

Curriculum vitae

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PERSONAL INFORMATION

First and last name: **Jaroslav Vadlejch**
 Gender: Male
 Nationality: Czech
 Date and place of birth: March 1979, Strakonice (South Bohemia)

Current position: **Associate Professor**, Research group leader
 Work address: **Czech University of Life Sciences Prague**,
 Faculty of Agrobiolgy, Food and Natural Resources,
 Department of Zoology and Fisheries,
 Kamýcká 129, 165 00 Prague – Suchdol, Czech Republic
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EDUCATION

2014 **Habilitation**, Czech University of Life Sciences Prague (ČZU) – Assoc. Prof.
 Habilitation thesis: Gastrointestinal nematodes in small ruminants

2008 **Ph.D. thesis defence**
 Ph.D. thesis: Biochemical identification of peptidases in gastrointestinal nematode *Trichostrongylus colubriformis*

2002 – 2005 **Ph.D. study**
 Institution: Czech University of Life Sciences Prague (ČZU), Faculty of Agrobiolgy, Food and Natural Resources (FAFNR)
 Field of study, Specialization: Animal Production, Parasitology

2001 **Extraordinary study**
 Institution: Charles University, Faculty of Science
 Field of study, Specialization: Special biology, Parasitology

1997 – 2002 **Undergraduate study** – Ing.
 Institution: ČZU, FAFNR
 Field of study: Animal production
 Diploma thesis: Effect of *Trichostrongylus colubriformis* (Nematoda: Trichostrongylidae) infectious doses on endogenous development in domestic rabbits (*Oryctolagus cuniculus* f. *domestica*)

PROFESSIONAL AND ACADEMIC EXPERIENCE

- 2015 – present **Associate Professor of Applied Zoology**, Czech University of Life Sciences Prague
- 2008 – 2015 **Assistant Professor**, Czech University of Life Sciences Prague
- 2006 – 2008 **Technician**, Czech University of Life Sciences Prague

Teaching

- **Zoology** (in Czech) – course supervisor, the majority of lectures/topics
- **Parasitology** (in Czech) – lectures (Parasites in ruminants and Parasites in swine)
- **Food hygiene and safety** (in Czech) – lecture (Foodborn parasites)
- **Parasitology** (in English) – course supervisor, the majority of lectures and practices
- **Zoology** (in English) – lectures and practices (Porifera, Cnidaria, Platyhelminthes, Nematoda)
- **Veterinary parasitology for farmers** (PhD course)

Supervision of undergraduate & Ph.D. students

- 2008 – present: **81 bachelor thesis** at the Czech University of Life Sciences Prague, Faculty of Agrobiolgy, Food and Natural Resources, Faculty of Environmental Sciences and Faculty of Tropical AgriScience
- 2008 – present: **33 master thesis** at the Czech University of Life Sciences Prague, Faculty of Agrobiolgy, Food and Natural Resources, Faculty of Environmental Sciences and Faculty of Tropical AgriScience
- **Jana Nápravníková**, 2023: “Control of strongyle infections at horse breeding in the Czech Republic” – Ph.D. thesis
- **Jan Magdálek**, 2022: “Diagnosis, pathology and epidemiology of ashworthiosis” – Ph.D. thesis
- **Iveta Angela Kyriánová**, 2019: “Gastrointestinal nematodes and lungworms in intensive breeding of domestic and wild ruminants“ – Ph.D. thesis

Reviewer of Ph.D. theses

- Charles University, First Faculty of Medicine (Czech Republic)
- Charles University, Faculty of Pharmacy in Hradec Králové (Czech Republic)
- University of South Bohemia in České Budějovice, Faculty of Agriculture (Czech Republic)
- University of Veterinary Medicine and Pharmacy in Košice, Dept. of Epizootiology, Parasitology and Protection of One Health (Slovakia)

Peer-reviewer of research manuscripts

- For more information visit **Web of Science**
(<https://www.webofscience.com/wos/author/record/1603644>)

Editorial board of scientific journals

- Guest editor, **Pathogens** (WOS IF 2023 3.3; microbiology Q2) „Epidemiology of gastrointestinal nematode infections in livestock and Wildlife“
- Editorial Board Member, **Scientific Reports** (WOS IF 2023 3.8; multidisciplinary sciences Q1)

RESEARCH TOPICS

Parasitology, nematodes of veterinary importance, epidemiology of gastrointestinal nematodes of domestic and wild ruminants, nematode survival strategies (arrested development), control (including alternative approaches) and prevention of parasitic gastroenteritis, anthelmintic resistance of strongylid nematodes in ruminants, parasite biomolecules and their role in parasitic lifestyle

MEMBERSHIPS

Czech Society for Parasitology – Czech Republic
World Association for the Advancement of Veterinary Parasitology (WAAVP) – USA

RESEARCH PROJECTS

2025 – 2028 European Cooperation in Science and Technology, **COST CA23154**: Environmental impact of anthelmintics in livestock and alternatives to minimize their use

2024 – 2027 **National Agency for Agricultural Research**, NAZV QL24010306: Sustainable parasite control in small ruminants corresponding to the One Health concept

2023 – 2027 **Ministry of Education, Youth and Sports** INTER-EXCELLENCE, INTER-ACTION LUAUS23050: Development of new chemotherapeutics against human and veterinary parasitic infections

2023 – 2025 **Czech Science Foundation**, GA ČR 23-07811S: Interaction of parasites and metal(oids) in small terrestrial mammals

2022 – 2024 **Technology Agency of the Czech Republic**, TA ČR SS05010070: Spread of invasive parasite species and their devastating effects on the biodiversity of native ruminant species

2020 – 2022 **Ministry of Education, Youth and Sports**, INTER-EXCELLENCE, INTER-ACTION LTAUSA19109: Novel strategies for designing antiparasitic molecules as human and veterinary drugs

2019 – 2021 **Ministry of Education, Youth and Sports**, INTER-EXCELLENCE, INTER-COST LTC19018: Pilot strategic plan of combating against the resistant strains of parasitic worms in the populations of Czech farm ruminants

2018 – 2021 **European Cooperation in Science and Technology**, COST CA16230: Combatting anthelmintic resistance in ruminants, Management committee member

2018 – 2019 **University internal grant agency ČZU**, CIGA 20182005: Morphological identification and molecular-genetic analysis of variability

of parasitic nematodes of the genus *Setaria* detected in ungulates in the Czech Republic

2017 – 2019 **Technology Agency of the Czech Republic, TA ČR**
TJ01000009: Assessing the risk of the invasive parasite *Ashworthius sidemi* to cloven-hoofed animals in Czech game reserves; ashworthiosis control and prevention

2016 – 2018 **Czech Science Foundation, GA ČR 16-07441S**: Long-term impact of different types of fertilization on soil biota with emphasis on the effect of organic pollutants associated with human activity

2016 – 2017 **University internal grant agency ČZU, CIGA 20162012**: Risk factors for the development of gastrointestinal nematode resistance to benzimidazole anthelmintics in goat farming in the Czech Republic

2015 – 2018 **National Agency for Agricultural Research, NAZV**
QJ1510038: Use of plant extracts as bioantiparasitics in livestock

2011 – 2014 **National Agency for Agricultural Research, NAZV**
QI111A199: Effective system for parasitic infection control in sheep farming

2011 – 2012 **Celouniverzitní grantová agentura ČZU v Praze, CIGA 20112008**: Detekce a charakterizace proteinů se vztahem k hypobióze u larev gastrointestinální hlístice *Teladorsagia circumcincta*; spoluřešitel

2011 – 2012 **University internal grant agency ČZU, CIGA 20112010**: Lead transport and accumulation in the host-parasite system

2007 **Internal grant agency FAFNR ČZU, IGA 21260/1312/213108**:
Proteolytic activity of *Teladorsagia circumcincta* hypobiotic larvae

2006 **Internal grant agency FAFNR ČZU, IGA 21260/1312/3168**:
Teladorsagia circumcincta – inducing factors for hypobiosis

SCIENTIFIC IDENTIFIERS

- ResearcherID: **M-1189-2018**
- ORCIDiD: **orcid.org/0000-0002-5958-7606**
- Scopus Author ID: **8924083600**

Research papers

- 90 papers in international peer-reviewed journals, 1022 citations without self-citation, h-index = 18 (Web of Science, February 2026)

1. Kyriánová, I.A., Bieliková, L., Pytelková, J., Pachulová, K., Vacek, V., Fišerová N., **Vadlejch, J.**, Dvořák, J., 2026. Optimizing in vitro cultivation of *Haemonchus contortus* larvae: Comparative assessment of growth conditions. *Veterinary Parasitology*, 343, 110711.
2. Kyriánová, I.A., Knížková, I., Ptáček, M., Nápravníková, J., Kopecký, O., Husák, T., **Vadlejch, J.** 2025. Co-grazing of sheep and goats may not be an issue from a parasitological perspective. *Helminthologia*, 63, 3, 175 – 184.
3. Magdálek, J., Kasič, V., Ilgová, J., Škorpíková, L., **Vadlejch, J.** 2025. Seasonal dynamics and potential interactions of haematophagous abomasal nematodes in two chamois populations in the Czech Republic. *BMC Veterinary Research*, 21, 532.
4. Grandi, G; **Vadlejch, J.**, Höglund, J. 2025. Comparative evaluation of an AI-based counting system (OvaCyte™) and the McMaster counting method for quantification of strongyle eggs in sheep faeces. *Veterinary Parasitology*, 338, 110533.
5. Husák, T., Čadková, Z., Máca, O., Kouba, M., Klimková, Z., Sehnal, R., Nápravníková, J., Hrabětová, V., Jankovská, I., **Vadlejch, J.**, Langrová, I. 2025. Molecular identification of zoonotic taeniids metacestodes in several rodent species trapped in Central Europe. *Frontiers in Veterinary Science*, 12, 1571082.
6. Škorpíková, L., **Vadlejch, J.**, Ilgová J., Píhal, R., Drimaj, J., Mikulka, O., Magdálek, J., Kašný, M., Reslová, N. 2025. Molecular uncovering of important helminth species in wild ruminants in the Czech Republic. *Frontiers in Veterinary Science*, 12, 1544270.
7. Maurizio, A., Dotto, G., Fasoli, A., Gaio, F., Petratti, S., Pertile, A., Tessarin, C., Marchiori, E., Dellamaria, D., **Vadlejch, J.**, Cassini, R. 2024. Treatment ineffectiveness towards *Haemonchus contortus* is highly prevalent in sheep and goat farms of North-Eastern Italy. *BMC Veterinary Research*, 20, 498.
8. Maurizio, A., Škorpíková, L., Ilgová, J., Tessarin, C., Dotto, G., Reslová, N., **Vadlejch, J.**, Marchiori, E., di Regalbono, A.F., Kašný, M., Cassini, R. 2024. Faecal egg count reduction test in goats: Zooming in on the genus level. *Veterinary parasitology*, 327, 110146.
9. Magdálek, J., Škorpíková, L., McFarland, Ch., **Vadlejch, J.** 2023. An alien parasite in a changing world – *Ashworthius sidemi* has lost its traditional seasonal dynamics. *Frontiers in Veterinary Science*, 10, 1279073.
10. Magdálek, J., Bourgoïn, G., **Vadlejch, J.** 2022. Non-native Nematode *Ashworthius sidemi* Currently Dominates the Abomasal Parasite

- Community of Cervid Hosts in the Czech Republic. *Frontiers in Veterinary Science*, 9, 862092.
11. Nápravníková, J., Várady, M., **Vadlejch, J.** 2022. Total Failure of Fenbendazole to Control Strongylid Infections in Czech Horse Operations. *Frontiers in Veterinary Science*, 9, 833204.
 12. Ptáček, M., Kyriánová, I.A., Nápravníková, J., Ducháček, J., Husák, T., Chay-Canul, A.J., Zaragoza-Vera, C., Cruz-Bacab, L., **Vadlejch, J.** 2021. Do Live Weight, Body Condition Score, Back Muscle or Back-Fat Reserves Create the Suspicion of Goats Infected with *Eimeria* or *Trichostrongylids*? *Animals*, 11 (12), 3591.
 13. Babják, M., Königová, A., Dolinská, M.U., Kupčinskas, T., **Vadlejch, J.**, von Samson-Himmelstjerna, G., Petkevičius, S., Várady, M. 2021. Does the in vitro egg hatch test predict the failure of benzimidazole treatment in *Haemonchus contortus*? *Parasite*, 28, 62.
 14. Reslová, N., Škorpíková, L., Kyriánová, I.A., **Vadlejch, J.**, Höglund, J., Skuce, P., Kašný, M. 2021. The identification and semi-quantitative assessment of gastrointestinal nematodes in faecal samples using multiplex real-time PCR assays. *Parasites & Vectors*, 14 (1), 391.
 15. Lanková, S., Vejl, P., Melounová, M., Čilová, D., **Vadlejch, J.**, Miklisová, D., Jankovská, I., Langrová, I. 2021. *Setaria cervi* (Filarioidea, Onchocercidae) undressing in ungulates: altered morphology of developmental stages, their molecular detection and complete sequence *cox1* gene. *Parasitology*, 148 (5), 598 – 611.
 16. Magdálek, J., Makovický, P., **Vadlejch, J.** 2021. Nematode-induced pathological lesions and alterations of mucin pattern identified in abomasa of wild ruminants. *International Journal for Parasitology-Parasites and Wildlife*, 14, 62 – 67.
 17. **Vadlejch, J.**, Kyriánová, I.A., Várady, M., Charlier, J. 2021. Resistance of strongylid nematodes to anthelmintic drugs and driving factors at Czech goat farms. *BMC Veterinary Research*, 17 (1), 106.
 18. Mravčáková, D., Sobczak-Filipiak, M., Váradyová, Z., Kucková, K., Čobanová, K., Maršík, P., Tauchen, J., **Vadlejch, J.**, Mickiewicz, M., Kaba, J., Várady, M. 2021. Effect of *Artemisia absinthium* and *Malva sylvestris* on Antioxidant Parameters and Abomasal Histopathology in Lambs Experimentally Infected with *Haemonchus contortus*. *Animals*, 11 (2), 462.
 19. Vineer, H.R., Morgan, E.R., Hertzberg, H., Bartley, D.J., Bosco, A., Charlier, J., Chartier, C., Claerebout, E., de Waal, T., Hendrickx, G., Hinney, B., Höglund, J., Ježek, J., Kašný, M., Keane, O.M., Martínez-Valladares, M., Mateus, T.L., McIntyre, J., Mickiewicz, M., Muñoz, A.M.,

- Phythian, C.J., Ploeger, H.W., Rataj, A.V., Skuce, P.J., Simin, S., Sotiraki, S., Spinu, M., Stuen, S., Thamsborg, S.M., **Vadlejš, J.**, Várady, M., von Samson-Himmelstjerna, G., Rinaldi, L. 2020. Increasing importance of anthelmintic resistance in European livestock: creation and meta-analysis of an open database. *Parasite*, 27 (69), 16.
20. Škorpíková, L., Reslová, N., Magdálek, J., **Vadlejš, J.**, Kašný, M. 2020. The use of high resolution melting analysis of ITS-1 for rapid differentiation of parasitic nematodes *Haemonchus contortus* and *Ashworthius sidemi*. *Scientific Reports*, 10 (1), 15984.
21. Albrechtová, M., Langrová, I., **Vadlejš, J.**, Špakulová, M. 2020. A revised checklist of *Cooperia* nematodes (Trichostrongyloidea), common parasites of wild and domestic ruminants. *Helminthologia*, 57 (3), 280 – 287.
22. Čadková, Z., Száková, J., Mukhtorova, D., Hlava, J., Pulkrábová, J., Balík, J., Tlustoš, P., **Vadlejš, J.** 2020. The response of soil nematode *Caenorhabditis elegans* on the sewage sludge-derived micropollutants. *Journal of Hazardous Materials*, 384, 121468
23. Mravčáková, D., Váradyová, Z., Kopčáková, A., Čobanová, K., Grešáková, L., Kišidayová, S., Babják, M., Dolinská, M.U., Dvorožňáková, E., Königová, A., **Vadlejš, J.**, Cieslak, A., Ślusarczyk, S., Várady, M. 2019. Natural chemotherapeutic alternatives for controlling of haemonchosis in sheep. *BMC Veterinary Research*, 15 (1), 302
24. Nápravníková, J., Petrtýl, M., Stupka, R., **Vadlejš, J.** 2019. Reliability of three common fecal egg counting techniques for detecting strongylid and ascarid infections in horses. *Veterinary Parasitology*, 272, 53 – 57.
25. Kyriánová I.A., Kopecký O., Šlosárková S., **Vadlejš J.** 2019. Comparison of internal parasitic fauna in dairy goats at conventional and organic farms in the Czech Republic. *Small Ruminant Research*, 175, 126 – 132.
26. Langrová, I., Chodová, D., Tůmová, E., Horáková, B., Krejčířová, R., Šašková, M., Švejtil, R., Jankovská, I., **Vadlejš, J.**, Čadková, Z., Knížková, I., Nechybová, S. 2019. Assessment of low doses of *Eimeria tenella* sporulated oocysts on the biochemical parameters and intestinal microflora of chickens. *Turkish Journal of Veterinary and Animal Sciences*, 43 (1), 76 – 81.
27. Váradyová Z., Písarčíková, J., Babják, M., Hodges, A., Mravčáková, D., Kišidayová, S., Königová, A., **Vadlejš, J.**, Várady, M. 2018. Ovicidal and larvicidal activity of extracts from medicinal-plants against *Haemonchus contortus*. *Experimental Parasitology*, 195, 71 – 77.
28. Nechybová, S., Vejl, P., Hart, V., Melounová, M., Čílová, D., Vašek, J., Jankovská, I., **Vadlejš, J.**, Langrová, I. 2018. Long-term occurrence of

- Trichuris* species in wild ruminants in the Czech Republic. Parasitology Research, 117 (6), 1699 – 1708.
29. Babják, M., Königová, A., Dolinská, M.U., **Vadlejch, J.**, Várady, M. 2018. Anthelmintic resistance in goat herds - *In vivo* versus *in vitro* detection methods. Veterinary Parasitology, 254, 10 – 14.
30. Knížková, I., Kunc, P., Langrová, I., **Vadlejch, J.**, Jankovská, I. 2018. Thermal profile of broilers infected by *Eimeria tenella*. In: 14th Quantitative InfraRed Thermography Conference, Quantitative Infrared Thermography, pp 9 – 12.
31. Kyriánová, I.A., Nápravníková, J., Váradyová, Z., Várady, M., **Vadlejch, J.** 2018. The field efficacy of herbal plant mixture aqueous extracts against parasitic gastroenteritis in dairy goats. In: Kubík Š. & Barták M. (eds) 10th Workshop on biodiversity, Jevany, Česká zemědělská univerzita v Praze, pp 43 – 50.
32. Chodová, D., Tůmová, E., Sládková, K., Langrová, I., Jankovská, I., **Vadlejch, J.**, Čadková, Z., Krejčířová, R. 2018. Effects of subclinical *Eimeria tenella* infection on *Pectoralis major* muscle in broiler chickens. Italian Journal of Animal Science, 17(1), 18 – 21.
33. Hlava, J., Száková, J., **Vadlejch, J.**, Čadková, Z., Balík, J., Tlustoš, P. 2017. Long-term application of organic matter-based fertilisers: Advantages or risks for soil biota? A review. Environmental Reviews, 25(4), 408 – 414.
34. Kyriánová, I.A., **Vadlejch, J.**, Kopecký, O., Langrová, I. 2017. Seasonal dynamics of endoparasitic infections at an organic goat farm and the impact of detected infections on milk production. Parasitology Research, 116(11), 3211 – 3219.
35. Vejl, P., Nechybová, S., Peřínková, P., Melounová, M., Sedláková, V., Vašek, J., Čílová, D., Rylková, K., Jankovská, I., **Vadlejch, J.**, Langrová, I. 2017. Reliable molecular differentiation of *Trichuris ovis* and *Trichuris discolor* from sheep (*Ovis orientalis aries*) and roe deer (*Capreolus capreolus*) and morphological characterisation of their females: morphology does not work sufficiently. Parasitology Research, 116(8), 2199 – 2210.
36. **Vadlejch, J.**, Kyriánová, I.A., Rylková, K., Zikmund, M., Langrová, I. 2017. Health risks associated with wild animal translocation: a case of the European bison and an alien parasite. Biological Invasions, 19(4), 1121 – 1125.
37. Burešová, E., **Vadlejch, J.**, Langrová, I. 2017. Experimental infection of lambs with *Haemonchus contortus*. In: Kubík Š. & Barták M. (eds) 9th

- Workshop on biodiversity, Jevany, Česká zemědělská univerzita v Praze, pp 27 – 33.
38. Magdálek, J., Kyriánová, I.A., **Vadlejch, J.** 2017. *Ashworthius sidemi* in hunting areas (Cervidae) in the territory of the Czech Republic. In: Kubík Š. & Barták M. (eds) 9th Workshop on biodiversity, Jevany, Česká zemědělská univerzita v Praze, pp 66 – 71.
 39. Nápravníková, J., **Vadlejch, J.** 2017. The distribution of family Strongylidae nematodes in Czech horse farms. In: Kubík Š. & Barták M. (eds) 9th Workshop on biodiversity, Jevany, Česká zemědělská univerzita v Praze, pp 86 – 92.
 40. **Vadlejch, J.**, Makovický, P., Čadková, Z., Langrová, I. 2016. Efficacy and persistent activity of moxidectin against natural *Muellerius capillaris* infection in goats and pathological consequences of muelleriosis. *Veterinary Parasitology*, 218, 98 – 101.
 41. Plachý, V., Litvinec, A., Langrová, I., Horáková, B., Sloup, V., Jankovská, I., **Vadlejch, J.**, Čadková, Z., Borkovcová, M. 2016. The effect of *Syphacia muris* on nutrient digestibility in laboratory rats. *Laboratory Animals*, 50, 39 – 44.
 42. Burešová, E., **Vadlejch, J.**, Langrová, I. 2016. Anthelmintic activity of the methanol extracts of selected Czech plants using Egg hatch test. Proceedings Paper In: Kubík Š. & Barták M. (eds) 8th Workshop on biodiversity, Jevany, Česká zemědělská univerzita v Praze, pp 20 – 28.
 43. Rylková, K., Tůmová, E., Brožová, A., Jankovská, I., **Vadlejch, J.**, Čadková, Z., Frýdlová, J., Peřínková, P., Langrová, I., Chodová, D., Nechybová, S., Scháňková, S. 2015. Genetic and morphological characterization of *Trichuris myocastoris* found in *Myocastor coypus* in the Czech Republic. *Parasitology Research*, 114 (11), 3969 – 3975.
 44. **Vadlejch, J.**, Kotrba, R., Čadková, Z., Růžičková, A., Langrová, I. 2015. Effects of age, sex, lactation and social dominance on faecal egg count patterns of gastrointestinal nematodes in farmed eland (*Taurotragus oryx*). *Preventive Veterinary Medicine*, 121 (3 – 4), 265 – 272.
 45. Scháňková, Š., Maršálek, M., Wagnerová, P., Langrová, I., Starostová, L., Stupka, R., Navrátil, J., Brožová, A., Kudrnáčová, M., Jankovská, I., **Vadlejch, J.**, Čadková, Z. 2015. Cyathostominae distribution in experimentally infected ponies. *Helminthologia*, 52 (2), 134 – 138.
 46. Brožová, A., Jankovská, I., Miholová, D., Scháňková, Š., Truněčková, J., Langrová, I., Kudrnáčová, M., **Vadlejch, J.** 2015. Heavy metal concentrations in the small intestine of red fox (*Vulpes vulpes*) with and without *Echinococcus multilocularis* infection. *Environmental science and pollution research international*, 22 (4), 3175 – 3179.

47. Scháňková, Š., Maršálek, M., Wagnerová, P., Langrová, I., Starostová, L., Stupka, R., Navrátil, J., Brožová, A., Truněčková, J., Kudrnáčová, M., Jankovská, I., **Vadlejch, J.**, Čadková, Z., Krivská, D. 2014. Arrested development of experimental Cyathostominae infections in ponies in Czech Republic. *Veterinary Parasitology*, 206 (3 – 4), 328 – 332.
48. **Vadlejch, J.**, Lukešová, D., Vašek, J., Vejl, P., Sedlák, P., Čadková, Z., Langrová, I., Jankovská, I., Salaba, O. 2014. Comparative morphological and molecular identification of *Haemonchus* species in sheep. *Helminthologia*, 51(2), 130 – 140.
49. Jankovská, I., Miholová, D., Romočuský, Š., Petrtýl, M., Langrová, I., Kalous, L., Sloup, V., Válek, P., **Vadlejch, J.**, Lukešová, D. 2014. Importance of fish gender as a factor in environmental monitoring of mercury. *Environmental science and pollution research international*, 21(9), 6239 – 6942.
50. **Vadlejch, J.**, Kopecký, O., Kudrnáčová, M., Čadková, Z., Jankovská, I., Langrová, I. 2014. The effect of risk factors of sheep flock management practices on the development of anthelmintic resistance in the Czech Republic. *Small Ruminant Research*, 117 (2 – 3), 183 – 190.
51. Čadková, Z., Száková, J., Miholová, D., Válek, P., Pacáková, Z., **Vadlejch, J.**, Langrová, I., Jankovská, I. 2013. Faecal Excretion Dynamic during Subacute Oral Exposure to Different Pb Species in *Rattus norvegicus*. *Biological Trace Element Research*, 152 (2), 225 – 232.
52. Salaba, O., **Vadlejch, J.**, Petrtýl, M., Válek, P., Kudrnáčová, M., Jankovská, I., Barták, M., Šuláková, H., Langrová, I. 2013. *Cephenemyia stimulator* and *Hypoderma diana* infection of roe deer in the Czech Republic over an 8-year period. *Parasitology Research*, 112 (4), 1661 – 1666.
53. Salaba, O., Rylková, K., **Vadlejch, J.**, Petrtýl, M., Scháňková, Š., Brožová, A., Jankovská, I., Jebavý, L., Langrová, I. 2013. The first determination of *Trichuris* sp. from roe deer by amplification and sequenation of the ITS1-5.8S-ITS2 segment of ribosomal DNA. *Parasitology Research*, 112 (3), 955 – 960.
54. Pastorková, E., Žáková, T., Landa, P., Nováková, J., **Vadlejch, J.**, Kokoška, L. 2013. Growth inhibitory effect of grape phenolics against wine spoilage yeasts and acetic acid bacteria. *International Journal of Food Microbiology*, 161 (3), 209 – 213.
55. **Vadlejch, J.**, Petrtýl, M., Lukešová, D., Čadková, Z., Kudrnáčová, M., Jankovská, I., Langrová, I. 2013. The Concentration McMaster Technique

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