

2010.

Peer-reviewed scientific journals

Majoros G, Dán Á, Edelényi K (2010) A natural focus of the blood *Orientobilharzia turkestanica* (Skrjabin, 1913) (Trematoda: Schistosomatidae) in red deer (*Cervus elaphus*) in Hungary Veterinary Parasitology 170: 218-223. IF 2,331

Molnár V, Pazár P, Rigó D, Máthé D, **Fok É**, Glávits P, Vajdovich P, **Jacsó O**, Balogh L, Sós E (2010) Autochthonous *Dirofilaria immitis* infection in a ferret with aberrant larval migration in Europe. Journal of Small Animal Practice 51: 393-396. IF 1,173

Jacsó O, **Fok É**, Kiss G, Kökény G, Lang Zs (2010) Preliminary findings on the efficacy of selamectin in the treatment of dogs naturally infected with *Dirofilaria repens* Acta Veterinaria Hungarica 58: 405-412. IF 1,264

Fok É, **Jacsó O**, Szebeni Z, Györffy A, Sükösd L, Lukács Z, Schaper R (2010) Elimination of *Dirofilaria* (syn. *Nochtiella*) *repens* microfilariae in dogs with monthly treatments of moxidectin 2.5%/imidacloprid 10% (AdvocateA (R), Bayer) spot-on. Parasitology Research 106: 1141-1149. IF 1,812

Hornok S, Meli ML, Perreten A, **Farkas R**, Willi B, Beugnet F, Lutz H, Hofmann-Lehmann R (2010) Molecular investigation of hard ticks (Acari: Ixodidae) and fleas (Siphonaptera: Pulicidae) as potential vectors of rickettsial and mycoplasmal agents. Veterinary Microbiology 140: 98-204. IF 3,256

Barabási S, **Fok É**, Gubányi A, Mészáros F, Cozma V (2010) Helminth fauna of the small intestine in the European red fox, *Vulpes vulpes* with notes on the morphological identification of *Echinococcus multilocularis* Scientia Parasitologica 11: 141-151.

Gyuranecz M, Dénes B, Dán Á, **Rigó K**, **Földvári G**, Szeregi L, Fodor L, Sallós A, Jánosi K, Erdélyi K, Krisztalovics K, Makrai L (2010) Susceptibility of the Common Hamster (*Cricetus cricetus*) to *Francisella tularensis* and Its Effect on the Epizootiology of Tularemia in an Area Where Both Are Endemic. Journal of Wildlife Diseases 46: 1316-1320. IF 1,415

Sotaraki S, **Farkas R**, Hall MJR (2010) Fleshflies in the flesh: Epidemiology, population genetics and control of outbreaks of traumatic myiasis in the Mediterranean basin. Veterinary Parasitology 174: 12-18. IF 2,331

Majoros G, **Fukár O**, **Farkas R** (2010) Autochthonous infection of dogs and slugs with *Angiostrongylus vasorum* in Hungary. Veterinary Parasitology 174: 351-354. IF 2,331

Hornok S, Hofmann-Lehmann R, Fernández de Mera IG, Meli ML, Elek V, Hajtós I, Répási A, Gönczi E, **Tánczos B**, **Farkas R**, Lutz H, de la Fuente J (2010) Survey on blood-sucking lice

(Phthiraptera: Anoplura) of ruminants and pigs with molecular detection of *Anaplasma* and *Rickettsia* spp. Veterinary Parasitology 174: 355-358. IF 2,331

Horváth G, Blahó M, Kriska G, Hegedüs R, Gerics B, **Farkas R**, Akesson S (2010) An unexpected advantage of whiteness in horses: the most horsefly-proof horse has a depolarizing white coat. Proceedings of the Royal Society of London. Series B 277: 1643-1650. IF 5,064

International congress presentations

Majoros G, Fehér Z, Deli T, **Földvári G** (2010) Emergence of the American blood-fluke snail *Biomphalaria tenagophila* in Europe and monitoring of introduced freshwater snails in Hungary poster at the 17. Congress of Malacology Phuket Thailand Tropical Natural History Supplement 3. p. 347.

Rigó K, Gyuranecz M, **Földvári G** (2010) Infection of small mammals with *Borrelia burgdorferi* sensu lato, *Francisella tularensis* and *Anaplasma phagocytophilum* in Hungary. Poster at the 12th International Conference on Lyme Borreliosis and other Tick-Borne Diseases Ljubljana Slovenia p. 67.

Farkas R (2010) Meat-borne parasitic zoonoses (toxoplasmosis, cysticercosis, sarcosporidiosis) Proceedings of the 1st Sustainable Food Chain World Summit and its central event the 10th jubilee World Meat Hygiene and Meat Inspection Congress Budapest, 17-22 August 2010. pp.74-75.

Farkas R, **Tánczos B**, Király L, Dereure J, Bongiorno G, Maroli M, Ready P (2010) Surveys for the presence and spatial distributions of canine leishmaniasis and its sandfly vectors (Diptera: Psychodidae) in Hungary International Conference EDEN Montpellier 10- 12 May 2010. p. 39.

Gyuranecz M, **Rigó K**, Dán Á, **Földvári G**, Makrai L, Dénes B, Fodor L, **Majoros G**, Tirják L, Erdélyi K (2010) Investigation of the ecology of *Francisella tularensis* during an inter-epizootic period lecture at „Healthy wildlife, healthy people” 9th Biennial Conference of the European Wildlife Disease Association Vlieland The Netherlands p. 19.

2011.

Peer-reviewed scientific journals

Földvári G, Rigó K, Jablonszky M, Majoros G, Biró N, Molnár V, Tóth M (2011) Ticks and the city: ectoparasites of the Northern white-breasted hedgehog (*Erinaceus roumanicus*) in an urban park. *Ticks and Tick-borne Diseases* 2: 231-234. IF 2,370

Rigó K, Gyuranecz M, Tóth ÁG, Földvári G (2011) Detection of *Borrelia burgdorferi* sensu lato and *Anaplasma phagocytophilum* in small mammals and ectoparasites in Hungary *Vector-borne and Zoonotic Diseases* 11: 1499-1501. IF 2,733

Gyuranecz M, **Rigó K, Dán Á, Földvári G, Makrai L, Dénes B, Fodor L, Majoros G, Tirják L, Erdélyi K** (2011) Investigation of the ecology of *Francisella tularensis* during an inter-epizootic period *Vector-borne and Zoonotic Diseases* 11: 1031-1035. IF 2,733

Farkas R, Tánczos B, Bongiorno G, Maroli M, Dereure J, Ready P (2011) First surveys to investigate the presence of canine leishmaniasis and its *Phlebotomine* vectors in Hungary *Vector-borne and Zoonotic Diseases* 11: 823-834. IF 2,733

Demeter Z, Palade EA, Balogh É, Jakab Cs, **Farkas R, Tánczos B, Hornok S** (2011) Post-mortem small babesia-like morphology of *Babesia canis*. *Acta Veterinaria Hungarica* 59: 427-432. IF 1,264

Hornok S, de la Fuente J, Biró N, Fernández de Mera IG, Meli ML, Elek V, Gönczi E, Meili T, Tánczos B, Farkas R, Lutz H, Hofmann-Lehmann R (2011) First molecular evidence of *Anaplasma ovis* and *Rickettsia* spp. in keds (Diptera: Hippoboscidae) of sheep and wild ruminants. *Vector-borne and Zoonotic Diseases* 11: 1319-1321. IF 2,733

Hornok S, Micsutka A, Meli ML, Lutz H, Hofmann-Lehmann R (2011) Molecular investigation of transplacental and vector-borne transmission of bovine haemoplasmas. *Veterinary Microbiology* 152: 411-414. IF 3,256

Péterfi Z, Nemes Z, Vigvári S, Szomor Á, Kereskai L, Kucséra I, **Tánczos B, Ternák G** (2011) Visceral leishmaniasis in an immunocompetent Hungarian adult patient. *Health* 3: 1-5.

Egri Á, Blaho M, Kriska Gy, **Farkas R, Gyurkovszky M, Ákesson S, Horváth G** (2011) Polarotactic tabanids find striped patterns with brightness and/or polarization modulation least attractive: an advantage of zebra stripes research article. *The Journal of Experimental Biology* 215: 736-745.

International congress presentations

Földvári G, Rigó K, Jablonszky M, Majoros G, Biró N, Molnár V, Tóth M (2011) Ticks and the city: ectoparasites and *Borrelia burgdorferi* s.l. infection of the Northern white-breasted hedgehog (*Erinaceus roumanicus*) in an urban park poster at 7th Ticks and Tick-borne Pathogens Conference Zaragoza Spain

Rigó K, Majoros G, Földvári G (2011) *Hepatozoon* spp. in small mammals in Hungary poster at 7th Ticks and Tick-borne Pathogens Conference Zaragoza Spain

Farkas R (2011) Recent findings related to canine vector-borne diseases (CVBD) in Hungary. Invited lecture at Animal Breeding and pathology today annual scientific session Banat's University of Agricultural Science and Veterinary Medicine Faculty of Veterinary Medicine Timisoara Romania 19-20 May 2011.

Farkas R, Gyurkovszky M, Lukács Z, Solymosi N (2011) Preliminary serological results of tickborne infections of dogs in Hungary lecture at 7th Ticks and Tick-borne Pathogens International Conference Zaragoza Spain 28 August-2 September 2011.

Farkas R (2011) Vector-borne diseases of domestic animals in Hungary Invited lecture Proceedings Days of Veterinary Medicine Ohrid Republic of Macedonia 09-11 September 2011.

Koleci Xh, Gjana H, **Farkas R** (2011) Preliminary results of tick infestation of goats in Albania

poster at 3rd CAPARA WGs Workshop & MC Meeting, COST Action (FA0805) Goat-parasite

interactions: from knowledge to control (CAPARA) Limassol Cyprus 10-11-12 November 2011

International congress presentation

Földvári G, Rigó K, Jablonszky M, Majoros G, Biró N, Molnár V, Tóth M (2011) Ticks and the city: ectoparasites and *Borrelia burgdorferi* s.l. infection of the Northern white-breasted hedgehog (*Erinaceus roumanicus*) in an urban park poster at 7th Ticks and Tick-borne Pathogens Conference Zaragoza Spain

Rigó K, Majoros G, Földvári G (2011) *Hepatozoon* spp. in small mammals in Hungary poster at 7th Ticks and Tick-borne Pathogens Conference Zaragoza Spain

Farkas R (2011) Recent findings related to canine vector-borne diseases (CVBD) in Hungary. Invited lecture at Animal Breeding and pathology today annual scientific session Banat's University of Agricultural Science and Veterinary Medicine Faculty of Veterinary Medicine Timisoara Romania 19-20 May 2011.

Farkas R, Gyurkovszky M, Lukács Z, Solymosi N (2011) Preliminary serological results of

tickborne infections of dogs in Hungary lecture at 7th Ticks and Tick-borne Pathogens International Conference Zaragoza Spain 28 August-2 September 2011.

Farkas R (2011) Vector-borne diseases of domestic animals in Hungary Invited lecture Proceedings Days of Veterinary Medicine Ohrid Republic of Macedonia 09-11 September 2011.

Koleci Xh, Gjana H, **Farkas R** (2011) Preliminary results of tick infestation of goats in Albania

poster at 3rd CAPARA WGs Workshop & MC Meeting. COST Action (FA0805) Goat-parasite

interactions: from knowledge to control (CAPARA) Limassol Cyprus 10-11-12 November 2011

2012

Peer-reviewed scientific journals

Egri Á, Blaho M, Sándor A, Kriska Gy, **Gyurkovszky M, Farkas R**, Horváth G (2012) New kind of polarotaxis governed by degree of polarization: attraction of tabanid flies to differently polarizing host anamals and water surfaces. Naturwissenschaften 99: 407-416.

Liptovszky M, **Majoros G**, Perge E (2012) Cathaemasia in a Black Stork (*Ciconia nigra*) in hungary. Journal of Wildlife Diseases 48: 809-811.

Tánczos B, Balogh N, Király L, Biksi I, Szeregi L, **Gyurkovszky M**, Scalzone A, Fiorentino E, Gramiccia M, **Farkas R** (2012) First record of autochtonous leishmaniasis in Hungary Vector Borne and Zoonotic Diseases. 12: 588-594. IF 2,437

Hornok S, Kovács R, Meli ML, Kontschán J, Gönczi E, Gyuranecz M, Dán Á, Molnár V, Hofmann- Lehmann R (2012) First detection of *Bartonella* in a broad range of bat ectoparasites. Veterinary Microbiology 159: 541-543.

Hornok S, Horváth G (2012) First report of adult *Hyalomma marginatum rufipes* (vector of Crimean-Congo haemorrhagic fever virus) on cattle under a continental climate in Hungary Parasites & Vectors 5: 170 1-4.

Lakos A, Kőrösi Á, **Földvári G** (2012) Contact with horses is a risk factor for tick-borne lymphadenopathy (TIBOLA) – a case control study. Wiener klinische Wochenschrift 124: 611–617.

Hornok S, Hajtós I, Meli ML, Farkas I, Gönczi E, Meili T, Hofmann-Lehmann R (2012) First molecular identification of *Mycoplasma ovis* and 'Candidatus *M. haemoovis*' from goat, with lack of haemoplasma PCR-positivity in lice. Acta Veterinaria Hungarica 60:355-360.

Hornok S, Horváth G, Jongejan F, **Farkas R** (2012) Ixodid ticks on ruminants, with on-host initiated moulting (apolysis) of *Ixodes*, *Haemaphysalis* and *Dermacentor* larvae. Veterinary Parasitology 187:350-353.

Hornok S, Micsutka A, Fernández de Mera IG, Meli ML, Gönczi E, **Tánczos B**, Mangold AJ, **Farkas R**, Lutz H, Hofmann-Lehmann R, de la Fuente J (2012) Fatal bovine anaplasmosis in a herd with new genotypes of *Anaplasma marginale*, *A ovis* and concurrent haemoplasmosis. Research in Veterinary Science 92:30-35.

Hornok S, Karcza Zs, Csörgő T (2012) Birds as disseminators of ixodid ticks and tick-borne pathogens: note on the relevance to migratory routes Ornis Hungarica 20:(2) pp. 86-89.

Halos L, Baneth G, Beugnet F, Bowman A S, Chomel B, **Farkas R**, Franc M, Guillot J, Inokuma H, Jongejan F, Joachim A, Otranto D, Pollmeier M, Sainz A, Vall R, Kaufman R, Pfister K (2012) Defining the concept of 'tick repellency' in veterinary medicine. Parasitology 139: 419-423. IF: 2.961

Gyuranecz M, Dénes B, **Hornok S**, Kovács P, Horváth G, Jurkovich V, Varga T, Hajtós I, Szabó R, Magyar T, Vass N, Hofmann-Lehmann R, Erdélyi K, Bhide M, Dán Á (2012) Prevalence of *Coxiella burnetii* in Hungary – screening of dairy cows, sheep, commercial milk samples and ticks. Vector-Borne and Zoonotic Diseases 12: 650-653. IF: 2.437*

International congress presentation

Földvári G (2012) Urban Lyme ecology. invited lecture at Symposium on the ecology, evolution, and behaviour of parasites and pathogens in Budapest, Hungary

Földvári G (2012) The role of hedgehogs in the ecology of Lyme borreliosis in a city park invited lecture at the 33rd Annual Meeting of the Austrian Society of Hygiene, Microbiology and Preventive Medicine (ÖGHMP) in Salzburg, Austria p. 18.

Földvári G (2012) The wild side of Lyme borreliosis: ecological aspects. invited lecture at „Ticks as vectors and their control: the present and future under the perspective of global climate change” international workshop organised by The German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Speyer, Germany

Földvári G, Rigó K, Jablonszky M, Majoros G, Biró N, Molnár V, Tóth M (2012) Ticks and *B. burgdorferi* s. l. infection of urban hedgehogs in a Central European city park. Poster at Biology of Spirochetes Gordon Research Conference, Ventura, California, USA

Majoros G (2012) An exotic *Schistosoma* species in Central Europe XI International an Medical and Applied Malacology Rio de Janeiro 2012. september 23-29.

Peer-reviewed scientific journals

Lawton P.S, Majoros G (2013) A foreign invader or a reclusive native? DNA bar coding reveals a distinct European lineage of the zoonotic parasite *Schistosoma turkestanicum* (syn. *Orientobilharzia turkestanicum* (Dutt and Srivastava, 1955)). Infection, Genetics and Evolution 14: 186-193. IF: 3.128

Farkas R, Tánczos B, Gyurkovszky M, Földvári G, Solymosi N, Edelhofer R, Hornok S (2013) Serological and molecular detection of *Theileria equi* infection in horses in Hungary Veterinary Parasitology 192: 143-148. IF: 2.579

Mirela I, **Farkas R**, Ilie M, Imre K, Hotea I, Morariu S, Morar D, Darabus Gh (2013) Seroprevalence of *Babesia canis* Infection in Clinically Healthy Dogs from Western Romania Journal of Parasitology 99: 161-163. IF: 1.405

Kreizinger Zs, **Hornok S**, Dán Á, Stanislav H, Makrai L, Magyar T, Mangesh B, Edelányi K, Hofmann-Lehmann R. and Gyuranecz M (2013) Prevalence of *Francisella tularensis* and *Francisella*-Like Endosymbionts in the Tick Population of Hungary and the Genetic Variability of *Francisella*-Like Agents. Vector-Borne and Zoonotic Diseases 13: 160-163. IF: 2.437

Hornok S, Csörgő T, de la Fuente J, Gyuranecz M, Privigyei Cs, Meli ML, Kreizinger Zs, Gönczi E, Fernández de Mera IG, Hofmann-Lehmann R (2013) Synanthropic birds associated with high prevalence of tick-borne rickettsiae and with the first detection of *Rickettsia aeschlimannii* in Hungary Vector-Borne and Zoonotic Diseases 13: 77-83. IF: 2.437

Hornok S, Tánczos B, Fernández de Mera IG, de la Fuente J, Hofmann-Lehmann R, **Farkas R** (2013) High prevalence of *Hepatozoon*-infection among shepherd dogs in a region considered to be free of *Rhipicephalus sanguineus* Veterinary Parasitology 192: 189-193. IF: 2.579

Hornok S, de la Fuente J, Horváth G, Fernández de Mera IG, Wijnveld M, **Tánczos B, Farkas R**, Jongejan F (2013) Molecular evidence of *Ehrlichia canis* and *Rickettsia massiliae* in ixodid ticks of carnivores from south Hungary Acta Veterinaria Hungarica 61: 42-50. IF: 1,173

Fuehrer, HP, Biró N, Harl J, Worliczek HL, Beiglböck, C, **Farkas R**, Joachim A, Duscher GG (2013) Molecular detection of *Theileria* sp. ZS TO4 in red deer (*Cervus elaphus*) and questing *Haemaphysalis concinna* ticks in Eastern Austria Veterinary Parasitology 197: 653-657. IF: 2.579

Földvári G, Rigó K, Lakos A (2013) Transmission of *Rickettsia slovaca* and *Rickettsia raoultii* by male *Dermacentor marginatus* and *Dermacentor reticulatus* ticks to humans. Diagnostic Microbiology and Infectious Disease 76: 387-389. IF: 2.528

Egri Á, Blaho M, Száz D, Kriska G, Majer J, Herczeg T, **Gyurkovszky M, Farkas R**, Horváth G (2013) A horizontally polarizing liquid trap enhances the tabanid-capturing efficiency of the

classic canopy trap. Bulletin of Entomological Research 103: 665-674. IF: 1.987

Hornok S, Meli M.L, Gönczi E, Hofmann-Lehmann R (2013) First evidence of *Candidatus Neoehrlichia mikurensis* in Hungary Parasites & Vectors 6: 267. IF: 3.246

Hornok S, Dénes B, Meli M.L, Tánczos B, Fekete L, Gyuranecz,M, de la Fuente J, Fernández de Mera IG, **Farkas R**, Hofmann-Lehmann R (2013) Non-pet dogs as sentinels and potential synanthropic reservoirs of tick-borne and zoonotic bacteria Veterinary Microbiology 167: 700-703. IF: 3.127

Mirela I, **Farkas R**, Ilie M, Kálmán I, Darabus G (2013) Survey of babesiosis in symptomatic dogs from Romania: Occurrence of *Babesia gibsoni* associated with breed, Ticks and Tick-borne Diseases 4: 500-502. IF: 2.353

Estrada-Pena A, **Farkas R**, Jaenson TGT, Koenen Madder M, Pascucci I, Salman M, Tarre's-Call J, Jongejan F (2013) Association of environmental traits with the geographic ranges of ticks (Acari: Ixodidae) of medical and veterinary importance in the western Palearctic. A digital data set. Experimental and Applied Acarology 59: 351-366. IF: 1.725

International conference presentations

Földvári G, Rigó K, Jablonszky M, Majoros G, Molnár V, Tóth M (2013) Urban Lyme ecology: hedgehogs, ticks and human risk of *Borrelia burgdorferi* s.l. infection in a city park. XII International Jena Symposium on Tick-borne Diseases, Weimar, Germany p. 31.

Szekeres S, Rigó K, Majoros G, Molnár, I, Jablonszky M, Földvári G (2013) Epidemiological and ecological study of small mammals and ticks in Gemenc. Lecture at János Szentágothai Scholastic Honorary Society, Faculty of Sciences, University of Pécs, Hungary, p.22.

Majoros G (2013) Can Deer Spread Snails? World Congress of Malacology, Ponta Delgada, Azores, 290.

Laki A.j Nagy G, Iván K, Fürjes P, **Jacsó O, Fok É**, Pierluigi C. (2013) Integrated microcapillary system for microfluidic parasite analysis, IEEE Biomedical Circuits and Systems Conference (BioCAS 2013) 31 October - 2 November 2013 Rotterdam, Netherland, Abstract (3 pages)

Fok É, Jacsó O: Dirofilarioses in Hungary 47th Annual Meeting of the ÖGTPM „Migration of people and pathogens” 21. – 23. November 2013 University of Veterinary Medicine Vienna, Austria, in Abstracts

Peer-reviewed scientific journals

Hornok S, Fedák A, Baska F, Hofmann-Lehmann R, Basso W (2014) *Bovine besnoitiosis* emerging in Central-Eastern Europe, Hungary. Parasites & Vectors 7: 20. IF: 3.246

Földvári G, Jahfari S, **Rigó K**, Jablonszky M, **Szekeres S**, **Majoros G**, Tóth M, Molnár V, Coipan EC, Sprong H (2014) *Candidatus Neoehrlichia mikurensis* and *Anaplasma phagocytophilum* in urban hedgehogs. Emerging Infectious Diseases 20: 496-498. IF: 5.993

Erdélyi K, Mezősi L, Vladov S, **Földvári G** (2014) Fatal acute babesiosis in captive grey wolves (*Canis lupus*) due to *Babesia canis*. Ticks and Tick-borne Diseases, 281-283. IF: 2.353

Farkas R, **Gyurkovszky M**, Lukács Z, Aladics B, Solymosi N (2014) Seroprevalence of some vector-borne infections of dogs in Hungary. Vector-Borne and Zoonotic Diseases, 14: 256-260. IF: 2.437

Hornok S, **Földvári G**, **Rigó K**, Meli ML, Tóth M, Molnár V, Gönczi E, **Farkas R**, Hofmann-Lehmann R (2013) Vector-borne agents detected in fleas of the northern white-breasted hedgehog. Vector-Borne and Zoonotic Diseases. 14: 74-76. IF: 2.437

Halos L, Beugnet F, Cardoso L, **Farkas R**, Franc M, Guillot J, Pfister K, Vall R. (2014) Flea control failure? Myths and realities. Trends in Parasitology, 23: 228-233.

Hornok S, Basso W, Fedák A, Baska F, Dencsó L, Abonyi T, Dénes B (2014) Epidemiological investigations of bovine besnoitiosis in Hungary. Parasites & Vectors 7: 1.

Farkas R, Solymosi N, **Takács N**, Hornyák Á, **Hornok S**, Nachum-Biala Y, Baneth G (2014) First molecular evidence of *Hepatozoon canis* infection in red foxes and golden jackals from Hungary. Parasites & Vectors 7: 303.

Beugnet F, Bourdeau P, Chalvet-Monfray C, Cozma V, **Farkas R**, Guillot J, Halos L, Joachim A, Losson B, Miro G, Otranto D, Renaud M, Rinaldi L (2014) Parasites of domestic owned cats in Europe: co-infestations and risk factors. Parasites & Vectors 7: 291.

Beugnet F, Labuschagne M, Fourie J, Guillot J, **Farkas R**, Cozma V, Halos L, Hellmann K, Knaus M, Rehbein S (2014) Occurrence of *Dipylidium caninum* in fleas from client-owned cats and dogs in Europe using a new PVR detection assay. Veterinary Parasitology 205: 300-306. IF: 2.579

Hornok S, Kováts D, Csörgő T, Meli LM, Gönczi E, Hadnagy Zs, **Takács N**, **Farkas R**, Hofmann-Lehmann R (2014) Birds as potential reservoirs of tick-borne pathogens: first evidence of bacteraemia with *Rickettsia helvetica*. Parasites & Vectors 7: 128.

Hornok S, Kotschán J, Kováts D, Kováts R, Angyal D, Görföl T, Polacsek Zs, Kalmár Zs, Mihalka DA (2014) Bat ticks revisited: *Ixodes ariadnae* sp. nov. and allopatric genotypes of *I. vespertilionis* in caves of Hungary. Parasites & Vectors 7: 202.

Gyuranecz M, Sulyok KM, Balla E, Mag T, Balázs A, Simor Z, Dénes B, **Hornok S**, Bajnóczi P, Hornstra HM, Pearson T, Keim P, Dán Á (2014) Q fever epidemic in Hungary. 2013 Eurosurveillance 19 (30) pii: 20863

Jahfari S, Coipan EC, Fonville M, Docters van Leeuwen A, Hengeveld PD, Heylen D, Heyman P, van Maanen C, Butler CM, **Földvári G**, Szekeres S, van Duijvendijk G, Tack W, Rijks JM, van der Giessen J, Takken W, van Wieren SE, Takumi K, Sprong H. (2014) Circulation of four *Anaplasma phagocytophilum* ecotypes in Europe. Parasites & Vectors 7:365

Laki A, Kristóf I, **Fok É**, Pierluigi C (2014) Filtration of Nematodes using an Integrated Microcapillary System. Bio Nano Science

Hornok S, Mester A, **Takács N**, Isabel G, Fuente F, **Farkas R** (2014) Bovine piroplasmosis re-emerging in Hungary: the etiological role of *Babesia divergens* taken over by *B. major* and *Theileria buffeli*. Parasites and Vectors 2014. 7:434. IF: 3.246

Herczeg T, Blahó M, Száz D, Kriska Gy, **Gyurkovszky M**, **Farkas R**, Horvath G (2014) Seasonality and daily activity of male and female tabanid flies monitored in a Hungarian hill-country pasture by new polarization traps and traditional canopy traps. Parasit Res 2014. 113: 4251-4260. IF: 2.327

Hornok S, Meli M L, Gönczi E, Halász E, **Takács N**, **Farkas R**, Hofmann-Lehmann R (2014) Occurrence of ticks and prevalence of *Anaplasma phagocytophilum* and *Borrelia burgdorferi* s.l. in three types of urban biotopes: forests, parks and cemeteries. Short communications Tick and Tick-borne Diseases 5 (6) 785-789 IF: 2.878

Rizzoli A, Silaghi C, Obiegala A, Rudolf I, Hubalek Z, **Földvári G**, Plantard O, Vayssier-Taussat M, Bonnet S, Spitalska E, Kazimirova M (2014) *Ixodes ricinus* and its transmitted pathogens in urban and peri-urban areas in Europe: new hazards and relevance for public health. Frontiers in Public Health 2:251.

International conference presentations

Földvári G (2014) Wildlife in the city: hedgehogs, ticks and pathogens. Invited lecture at Parasitological Day 2014 of the Austrian Society of Tropical Medicine, Parasitology and Migration Medicine (ASTPM) in Marz, Austria p. 12.

Majoros G (2014) An exotic Schistosoma species in Central Europe: what are their intermediate snail hosts? Parasitological Day 2014 of the Austrian Society of Tropical Medicine, Parasitology and Migration Medicine (ASTPM) in Marz, Austria p. 12.

Földvári G, Jahfari S, **Rigó K**, Jablonszky M, **Szekeres S**, **Majoros G**, Tóth M, Molnár V, Coipan EC, Sprong H (2014) Tick-borne zoonotic bacteria associated with urban hedgehogs in a city park, Budapest. Lecture at 8th Ticks and Tick-borne Pathogens Conference, Cape Town, South Africa

Szekeres S, **Rigó K**, **Majoros G**, Coipan EC, Jahfari S, Sprong H, **Földvári G** (2014) Ticks and rodents with *Anaplasma phagocytophilum* and *Candidatus Neoehrlichia mikurensis* infection in Southern Hungary. Poster at 8th Ticks and Tick-borne Pathogens Conference, Cape Town, South Africa

Földvári G, Jahfari S, **Rigó K**, Jablonszky M, **Szekeres S**, **Majoros G**, Tóth M, Molnár V, Coipan EC, Sprong H (2014) Urban hedgehogs as potential risk factors for tick-borne zoonotic bacteria in a city park, Budapest. Lecture at the V4 Parasitological Meeting – Parasites in the Heart of Europe, Stara Lesna, Slovakia, p. 35-36.

Szekeres S, **Rigó K**, **Majoros G**, Coipan EC, Jahfari S, Sprong H, **Földvári G** (2014) Ticks and rodents with *Anaplasma phagocytophilum* and *Candidatus Neoehrlichia mikurensis* infection in Southern Hungary. Lecture at the V4 Parasitological Meeting – Parasites in the Heart of Europe, Stara Lesna, Slovakia, p. 57.

Haklová B, Hižňanová A, Majláth I, Račka K, Harris DJ, **Földvári G**, Tryjanowski P, Kokošová N, Majláthová V (2014) Morphological and molecular characterization of blood apicomplexan parasites (*Karyolysus*, *Schellackia*) infecting some European lizards. Lecture at the V4 Parasitological Meeting – Parasites in the Heart of Europe, Stara Lesna, Slovakia, p 40-41.

Hornok S, **Földvári G**, **Farkas R** (2014) Surveys of *Ixodes ricinus* and *I. ricinus*-borne pathogens in Hungary, 2013. Lecture at EDENext Annual General Meeting, Rovaniemi, Finland

Scientific presentations

Farkas R (2014) Overviews of animal health problems of goat flocks. European Regional Abstracts, Conference on Goats Faculty of Veterinary Science, Szent István University, Debrecen, Hungary 7-13 April 2014. p. 72.

2015.

Peer-reviewed scientific journal

Zittra C, Kocziha Zs, Pinnyei Sz, Harl J, Kieser K, Laciny A, Eigner B, Silbermayr K, Duscher G, **Fok É**, Fuehrer H-P (2015) Screening blood-fed mosquitoes for the diagnosis of filarioid helminths and avian malaria. Parasites and Vectors, 8:16. IF: 3,43

Hornok S, Mester A, Takács A, Baska F, **Majoros G**, **Fok É**, Biksi I, Németh Z, Hornyák Á, Jánosi Sz, **Farkas R** (2015) *Sarcocystis*-infection of cattle in Hungary. Parasites and Vectors, 8:69. IF: 3,43

Hornok S, **Földvári G**, Rigó K, Meli M L, Gönczi E, Répási A, **Farkas R**, Papp I, Kontschán J, Hofmann-Lehmann R (2015) Synanthropic rodents and their ectoparasites as carriers of a novel haemoplasma and vector-borne, zoonotic pathogens indoors. Parasites and Vectors 8:27. IF: 3,43

Hornok S, Tánczos B, Kontschán J, Estrada-Peña A, Fernández de Mera I, Tomanovic S, de la Fuente J (2015) Contributions to the morphology and phylogeny of the newly discovered bat tick species, *Ixodes ariadnae* in comparison with *I. vespertilionis* and *I. simplex*. Parasites and Vectors 8:47. IF: 3,43 Tomanovic S

Mertens M, Vatansever Z, Mrenoski S, Krstevski K, Stefanovska J, Djadovski I, Cvetkovikj I, **Farkas R**, Schuster I, Comtet L, Tordo M, Chtoui M, Balkema-Buschmann A, Mitrov D, Groschup MH (2015) Circulation of Crimean-Congo Hemorrhagic Fever Virus in the Former Yugoslav Republic of Macedonia revealed by screening of cattle sera using a novel Enzyme-linked Immunosorbent Assay. PLOS Negl Dis 5; 9(3) e0003519 IF: 4.489

Farkas R, Takács N, Hornyák Á, Nachum-Biala Y, **Hornok S**, Baneth G (2015) First report on *Babesia* cf. *microti* infection of red foxes (*Vulpes vulpes*) from Hungary. Parasites and Vectors 8:55. IF: 3,43

Schnyder M, Schaper R, Lukács Z, **Hornok S**, **Farkas R** (2015) Combined serological detection of circulating *Angiostrongylus vasorum* antigen and parasite-specific antibodies in dogs from Hungary. Parasitol Res 114:S139–S14 IF: 2.33

Szekeres S, Rigó K, Majoros G, Coipan E C, Jahfari S, Sprong H, **Földvári G** (2015) Eco-epidemiology of *Borrelia miyamotoi* and Lyme borreliosis spirochetes in a popular hunting and recreational forest area in Hungary. Parasites&Vectors 8:309. IF: 3,43

de Bruin A, Docters van Leeuwen A, Jahfari S, Takken W, Földvári M, Dremmel L, Sprong H, **Földvári G** (2015) Vertical transmission of *Bartonella schoenbuchensis* in *Lipoptena cervi*. Parasites&Vectors 8: 176. IF: 3,43

Szekeres S, Coipan EC, Rigó K, Majoros G, Jahfari S, Sprong H, **Földvári G** (2015) *Candidatus*

Neoehrlichia mikurensis and *Anaplasma phagocytophilum* in natural rodent and tick communities in Southern Hungary. *Ticks and Tick-borne Diseases* 6: 111-116. IF: 2,718

Hornok S, Fedák A, Baska F, Basso W, Dencső L, Tóth G, Szeregi L, Abonyi T, Dénes B (2015) Vector-borne transmission of *Besnoitia besnoiti* by blood-sucking and secretophagous flies: epidemiological and clinicopathological implications. *Parasites&Vectors* 8:450. IF: 3,43

Hornok S, Estók P, Kováts D, Flaisz B, Takács N, Szőke K, Krawczyk A, Kotschán J, Gyuranecz M, Fedák A, Farkas R, Haarsma AJ, Sprong H (2015) Screening of bat faeces for arthropod-borne apicomplexan protozoa: *Babesia canis* and *Besnoitia besnoiti*-like sequences from Chiroptera. *Parasites&Vectors* 8:441. IF: 3,43

Hornok S, Takács N, Szőke K, Kunz B (2015) First record of *Ixodes ariadnae* in Germany. *Acta Veterinaria Hungarica* 63: 347-351. IF: 0,6

Hornok S, Estrada-Peña A, Kotschán J, Plantard O, Kunz B, Mihalca AD, Thabah A, Tomanović S, Burazerović J, Takács N, Görföl T, Estók P, Tu VT, Szőke K, Fernández de Mera IG, de la Fuente J, Takahashi M, Yamauchi T, Takano A (2015) High degree of mitochondrial gene heterogeneity in the bat tick species *Ixodes vespertilionis*, *I. ariadnae* and *I. simplex* from Eurasia. *Parasites&Vectors* 8:457. IF: 3,43

Hornok S, Takács N, Kotschán J, György Zs, Micsutka A, Iceton S, Flaisz B, Farkas R, Hofmann-Lehmann R (2015) Diversity of *Haemaphysalis*-associated piroplasms of ruminants in Central-Eastern Europe, Hungary. *Parasites&Vectors* 8:627. IF: 3,25

Vayssier-Taussat M, Kazimirova M, Hubalek Z, Hornok S, Farkas R, Cosson JF, Bonnet S, Vourch G, Gasqui P, Mihalca AD, Plantard O, Silaghi C, Cutler S, Rizzoli A (2015) Emerging horizons for tick-borne pathogens: from the 'one pathogen-one disease' vision to the pathobiome paradigm. *Future Microbiol.* 10(12) 2033-43. IF: 4,28

Books and book chapters

Tóth-Ronkay M, Bajor Z, Bárány A, **Földvári G**, Görföl T, Halpern B, Leél-Őssy Sz, Mészáros R, Péntek AL, Tóth B, Tóth Z, Vörös J (2015) Chapter I. Budapest. p 1-48. in Kelcey JG (ed) Vertebrates and Invertebrates of European Cities: Selected Non-Avian Fauna. Springer Verlag in press

Farkas R, Losson B, Cozma V (2015) CHEYLETIELLOSIS 170

Losson B, **Farkas R, Cozma V** (2015) TROMBICULOSIS 180

Losson B, **Farkas R, Cozma V**, Bourdeau (2015) OTHER ACARIOSES 186

In: Parasitoses and Vector Borne Diseases of Cats (2015) Scientific Editors Beugnet F, Halos L, Lyon, France, 381p

Scientific presentations

Farkas R (2015) Vector-borne disease. MSD szimpózium. 2015. március 5. Bécs

Fok É (2015) Story of ESCCAP-Hungary. 2015. április 7. Malvern, Egyesült Királyság

Farkas R (2015) Vector-borne diseases of dogs. Moszkvai állatorvosi rendezvény. 2015. április 25-26. Moszkva

Hornok S, Flaisz B, Csörgő T, Csipak Á, Jaksa B R, Kováts D (2015) Does insectivorism of birds affect their ticks? Results of a triannual survey; 2nd Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec) Izmir, 2015. április 2.

Szekeres S, Rigó K, Majoros G, Coipan E C, Jahfari S, Sprong H, Földvári G (2015) Eco-Epidemiology of *Borrelia miyamotoi* and Lyme borreliosis spirochetes in a popular hunting area in Hungary; 2nd Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec) Izmir, 2015. április 2.

2016.

Peer-reviewed scientific journal

Rigó K, Majoros G, Szekeres S, Molnár I, Jablonszky M, Majláthová V, Majláth I, Földvári G, (2016) Identification of *Hepatozoon erhardovae* Krampitz, 1964 from bank voles (*Myodes glareolus*) and fleas in Southern Hungary. Parasitology Research in press IF: 2,027

Földvári G, Siroky P, Majoros G, Szekeres S, Sprong H (2016) *Dermacentor reticulatus*: a vector on the rise. Parasites&Vectors 9:314. IF: 3,234

Szekeres S, Docters van Leeuwen A, Rigó K, Jablonszky M, Majoros G, Sprong H, Földvári G (2016) Prevalence and diversity of human pathogenic *Rickettsiae* in urban versus rural habitats, Hungary. Experimental and Applied Acarology 68:223-226. IF: 1,812

Molnar K, Gibson D I, Majoros G, Szekely C, Sandor D, Cech G (2016) Malformations of the gill filaments of the ruffe *Gymnocephalus cernuus* (L.) (Pisces) caused by echinostomatid metacercariae, Journal of Fish Diseases IF: 2.053

van Duijvendijk G, Coipan C, Wagemakers A, Fonville M, Ersöz J, Oei A, Földvári G, Hovius J, Takken W, Sprong H (2016) Larvae of *Ixodes ricinus* transmit *Borrelia afzelii* and *B. miyamotoi* to vertebrate hosts, Parasites&Vectors 9: 97. IF: 3,234

Hornok S, Flaisz B, Takács N, Kontschán J, Csörgő T, Csipak Á, Jaksa B R, Kováts D (2016) Bird ticks in Hungary reflect western, southern, eastern flyway connections and two genetic lineages of *Ixodes frontalis* and *Haemaphysalis concinna*, Parasites&Vectors 9: 101. IF: 3.234

Hornok S, Abichu G, Takács N, Gyuranecz M, Farkas R, Fernández de Mera I G, de la Fuente J (2016) Molecular screening of *Anaplasmataceae* in ticks and tsetse flies from Ethiopia, Acta Veterinaria Hungarica 64:(1) pp. 65-70. IF: 1.14

Hornok S, Kartali K, Takács N: Regina Hofmann-Lehmann (2016) Uneven seasonal distribution of *Babesia canis* and its two 18S rDNA genotypes in questing *Dermacentor reticulatus* ticks in urban habitats, Ticks and Tick-Borne Diseases 7(5) 694-697. IF: 2,690

Hornok S, Kováts D, Flaisz B, Csörgő T, Könczöl Á, Balogh Gy T, Csorba A, Hunyadi A (2016) An unexpected advantage of insectivorism: insect moulting hormones ingested by song birds affect their ticks, Scientific Reports 6: 23390 IF: 2,242

Becskei Cs, De Bock F, Illambas J, Mahabir S P, Farkas R, Robert H (2016) Six: Efficacy and safety of a novel oral isoxazoline, sarolaner (SimparicaTM) in the treatment of naturally occurring flea and tick infestations in dogs presented as veterinary patients in Europe. Veterinary Parasitology IF: 2,242

Pfister K, Scheuerle M, van Doorn D, Osterman Lind E, Stear M, Menzel M, **Farkas R**, Steiner B, Rotenanger E, Hertzberg H, Becher A (2016) Insights, experiences and scientific findings of a successful worm control in horses in several European countries and some perspectives for the future. 10th IEIDC Abstracts-Parasitology. Journal of Equine Veterinary Science 39 S45-S55

Szőke K, Hornok S (2016) A denevérek (*Chiroptera*) járványtani jelentősége Európában, különös tekintettel vérszívó külső élősködőikre és az általuk terjeszthető (vector-borne) kórokozókra, Magyar Állatorvosok Lapja 138:(1) pp. 15-29. IF: 0.212

Hornok S, Kováts D, Angyal D, Dányi L, Kovács R, Konthschán J (2016) Description of the male and the larva of *Ixodes ariadnae* Hornok, 2014, Ticks and Tick-Borne Diseases 7:(6) pp. 1252-1255. IF: 2,690

Hornok S, Görföl T, Estók P, Tan Tu V, Konthschán J (2016) Description of a new tick species, *Ixodes collaris n. sp.* (Acari: Ixodidae), from bats (Chiroptera: Hipposideridae, Rhinolophidae) in Vietnam, Parasites&Vectors 9: 332. IF: 3.234

Perez K, Werren R L, Lynam C A, Hartman L A, **Majoros G**, Cole R A (2016) Genetic structure of faucet snail, *Bithynia tentaculata* populations in north America based on microsatellite marker, Freshwater Mollusk Biology and Conservation 19:56-68;

Molnár K, Gibson DI, **Majoros G**, Székely C, Sándor D, Cech G (2016) Malformations of the gill filaments of the ruffe *Gymnocephalus cernuus* (L.) (Pisces) caused by echinostomatid metacercariae. Jurnal of Fish Dis. 2016 Nov; 39(11) 1357-1367. IF.: 2.053

Hornok S, Szőke K, Kováts D, Estók P, Görföl T, Boldogh SA, **Takács N**, Konthschán J, **Földvári G**, Barti L, Corduneanu A, Sándor AD (2016) DNA of Piroplasms of ruminants and dogs in ixodid bat ticks. PLoS ONE 11(12) e0167735.

Books and book chapters

Tóth-Ronkay M., Bajor Z., Bárány A., **Földvári G.**, Görföl T., Halpern B., Leél-Őssy Sz., Mészáros R., Péntek AL., Tóth B., Tóth Z., Vörös J (2016) Chapter I. Budapest. in Kelcey JG (ed) Vertebrates and Invertebrates of European Cities: Selected Non-Avian Fauna. Springer Verlag pp. 22-73.

Földvári G (2016) Life cycle and ecology of *Ixodes ricinus*: the roots of public health importance. in Braks MAH, van Wieren SE, Takken W, Sprong H (eds) Ecology and prevention of Lyme borreliosis (Ecology and Control of Vector-borne diseases, Volume 4). Wageningen Academic Publishers, Wageningen, the Netherlands in press

Szekeres S, Majláthová V, Majláth I, **Földvári G** (2016) Neglected hosts: The role of lacertid lizards and medium-sized mammals in the eco-epidemiology of Lyme borreliosis. in Braks MAH, van Wieren SE, Takken W, Sprong H (eds) Ecology and prevention of Lyme borreliosis (Ecology and Control of Vector-borne diseases, Volume 4). Wageningen Academic Publishers, Wageningen, the Netherlands in press

International Congress Presentation

Juhasz A (2016) Search for snail-vectors of an endemic *Schistosoma* species in Hungary

The 19th International Congress of UNITAS MALACOLOGICA, The World Congress of Malacology (WCM) 2016. July 18-24.

Pfister K., M. Scheuerle, D. van Doorn, E. Osterman Lind, M. Stear, M. Menzel, **R. Farkas**, B. Steiner, E. Rotenanger, H. Hertzberg, A. Becher (2016) Insights, experiences and scientific findings of a successful worm control in horses in several European countries and some perspectives for the future. International Equine Infectious Diseases Conference (IEIDC X). April 4-8, 2016. Buenos Aires, Argentina

Juhasz A (2016) Search for snail-vectors of an endemic *Schistosoma* species in Hungary The 19th International Congress of UNITAS MALACOLOGICA, The World Congress of Malacology (WCM) 2016. July 18-24.

2017.

Peer-reviewed scientific journal

Hornok S, Trauttwein K, Takács N, Hodžić A, Duscher GG, Kontschán J (2017) Molecular analysis of *Ixodes ricinus*, *Candidatus Neoehrlichia* sp. (FU98) and a novel Babesia genotype from a European badger (*Meles meles*), Ticks and Tick-Borne Diseases 8:(1) pp. 41-44.

Hornok S, Sándor AD, Tomanović S, Beck R, D'Amico G, Kontschán J, Takács N, Görföl T, Bendjedou ML, Földvári G, Farkas R. (2017) East and west separation of *Rhipicephalus sanguineus* mitochondrial lineages in the Mediterranean Basin. Parasites&Vectors 10:39. 11p

Borka-Vitális L, Domokos Cs, **Földvári G, Majoros G** (2017) Endoparasites of brown bears in Eastern Transylvania, Romania. Ursus in press

Fehér Z, **Majoros G**, Otvös S, Bajomi B, Sólymos P (2017) Successful reintroduction of the endangered black nerite, *Theodoxus prevostianus* in Hungary The Malacological Society of London Jurnal of Molluscan Studies 1 3 doi:10.1093