

Curriculum Vitae

March 2018

Dr. Martin Kašný, Ph.D.

Personal Data

Date of Birth: 26.11.1977

Place of Birth: Uherské Hradiště, Czech Republic

Employer

Masaryk University in Brno, Faculty of Science, Department of Botany and Zoology (Parasitology), Campus Bohunice, Kamenice 753/5 (A31, 314), Brno 625 00, Czech Republic

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Main Areas of Research

Research activities cover fourteen years experiences in parasite research (including nematode, trematode and monogeneans models). I am specialized on identification of key parasite functional molecules, their purification, biochemical, immunological and molecular characterization in order to define their role in host-parasite interactions.

Education:

1999: **BSc.** in Biology at Masaryk University, Faculty of Science, Department of Ecotoxicology, Brno, Czech Republic.

2000: **MSc.** in Ecotoxicology at Masaryk University, Faculty of Science, Department of Ecotoxicology, Brno, Czech Republic.

2008: **RNDr** in Parasitology and **Ph.D.** in Parasitology at Charles University in Prague, Faculty of Science, Department of Parasitology, Prague, Czech Republic. *Ph.D. Thesis: Peptidases of Trematodes.*

Academic Career

2004 (July-November): Institute for the Biotechnology of Infectious Diseases, University of Technology Sydney, Australia; laboratory of Prof. J. Dalton.

2005 (September-October): University of York, Department of Biology, UK; laboratory of Dr. A. Mountford.

2006 (November-December): University of California, S. Francisco, USA; laboratory of Prof. J. McKerrow.

2010 (July-December): University of Queensland, Brisbane, Australia; laboratory of A/Prof. M. Jones.

2013 (December): USDA, ARS, ANRI, Animal Parasitic Diseases Lab, B1180, BARC-East Beltsville, MD, USA; laboratory of Prof. D. Zarlenga

2014 (December): USDA, ARS, ANRI, Animal Parasitic Diseases Lab, B1180, BARC-East Beltsville, MD, USA; laboratory of Prof. D. Zarlenga

2015 (November): Faculty of Veterinary Sciences, University of Buenos Aires; Av. Chorroarín 280 - C1427CWO, Buenos Aires, Argentina laboratory of Dr. M. Ribicich

Research

Most important funded research grants

2003-2007: The Wellcome Trust – Collaborative Research Initiative Grant (Grant n. 072255/Z/03/Z): The biochemical and immunological properties of *Trichobilharzia* proteases.

2006-2010: Czech Ministry of Education (Grant n. MSM LC06009): Centrum of molecular ecology of vectors and pathogens.

2012-2014: Ministry of Education, Youth and Sports of the Czech Republic (Contact II USA - Grant No. LH12096): Characterization of abundant and functionally important molecules in excretory-secretory products of *Trichinella spiralis*/*Trichinella pseudospiralis* L1 larvae, and their use in diagnostics of trichinellosis. (principal investigator).

- 2012-2018: Grant Agency of Czech Republic (Grant n. P505/12/G112): European Center of Ichtyoparasitology. (member of the team).
- 2012-2016: Czech Science Foundation (Grant No. P506/12/1258): Host-parasite interactions in blood-feeding diplozoid monogeneans: Investigation of a highly specialized adaptation to parasitism. (member of the team).
- 2013-2017: Czech Science Foundation (Grant No. 13-29577S): The neurotropic schistosome *Trichobilharzia regenti* in vertebrates: immune response, pathology and diagnostic markers (2013-2017) (member of the team).

The most important invitations to present at the scientific meetings/seminars

9/2010: University of Queensland, Brisbane, Australia; Peptidases of Trematodes

The most important academic awards

2010: Group of Eight scholarship, University of Queensland, Brisbane, Australia.

The most important peer review activities

Reviewer activity for: Acta Tropica, PLoS Neglected Tropical Disease, BMC Veterinary Research, Veterinary parasitology

Key international research partners (2011-2016)

Dr. Dante Zarlenga, United States Department of Agriculture, USA

Prof. John P. Dalton, Queen's University Belfast, UK.

Prof. Robin B. Gasser, The University of Melbourne, Australia

Dr. Jason Mulvenna, University of Queensland, Australia.

Dr. Malcolm Jones, University of Queensland, Australia.

Prof. Miriam Mabel Ribicich, University of Buenos Aires, Argentina

Dr. Conor R. Caffrey, University of California, USA

Publications in refereed journals

Total in journals with IF: **34**

Number of citations without autocitations (WOS): **205**

H-index: **11**

1. **Jedličková L., Dvořáková H., Dvořák J., Kašný M., Ulrychová L., Vorel J., Žárský V., Mikeš L.** (2018). Cysteine peptidases of *Eudiplozoon nipponicum*: a broad repertoire of structurally assorted cathepsins L in contrast to the scarcity of cathepsins B in an invasive species of haematophagous monogenean of common carp. *Parasites and Vectors*, 11, 1-17. [IF 3.035]
2. **Jirsová D., Ding X., Cívánová K., Jirounková E., Ilgová J., Koubková B., Kašný M., Gelnar M.** (2018). Redescription of *Paradiplozoon hemiculteri* (Monogenea, Diplozoidae) from the type host *Hemiculter leucisculus*, with neotype designation. *Parasite*, 25, 4. [IF 2.545]
3. **Ilgová J., Jedličková L., Dvořáková H., Benovics M., Mikeš L., Janda L., Vorel J., Roudnický P., Potěšil D., Zdráhal Z., Gelnar M., Kašný M.** (2017). A novel type I cystatin of parasite origin with atypical legumain-binding domain, *Scientific Reports*, 7, 17526. [IF 4.259]
4. **Reslová N., Škorpíková L., Slaný M., Pozio E., Kašný M.** (2017). Fast and Reliable Differentiation of Eight *Trichinella* Species Using a High Resolution Melting Assay. *Scientific Reports*, 7, 16210. [IF 4.259]
5. **Konstanzová V., Koubková B., Kašný M., Ilgová J., Dzika E., Gelnar M.** (2017). An ultrastructural study of the surface and attachment structures of *Paradiplozoon homioi* (Bychowsky & Nagibina, 1959) (Monogenea: Diplozoidae). *Parasites and Vectors*, 10, 1-10. [IF 3.035]
6. **Reslová N., Michná V., Kašný M., Mikel P., Králík P.** (2017). xMAP Technology: Applications in Detection of Pathogens. *Frontiers in Microbiology*, 8, 1-17. [IF 4.165]
7. **Fariña F., Pasqualetti M., Ilgová J., Cardillo N., Ercole M., Aronowicz T., Krivokapich S., Kašný M., Ribicich M.** (2017). Evaluation of the infectivity and the persistence of *Trichinella patagoniensis* in muscle tissue of decomposing guinea pig (*Cavia porcellus*) *Parasitology Research*, 116, 371-375 [IF 2.098]

8. **Ma J., He J.J., Liu G.H., Leontovyč R., Kašný M., Zhu X.Q.** (2016). Complete mitochondrial genome of the giant liver fluke *Fascioloides magna* (Digenea: Fasciolidae) and its comparison with selected trematodes. *Parasites and Vectors* 9, 1-7 [IF 3.234]
9. **Pankrác J., Novobilský A., Rondelaud D., Leontovyč R., Syrovátka V., Rajský D., Horák P., Kašný M.** (2016). Effect of *Fascioloides magna* (Digenea) on fecundity, shell height, and survival rate of *Pseudosuccinea columella* (Lymnaeidae). *Parasitology Research*, 115, 3119-3125. [IF 2.098]
10. **Jedličková L., Dvořáková H., Kašný M., Ilgová J., Potěšil D., Zdráhal Z., Mikeš L.** (2016). Major acid endopeptidases of the blood-feeding monogenean *Eudiplozoon nipponicum* (Heteronchoinea: Diplozoidae). *Parasitology* 143, 494-506. [IF 2.560]
11. **Konstanzová V., Koubková B., Kašný M., Ilgová J., Dzika E., Gelnar M.** (2016). Excretory system of representatives from family Diplozoidae (Monogenea). *Parasitology Research*, 115, 1493-1500. [IF 2.098]
12. **Leontovyč R., Young N. D., Korhonen P. K., Hall R. S., Tan P., Mikeš L., Kašný M., Horák P., Gasser R. B.** (2016): Comparative transcriptomic exploration reveals unique molecular adaptations of neuropathogenic *Trichobilharzia* to invade and parasitize its avian definitive host. *PLOS Neglected Tropical Diseases*, 1-24. [IF 4.446]
13. **Prchal L., Vokřál I., Kašný M., Rejšková L., Zajíčková M., Lamka J., Skálová L., Lecová L., Sztáková B.** (2016). Metabolism of drugs and other xenobiotics in giant liver fluke (*Fascioloides magna*). *Xenobiotica* 46, 132-140. [IF=2.101]
14. **Ondračková M., Hudcová I., Dávidová M., Adámek Z., Kašný M., Jurajda P.** (2015). Non-native gobies facilitate the transmission of *Bucephalus polymorphus* (Trematoda). *Parasites and Vectors*, 19, doi: 10.1186/s13071-015-0999-7. [IF=3.43]
15. **Dreyfuss G., Correa A., Djuikwo-Teukeng F., Novobilsky A., Hoglund J., Pankrác J., Kašný M., Vignoles P., Hurtrez-Bousses S., Pointier J., Rondelaud D.** (2015). Differences in the compatibility of infection between the liver flukes *Fascioloides magna* and *Fasciola hepatica* in a Colombian population of the snail *Galba* sp.. *Journal of Helminthology*, 2015, **89** (6), 720-726. [IF=1.421]
16. **Konstanzová V., Koubková B., Kašný M., Ilgová J., Dzika E., Gelnar M.** (2015). Ultrastructure of the digestive tract of *Paradiplozoon homoion* (Monogenea). *Parasitology Research*, 114, 1485-1494. [IF=2.33]
17. **Skala V., Cernikova A., Jindrova Z., Kasny M., Vostry M., Walker A.J., Horak P.** (2014). Influence of *Trichobilharzia regenti* (Digenea: Schistosomatidae) on the Defence Activity of *Radix lagotis* (Lymnaeidae) Haemocytes. *PLoS One*, 9, e111696. doi: 10.1371/journal.pone.0111696. eCollection 2014. [IF=3.25]
18. **Leontovyc R., Kostakova M., Siegelova V., Melounova K., Pankrac H., Vrbova K., Horak P., Kasny M.** (2014). Highland cattle and *Radix labiata*, the hosts of *Fascioloides magna*. *BMC Veterinary Research*, 10, 1-7. [IF=1.74]
19. **Vignoles P., Novobilsky A., Hooglund J., Kasny M., Pankrac J., Dreyfuss G., Pointier J.-P., Rondelaud D.** (2014): *Lymnaea cubensis*, an experimental intermediate host for *Fascioloides magna*. *Folia Parasitologica*. 61, 185-188. [IF=1.21]
20. **Novobilsky A., Kasny M., Beran L., Rondelaud D., Höglund J.** (2013). *Lymnaea palustris* and *Lymnaea fuscus* are potential but uncommon intermediate hosts of *Fasciola hepatica* in Sweden. *Parasites and Vectors*, 251, 1-10. [IF=3.25]
21. **Rondelaud D., Novobilsky A., Höglund J., Kasny M., Pankrác J., Vignoles P., Dreyfuss G.** (2014): Growth rate of the intermediate snail host *Galba truncatula* influences redial development of the trematode *Fascioloides magna*. *Journal of Helminthology* 88, 427-433. [IF=1.30]
22. **Sanabria R., Mouzet R., Pankrac J., Teukeng F.F.D., Courtioux B., Novobilsky A., Hoglund J., Kasny M., Vignoles P., Dreyfuss G., Rondelaud D., Romero J.** (2013). *Lymnaea neotropica* and *Lymnaea viatrix*, potential intermediate hosts for *Fascioloides magna*. *Journal of Helminthology* 87, 494-500. [IF=1.16]
23. **Cantacessi C., Mulvenna J., Young N.D., Kasny M., Horak P., Aziz A., Hofmann A., Loukas A., Gasser R.B.** (2012). A deep exploration of the transcriptome and 'excretory/secretory' proteome of adult *Fascioloides magna*. *Molecular & Cellular Proteomics* 11, 1340-1353. [IF=7.251]
24. **Novobilsky A., Kasny M., Pankrac J., Rondelaud D., Engström A., Höglund J.** (2012). *Lymnaea fuscus* (Pfeiffer, 1821) as a potential intermediate host of *Fascioloides magna* in Europe. *Experimental Parasitology* 132, 282-286. [IF=2.154]

25. **Hunova K., Kasny M., Hampl V., Leontovyc R., Kubena A., Mikes L., Horak P.** (2012): *Radix* spp.: Identification of trematode intermediate hosts in the Czech Republic. *Acta Parasitologica* 273-284. [IF=1.0]
26. **Kasny M., Beran L., Siegelova V., Siegel T., Leontovyc R., Berankova K., Pankrac J., Kostakova M., Horak P.** (2012). Geographical distribution of the giant liver fluke (*Fascioloides magna*) in the Czech Republic and potential risk of its further spread. *Veterinary Medicine* 57: 101-109. [IF=0.679]
27. **Ligasova A., Bulantová J., Sebesta O., Kasny M., Koberna K. and Mikes L.** (2011). Secretory glands in cercaria of the neuropathogenic schistosome *Trichobilharzia regenti* - ultrastructural characterization, 3-D modelling, volume and pH estimations. *Parasites and Vectors* 4: 162. [IF=3.25]
28. **Kasny M., Mikes L., Hampl V., Dvorak J., Caffrey C. R., Dalton J. P., Horak P.** (2009): Peptidases of trematodes. *Advances in Parasitology* 69: 205-297. DOI: 10.1016/S0065-308X(09)69004-7 [IF=3,778]
29. **Doleckova K., Kasny M., Mikes L., Cartwright J., Jedelsky P., Schneider E. L., Dvorak J., Mountford A. P., Craik C. S., Horak P.** (2009): The functional expression and characterization of a cysteine peptidase from the invasive stage of the neuropathogenic schistosome *Trichobilharzia regenti*. *International Journal for Parasitology* 39: 201-211. DOI: 10.1016/j.ijpara.2008.06.010 [IF=3.637]
30. **Lichtenbergova L., Kolbekova P., Kourilova P., Kasny M., Mikes L., Haas H., Schramm G., Horak P., Kolarova L., Mountford A. P.** (2008): Antibody responses induced by *Trichobilharzia regenti* antigens in murine and human hosts exhibiting cercarial dermatitis. *Parasite Immunology* 30: 585-595. DOI: 10.1111/j.1365-3024.2008.01059.x [IF=2.601]
31. **Kasny M., Mikes L., Dalton J. P., Mountford A. P., Horak P.** (2007): Comparison of cysteine peptidase activities in *Trichobilharzia regenti* and *Schistosoma mansoni* cercariae. *Parasitology* 134: 1599-1609. [IF=2.522]
32. **Doleckova K., Kasny M., Mikes L., Mutapi F., Stack C., Mountford A. P., Horak P.** (2007): Peptidases of *Trichobilharzia regenti* (Schistosomatidae) and its molluscan host *Radix peregra* s. lat. (Lymnaeidae): construction and screening of cDNA library from intramolluscan stages of the parasite. *Folia Parasitologica* 54: 94-98. [IF=1.533]
33. **Novobilsky A., Kasny M., Mikes L., Kovarcik K., Koudela B.** (2007): Humoral immune responses during experimental infection with *Fascioloides magna* and *Fasciola hepatica* in goats and comparison of their excretory/secretory products. *Parasitology Research* 101: 357-364. [IF=1.812]
34. **Mikes L., Zidkova L., Kasny M., Dvorak J., Horak P.** (2005): *In vitro* stimulation of penetration gland emptying by *Trichobilharzia szidati* and *T. regenti* (Schistosomatidae) cercariae. Quantitative collection and partial characterization of the products. *Parasitology Research* 96: 230-241. [IF=1.226]

Monographs:

- **Kašný M., Haas W., Jamieson B. G. M., Horák P.** (2016): Cercaria of Schistosoma. In: *Schistosoma: Biology, Pathology and Control* (B. G. M. Jamieson, Ed.). CRC Press, Taylor and Francis Group, pp. xxxxx. ISBN: 978-1-4987-4425-6
- **Malagon, D., Benitez R., Kasny M., Adroher F.J.** (2012). Peptidases in Parasitic Nematodes. In: *Parasites: Ecology, Diseases and Management*. Nova Publishers. ISBN: 978-1-62257-692-0
- **Kasny M., Mikes L., Doleckova K., Hampl V., Dvorak J., Novotny M., Horak, P.** (2010). Cathepsins B1 and B2 of *Trichobilharzia* spp., bird schistosomes causing cercarial dermatitis. Landes Bioscience and Springer Science+Business Media. 136-154. ISBN: 978-1-4419-8413-5

Konference abstracts (2016-2017):

- **Jirsová D., Jirounková E., Kašný M., Gelnar M.** (2017). *Eudiplozoon nipponicum*: "Love at first sight?", 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.
- **Kašný M., Ilgová J., Vorel J., Roudnický P., Mikeš L., Dvořáková H., Jedličková L., Jirsová D., Strnad H., Leontovyč R., Dzika E., Koubková B., Vetešník L., Jurajda P., Gelnar M.** (2017). *Diplozoons* (Monogenea): what is the molecular base of their interaction with the host? 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.
- **Vorel J., Roudnický P., Ilgová J., Dvořáková H., Jedličková L., Mikeš L., Brož P., Jirsová D., Leontovyč R., Vetešník L., Jurajda P., Jankůvová M., Oppelt J., Koubková B., Gelnar M. and Kašný M.** (2017) *Eudiplozoon nipponicum* (Polyopisthocotylea: Diplozoidae): transcriptome and secretome analyses of hematophagous fish parasite. 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.

- **Roudnický P., Vorel J., Ilgová J., Mikeš L., Jedličková L., Dalton J., Dvořák J., Janda L., Norek A., Gelnar M., Kašný M.** (2017). Serpin from *Eudiplozoon nipponicum*. 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.
- **Ilgová J., Jedličková L., Dvořáková H., Mikeš L., Benovics M., Roudnický P., Vorel J., Vojtek L., Hyršl P., Salát J., Gelnar M., Kašný M.** (2017). Inhibition of proteolysis by the hematophagous *Eudiplozoon nipponicum*. 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.
- **Dvořáková H., Jedličková L., Kašný M., Bulantová J., Mikeš L.** (2017). Cathepsins D and B: the role of aspartic and cysteine peptidases in the life of *Eudiplozoon nipponicum* (Monogenea). 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.
- **Jedličková L., Dvořák J., Dalton J.P., Hrachovinová I., Kašný M., Mikeš L.** (2017). EnKT1- Kunitz type inhibitor of *Eudiplozoon nipponicum* involved in the regulation of hemostasis. 8th International Symposium on Monogenea, 6-10.8.2017, Brno, Czech Republic.
- **Pankrác J., Macháček T., Kašný M., Horák P.** (2017): Effect of nitric oxide and hydrogen peroxide on avian schistosomes *Trichobilharzia regenti* and *Trichobilharzia szidati*. 23th Helminthological Days, 8-12.5.2017, Duchonka, Slovakia.
- **Ilgová J., Jedličková L., Dvořáková H., Mikeš L., Sajlerová G., Benovics M., Roudnický P., Vorel J., Vojtek L., Hyršl P., Salát J., Gelnar M., Kašný M.** (2017). Stefin of *Eudiplozoon nipponicum* (Monogenea): Immunomodulator or housekeeping protein? 23th Helminthological Days, 8-12.5.2017, Duchonka, Slovakia.
- **Vorel J., Roudnický P., Ilgová J., Dvořáková H., Jedličková L., Mikeš L., Brož P., Jirsová D., Leontovyč R., Vetešník L., Jurajda P., Jankůvová M., Oppelt J., Koubková B., Gelnar M., Kašný M.** (2017). *Eudiplozoon nipponicum* (Monogenea: Diplozoidae): Comparative study of transcriptome and secretome of fish parasite. 23th Helminthological Days, 8-12.5.2017, Duchonka, Slovakia.
- **Škorpíková L., Reslová N., Slaný M., Pozio E., Kašný** (2017). Genotyping of eight *Trichinella* species using high resolution melting analysis. 23th Helminthological Days, 8-12.5.2017, Duchonka, Slovakia.
- **Reslová N., Škorpíková L., Snížková K., Kašný M., Králík P.** (2017). xMAP technology. detection of parasitic agents. 23th Helminthological Days, 8-12.5.2017, Duchonka, Slovakia.
- **Roudnický P., Vorel J., Ilgová J., Mikeš L., Jedličková L., Dalton J., Dvořák J., Janda L., Norek A., Gelnar M., Kašný M.** (2017). Serpin, a key molecule in the life of *Eudiplozoon nipponicum*.
- **Macháček T., Turjanicová L., Bulantová J., Kašný M., Horák P., Mikeš L.** (2017). Cercarial dermatitis in humans: a systematic follow-up study of 10 cases.
- **Pankrác J., Kašný M., Horák P.** (2016): Effect of radicals and other reactive species on *Trichobilharzia regenti*, a neuropathogenic avian schistosome. 50th Annual Meeting of the ÖGTPM, Vienna, Austria, 17.-19. 11. 2016.
- **Roudnický P., Vorel J., Ilgová J., Mikeš L., Jedličková L., Dalton J., Dvořák J., Zdráhal Z., Potěšil D., Janda L., Norek A., Gelnar M., Kašný M.** *Eudiplozoon nipponicum* (Heteronchoinea: Diplozoidae): insight into composition of E/S products and basic characterization of serpins. 28. – 30.11.2016, 5th ECIP meeting - European Centre of Ichtyoparasitology.
- **Kašný M., Ilgová J., Vorel J., Roudnický P., Mikeš L., Dvořáková H., Jedličková L., Jirsová D., Strnad H., Leontovyč R., Dzika E., Koubková B., Vetešník L., Jurajda P., Gelnar M.** Monogenea: parasite-host interactions at molecular level. 28. – 30.11.2016, 5th ECIP meeting - European Centre of Ichtyoparasitology.
- **Vorel J., Roudnický P., Ilgová J., Dvořáková H., Jedličková L., Mikeš L., Brož P., Jirsová D., Leontovyč R., Vetešník L., Jurajda P., Dzika E., Koubková B., Gelnar M., Kašný M.** *Eudiplozoon nipponicum* (Monogenea): the molecules transcribed by hematophagous parasite of fish. 28. – 30.11.2016, 5th ECIP meeting - European Centre of Ichtyoparasitology.
- **Jirsová D., Koubková B., Cívánová K., Jirounková E., Ilgová J., Xuejuan D., Gelnar M., Kašný M.** *Paradiplozoon hemiculteri*, real one! 28. – 30.11.2016, 5th ECIP meeting - European Centre of Ichtyoparasitology.
- **Jirsová D., Jirounková E., Vetešník L., Jurajda P., Gelnar M., Kašný M.** *Eudiplozoon nipponicum*: "Together - chance or destiny?" 28. – 30.11.2016, 5th ECIP meeting - European Centre of Ichtyoparasitology
- **Jirsová D., Šrámová E., Kašný M., Gelnar M.** (2016). *Eudiplozoon nipponicum*: "Together - chance or destiny?" 20th Evolutionary Biology Meeting at Marseilles. 20-23.9.2016, Marseilles, France.
- **Reslová N., Kašný M., Slaný M., Monteiro S., Santos R.** (2016). Real-time PCR versus digital PCR in diagnostics of food-borne parasites. COST meeting, Ljubljana, Slovenia.
- **Škorpíková L., Ilgová J., Potěšil D., Zdráhal Z., Demko M., Oppelt J., Gelnar M., Kašný M.** (2016). Deep insight into secretome and transcriptome of *Trichinella spiralis* and *Trichinella pseudospiralis*. 12th EMOP, 20-24.7.2016, Turku, Finland.
- **Jedličková L., Dvořáková H., Kašný M., Vorel J., Ilgová J., Brož P., Mikeš L.** (2016). Proteolytic equipment of the blood-feeding monogenean *Eudiplozoon nipponicum*. 12th EMOP, 20-24.7.2016, Turku, Finland.

- Škorpíková L., Slaný M., Gelnar M., Králík P., Kašný (2016). Cystatins of the parasitic nematodes from the genus *Trichinella*: serodiagnostic assays based on the xMAP-technology. 12th EMOP, 20-24.7.2016, Turku, Finland.
- Leontovyč R., Young N., Horák P., Gasser R., Kašný, M. (2016). RNA-seq: Comparative study of neuropathogenic and visceral bird schistosomes *Trichobilharzia regenti* and *T. szidati* (2016). RNA-seq: Comparative study of neuropathogenic and visceral bird schistosomes *Trichobilharzia regenti* and *T. szidati*. 12th EMOP, 20-24.7.2016, Turku, Finland.
- Ilgová J., Jedličková L., Dvořáková H., Mikeš L., Janda L., Gelnar M., Kašný M. (2016). Cystatins of helminths: characterization of molecules with immunomodulatory potential. 12th EMOP, 20-24.7.2016, Turku, Finland.
- Vorel J., Roudnický P., Ilgová J., Dvořáková H., Jedličková L., Mikeš L., Brož P., Jirsová D., Strnad H., Leontovyč R., Dzika E., Koubková B., Gelnar M., Kašný M. (2016). Monogenea: Comparative study of molecules transcribed by mucophagous and hematophagous parasites of fish. 12th EMOP, 20-24.7.2016, Turku, Finland.
- Pankrác J., Kašný M., Horák P. (2016). Effect of oxidative stress on the tissues of the bird schistosome *Trichobilharzia regenti*. 12th EMOP, 20-24.7.2016, Turku, Finland.
- Jirsová D., Šrámová E., Kašný M. (2016). *Trichinella nativa* hybrids: what genotype am I? 12th Czech and Slovak Parasitological Days, 16-20.5.2016, Ledec nad Sázavou, Czech Republic, *Book of Abstracts*.
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