, František** _ BAUEROVÁ, Katarína _ KUNCÍROVÁ, Viera _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ BOLDYREV, A. _ HARMATHA, Juraj _ NOSÁL, Radomír. Evaluation of combined methotrexate therapy with antioxidant active substances in adjuvant-induced arthritis. A new approach to rheumatoid arthritis treatment. In *Drugs: their action in pharmacology and toxicology*. Editors Viktor Bauer, Mojmir Mach, Jana Navarová, Ružena Sotníková. _ Bratislava: Institute of Experimental Pharmacology and Toxicology SAS, **2012**, p. 161_175. ISBN 978_80_971042_0_7.
- **DRÁFI, František** _ SÝKORA, T. _ KUNCÍROVÁ, Viera _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ BAUEROVÁ, Katarína. Hyperbilirubinaemia decreases clinical and biochemical markers in adjuvant-induced arthritis. In *TOXCON 2012. Toxicology at the crossroad : 17th Interdisciplinary toxicological conference and Advanced toxicological course. The High Tatras, Slovakia. Stará Lesná _ hotel Academia, August 27_31, 2012. Programme and abstracts*, p. 32. Interdisciplinary toxicology. _ Bratislava : Slovak Toxicology Society SETOX : Institute of Experimental Pharmacology and Toxicology SAS, **2012**, vol. 5, suppl. 1, p. 32. ISSN 1337_6853.
- **DRÁFI, František** _ BAUEROVÁ, Katarína _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ KUNCÍROVÁ, Viera _ BOLDYREV, A. _ NOSÁL, Radomír. Experimental treatment of the adjuvant-induced arthritis. In *Miniconference of doctoral students : abstract booklet*. _ Bratislava : IEPT SAS, **2012**, p. non pag.(Miniconference of doctoral students).
- **DRÁFI, František** _ BAUEROVÁ, Katarína. Predklinické a klinické aspekty formulácie a použitia transdermálnych terapeutických systémov. In *Česká a Slovenská farmacie : časopis České farmaceutické společnosti a Slovenské farmaceutické společnosti*, **2011**, roč. 60, č. 6, s. 305_306. ISSN 1210_7816.
- **DRÁFI, František** _ BAUEROVÁ, Katarína _ VALACHOVÁ, Katarína _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ JURÁNEK, Ivo _ FEDOROVA, Tatiana _ HRABÁROVÁ, Eva _ ŠOLTÉS, Ladislav. Karnozín inhibuje degradáciu hyaluronanu indukovanú voľnoradikálovými procesmi in vitro a zlepšuje redoxnú nerovnováhu v adjuvantnej artritíde in vivo : [Carnosine inhibits degradation of hyaluronan induced by free radical processes in vitro and improves the redox imbalance in adjuvant arthritis in vivo] = Carnosine inhibits degradation of hyaluronan induced by free radical processes in vitro and improves the redox imbalance in adjuvant arthritis in vivo. In *Pokroky vo farmakológii v Slovenskej republike VI. Editori: Pavel Švec, Magdaléna Kuželová, Ján Kyselovič*. _ Bratislava : Univerzita Komenského v Bratislave, Farmaceutická fakulta, **2011**, s. 42_48. ISBN 978_80_223_3073_2.
- PONIŠT, Silvester _ BAUEROVÁ, Katarína _ MIHALOVÁ, Danica _ **DRÁFI, František** _ TRUNOVÁ, Oľga _ FEDOROVA, Tatiana _ BOLDYREV, A. Carnosine, an antioxidant or more? Effect of carnosine on rat adjuvant arthritis, an auto-immune disease. In *Lipid oxidation, human diseases and ageing: program and abstract book*. Turin, Italy, June 16_18, 2010. _ [Turin] : [University of Turin], **2010**, p. P29.
- VALACHOVÁ, Katarína _ HRABÁROVÁ, Eva _ **DRÁFI, František** _ JURÁNEK, Ivo _ BAUEROVÁ, Katarína _ PRIESOLOVÁ, Elena _ NAGY, Milan _ ŠOLTÉS, Ladislav. Ascorbate and Cu(II) induced oxidative degradation of high_molar_mass hyaluronan. Pro- and antioxidative effects of some thiols. In *Neuroendocrinology Letters*, **2010**, vol. 31, suppl. 2, p. 101_104. (1.047 _ IF2009). ISSN 0172_780X.
- VALACHOVÁ, Katarína _ HRABÁROVÁ, Eva _ **DRÁFI, František** _ JURÁNEK, Ivo _ BAUEROVÁ, Katarína _ ŠOLTÉS, Ladislav. Testing the protective effects of some disease-modifying anti-rheumatic drugs against the damage of a joint component _ hyaluronan _ induced by ascorbate plus Cu(II) under aerobic conditions. In *Acta Medica (Hradec Králové)* : journal of Faculty of Medicine in Hradec Králové, **2010**, vol. 53, no. 3, p. 198_199. ISSN 1211_4286.
- VALACHOVÁ, Katarína _ HRABÁROVÁ, Eva _ **DRÁFI, František** _ JURÁNEK, Ivo _ BAUEROVÁ, Katarína _ NAGY, Milan _ PRIESOLOVÁ, Elena _ ŠOLTÉS, Ladislav. Ascorbate and Cu(II) induced oxidative degradation of high_molar_mass hyaluronan: pro- and antioxidative effects of some thiol xenobiotics and drugs. In *TOXCON 2010: borderless toxicology. 15th Interdisciplinary toxicological conference & advanced toxicological course. The High Tatras Slovakia, Stará Lesná _ Hotel Academia, September 6_10, 2010. Dedicated to the memory of doyen of Czecho-Slovak pharmacology and toxicology Prof. Helena Rašková, MD., DSc. (1913 _ 2010). Programme & Abstracts.*, p.A90. Interdisciplinary toxicology. _ Bratislava : Slovak Toxicology Society SETOX : Institute of Experimental Pharmacology and Toxicology SAS, **2010**, vol. 3, no. 3, p. A90. ISSN 1337_6853.
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- BAUEROVÁ, Katarína _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ **DRÁFI, František** _ KUNCÍROVÁ, Viera. Utilization of adjuvant arthritis model for evaluation of new approaches in rheumatoid arthritis therapy focused on regulation of immune processes and oxidative stress. In Interdisciplinary toxicology, **2011**, vol. 4, no. 1, p. 33_39. ISSN 1337_6853.
- KUNCÍROVÁ, Viera _ **DRÁFI, František** _ PONIŠT, Silvester _ MIHALOVÁ, Danica _ ONDREJČKOVÁ, Olga _ FEDOROVA, Tatiana _ BAUEROVÁ, Katarína. Improvement of standard anti_arthritic therapy with carnosine addition to methotrexate in rat adjuvant arthritis. In Second International Conference on Environmental Stressors in Biology and Medicine : october 5_7, 2011, Centro Didattico, Policlinico Le Scotte, Università di Siena, Siena (Italy). _ Siena : [University of Siena], **2011**, p. 72.
- PONIŠT, Silvester _ **DRÁFI, František** _ KUNCÍROVÁ, Viera _ MIHALOVÁ, Danica _ ONDREJČKOVÁ, Olga _ TRUNOVÁ, Olga _ FEDOROVA, Tatiana _ BOLDYREV, A. _ BAUEROVÁ, Katarína. Anti_inflammatory effect of carnosine on rat adjuvant arthritis. In Programme and abstract book : international congress on "Carnosine in exercise and disease". July 10_12, **2011**, Ghent (Belgium). _ [Ghent] : [Universiteit Gent], 2011, p. 41.
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- **DRÁFI, František** _ JANKYOVÁ, Stanislava _ MÁTYÁS, Štefan. Vplyv pycnogenolu na expresiu GP91(PHOX) a kaveolínu_1 v aorte diabetických potkanov = Effect of pycnogenol on expression of GP91(PHOX) and caveolin_1 in the aorta of diabetic rats. In Pokroky vo farmakológii v Slovenskej republike 5. Editori: Pavel Švec, Ján Kyselovič, Magdaléna Kuželová. _ Bratislava : Farmaceutická fakulta UK, 2010, s. 92 _ 98. ISBN 978_80_223_2883_8.
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Publication in the field of experimental oncology:

- Kratochvílová K, Horak P, Ešner M, Souček K, Pils D, Anees M, Tomasich E, **DRÁFI F**, Jurtíková V, Hampl A, Krainer M, Vaňhara P. Tumor suppressor candidate 3 (TUSC3) prevents the epithelial_to_mesenchymal transition and inhibits tumor growth by modulating the endoplasmic reticulum stress response in ovarian cancer cells. Int J Cancer. 2015 Sep 15;137(6):1330_40.
- Jiřík R, Souček K, Mézl M, Bartoš M, Dražanová E, **DRÁFI F**, Grossová L, Kratochvíla J, Macíček O, Nylund K, Hampl A, Gilja OH, Taxt T, Starčuk Z Jr. Blind deconvolution in dynamic contrast_enhanced MRI and ultrasound. Conf Proc IEEE Eng Med Biol Soc. 2014;2014:4276_9.

Projects

The projects I am involved in are in general/basic pharmacological research of natural compounds and products in the academic sector without any private or pharmaceutical companies' involvement. This basic research is performed at the Slovak Academy of Science and funded by academic grants and national research agencies, e.g. VEGA and APVV **supported by the SK government only**.

Current and previous research academic projects in which I am involved are:

- VEGA_2/0091/23 (national academic grant, 2023-2026), principal investigator.
- APVV-23-0508 (acronym: PQC inhalation M; national academic grant, 2024-2028), deputy at CEM of the principal investigator.
- VEGA_2/0126/23 (national academic grant, 2023-2026), research team member.
- VEGA_2/0079/24 (national academic grant, 2023-2026), research team member.

Previous research academic projects in where I was involved were:

- APVV_SK_CN_21_0039 (bilateral project Slovak _ China, 2022_2023), research team member.
- APVV_SK_PT_18_0022 (bilateral project Slovak - Portugal, 2019_2022), research team member.
- Anti-inflammatory effects of natural compounds isolated from Vietnam medical plants (bilateral academic Slovak - Vietnam, 2020_2023), research team member.
- VEGA2/0136/20 "NOVÉ PRÍSTUPY K LIEČBE KACHEXIE, ZÁPALU A OXIDAČNÉHO STRESU V EXPERIMENTÁLNEJ ARTRITÍDE: ÚČINOK RÔZNYCH RASTLINNÝCH EXTRAKTOV Z OLIVOVÝCH LISTOV, RHODIOLA ROSEA, TRIBULUS TERRESTRIS A EXTRA PANENSKÉHO OLIVOVÉHO OLEJA" (2019_2021), research team member.
- APVV_15_0308: Molecular-pharmacological approaches to innovative therapy of rheumatoid arthritis evaluated under experimental conditions in vivo and in vitro (2015_2020), research team member.
- VEGA no. 2/0044/15: Investigation of influencing inflammation, chronic autoimmune reaction and redox regulation of the organism in experimental arthritis using new substances for adjuvant therapy of rheumatoid arthritis. (2015_2018), research team member.
- VEGA no. 2/0045/11: Study of combination of immunosuppressive treatment and substances affecting redox balance of organism on animal models of rheumatoid arthritis, research team member.
- SAV_CNR: Evaluation of Quercetin and Green Tea in combination with Methotrexate for arthritis therapy, research team member.

In all these projects, I do not have or did not ever have direct or indirect interests in pharmaceutical, medical device companies or notified bodies. All current/ongoing project updates are available at the link: [projects](#).

Memberships

- Slovak Pharmacological Association (under SkMA; since 2023), elected supervisory board member (2025-2028).

- Slovak Chamber of Pharmacy (since 2010), member.
- The Slovak Toxicology Society (SETOX; since 2021), member.
- Slovak Medical Association (SkMA; since 2023), member.

Other Relevant Information

In summary, my h-index reached the value of $h = 13$ (according to [Scopus in 2025](#)), and the number of citations is more than 495 (according to [Scopus in 2025](#)).

I am currently a principal investigator for the national VEGA project (No.: 2/0091/23), deputy principal investigator at CEM of the APVV project (No.: APVV-23-0508), and a member of the research team of ongoing national research projects funded by VEGA and APVV in Slovakia's academic sector. All projects are government-founded only.

Cumulative info: [Information Page of the SAS Employee](#)