



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 *Drug Efficacy Assessment Department* for the centralised procedure, national procedure, and the decentralised procedure of medicinal products.
 - 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 focus is on preclinical research and the study of chronic inflammatory diseases, emphasising anti- and 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 organising scientific projects, as well as supervising 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 focus was on preclinical research and the 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 oncological diseases, emphasising new pharmacotherapeutic principles through ultrasound diagnosis. Pharmacodynamic mechanisms of action of newly synthesised substances have been investigated at the animal and cellular levels, as well as in comparison with the medicinal standard.
 - 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, and participation in a national healthcare campaign. Patient's consultation on posology, interactions, side effects, and other relevant aspects 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 pharmacoconomics, 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):

- KHADEMNETOLAH, Sasan - PONIŠT, Silvester - ŠVÍK, Karol - **DRÁFI, František** - SLOVÁK, Lukáš - MUCHOVÁ, Jana - MINDANG, Elisabeth Louise - AHMAD, Waqar - BAUEROVÁ, Katarína. Therapeutic Effects of Two Different Molecular Weights of Orally Administered Hyaluronan, Both as Monotherapy and in Combination with Methotrexate in a Rat Model of Arthritis. In *International Journal of Molecular Sciences*, **2025**, vol. 26, no. 9, art. no. 3958. (2024: 4.9 - IF, Q1 - JCR, 1.273 - SJR, Q1 - SJR)
- KHADEMNETOLAH, 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 - KHADEMNETOLAH, Sasan - VYLETELOVÁ, Veronika - GAJDOŠOVÁ, Lívia - PASTVOVÁ, Lucia - **DRÁFI, František** - PONIŠT, Silvester - PAŠKOVÁ, Ľudmila - KUCHARSKÁ, Jarmila - SUMBALOVÁ, Zuzana - MUCHOVÁ, Jana - MARTINIÁKOVÁ, 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 - KHADEMNETOLAH, 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 - KHADEMNETOLAH, 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.
- **František 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. - JANEĽA, 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.

• **TSIKLAURI, 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 -alanyl-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 voľnorodikálovými 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 aging: 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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• **ACQUAVIVA, Alessandra _ DRÁFI, František _ VECCHIO, Daniela _ PONIŠT, Silvester _ AREZZINI, Beatrice _**

MIHALOVÁ, Danica _ GARDI, Concetta _ NOSÁL, Radomír _ BAUEROVÁ, Katarína. Pinosylvin administered in monotherapy and in combination with methotrexate reduces oxidative stress in adjuvant arthritis rat model. In Second International Conference on Environmental Stressors in Biology and Medicine : october 5_7, 2011, Centro Didattico, Policlinico Le Scotte, Universita di Siena, Siena (Italy). _ Siena : [University of Siena], **2011**, p. 58.

- 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, Oľga _ 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, Universita di Siena, Siena (Italy). _ Siena : [University of Siena], **2011**, p. 72.
- PONIŠT, Silvester _ **DRÁFI, František** _ KUNCÍROVÁ, Viera _ MIHALOVÁ, Danica _ ONDREJČKOVÁ, Oľga _ TRUNOVÁ, Oľga _ 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.
- VALACHOVÁ, Katarína _ VARGOVÁ, A. _ RAPTA, Peter _ HRABÁROVÁ, Eva _ **DRÁFI, František** _ BAUEROVÁ, Katarína _ JURÁNEK, Ivo _ ŠOLTĚS, Ladislav. Aurothiomalate as preventive and chain_breaking antioxidant in radical degradation of high_molar_mass hyaluronan. In Chemistry & biodiversity, **2011**, vol. 8, no. 7, p. 1274_1283. (1.586 _ IF2010). (2011 _ Current Contents). ISSN 1612_1872.
- VECCHIO, Daniela _ ACQUAVIVA, Alessandra _ AREZZINI, Beatrice _ GARDI, Concetta _ PONIŠT, Silvester _ **DRÁFI, František** _ MIHALOVÁ, Danica _ NOSÁL, Radomír _ BAUEROVÁ, Katarína. Activity of pinosylvin administered in monotherapy and in combination with methotrexate on the development of rat adjuvant arthritis. In 4eme Symposium International Nutrition, Biologie de l'Oxygene et Médecine : radicaux libres et vieillissement: des aspects fondamentaux aux applications cliniques. 15-17 Juin 2011, Paris, France. _ Paris : Oxygen Club of California, **2011**, p. P14.
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- **DRÁFI, František** _ JANKYOVÁ, Stanislava _ MÁTYÁS, Štefan. Vplyv pycnogenolu na expresiu GP91(PHOX) a kaveolinu_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:

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- 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 general/basic pharmacological research on natural compounds and products in the academic sector, without any involvement from private or pharmaceutical companies. 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 and academic projects in which 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 Vietnamese 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, and have never had, direct or indirect interests in pharmaceutical, medical device companies, or notified bodies. All current/ongoing project updates are available at the link: [projects](#).

Memberships

- Scientific Grant Agency of the Ministry of Education, Research, Development and Youth of the Slovak Republic and the Slovak Academy of Sciences (VEGA; since 2026) - member of committee No. 9
- 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