



XVITH SLOVAK AND CZECH PARASITOLOGICAL DAYS

Parasites in the Heart of Europe 3

Detailed Conference Programme

21–25 September 2026

Tatranská Lomnica (High Tatras), Slovakia

Legend

★ KEYNOTE SPEAKER

◆ INVITED SPEAKER

* STUDENT COMPETITION

BOLD NAME = PRESENTING AUTHOR

TBA = TO BE ANNOUNCED

Session categories

- Clinical Parasitology
- Ecology & Population Biology
- Taxonomy & Biodiversity
- Labuda Day
- Epidemiology & Diagnostics
- Host-Parasite & Immunology
- Molecular Parasitology

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Monday, 21 September 2026

10:00–13:00 Registration

13:15 Opening Ceremony

CLINICAL PARASITOLOGY Clinical Human and Veterinary Parasitology
Chairs: Matteo Crotta, Vojtech Boldiš

14:00

★ KEYNOTE SPEAKER

Matteo Crotta

EFSA risk assessment for animal and plant health: a One Health methodological approach

14:45

František Stejskal

F. Stejskal, M. Trojanek, V. Jegorova, A. Vitous, L. Kolarova

Alveolar and cystic echinococcosis: two parasitic infections with different epidemiology, clinical manifestation and management

15:00

Michalina Karnicka

M. Karnicka, K. Kościelecka, M. Paul

Coexistence of primary hepatic neuroendocrine neoplasm and alveolar echinococcosis: diagnostic challenges and radiological diagnostic dilemmas – a case report

15:15

Róbert Rosol'anka

R. Rosol'anka, M. Kertys, N. Žideková, K. Šimeková

Therapeutic drug monitoring of albendazole-sulfoxide in alveolar echinococcosis: experience from a Slovak cohort

☕ **15:30 · Coffee break**

15:50

Vojtech Boldiš

V. Boldiš, F. Ondriska, J. Köppl, M. Brenner, E. Nohýnková, A. Perglerová, L. Minichová, J. Steinhübel

Fatal case of naegleriosis in Slovakia

16:05

Katarína Trnková

K. Trnková, L. Maďarová, L. Chomová, L. Rendlová, P. Scheid, J. Lorenzo-Morales

Primary amebic meningoencephalitis linked to public swimming pool activities: An environmental investigation

16:20

Klaudia Koscielecka

K. Kościelecka, M. Karnicka, M. Paul

Therapeutic challenges in the treatment of imported giardiasis from South Asia – analysis of drug-resistant cases in clinical practice

16:35

František Stejskal

F. Stejskal, M. Trojanek, V. Grebenyuk, A. Perglerova, P. Tumova, L. Richterova, I. Zicklerova, E. Nohynkova

Treatment challenges in imported giardiasis: A 22-year retrospective analysis

16:50

Aleksandra Sędzikowska

A. Sędzikowska, R. Przydatek-Tyrajka, P. Tokarzewska, K. Bartosik

Demodicosis as an interdisciplinary health and aesthetic problem

17:05

Marcin Padzik

M. Padzik, G. Olędzka, A. Gromala-Milaniuk, E. Kopeć, E. Beata Hendiger-Rizo

Changes in prevalence and intensity of the head lice infestations in preschool and school children in Poland across 2018-2023 including pandemic COVID-19

17:20

* STUDENT COMPETITION

Barbora Fedorková

B. Fedorková, G. Štrkolcová, A. Schreiberová

Case report: Zoonotic protozoa in domestic dogs

17:35

* STUDENT COMPETITION

Weronika Helena Hildebrand

W. H. Hildebrand, M. Kalicki, W. Paszta, I. Piórkowska, M. Rumiński, M. Załuski, K. Kot, T. Jóźwik, D. Lisek, G. Zaleśny

The zoonotic gap: Why protozoans thrive where helminths fail in Polish zoos

Poster Discussion 17:50–18:15 (15 posters)

M1 Daniela Antolová — D. Antolová, Y. Syrota, J. Halapy, M. Stanko, G. Chovancová, R. Hromada — *Hymenolepis nana* across wildlife and companion rodents: a remaining public health concern

M2 Joanna Górka — J. Górka, A. Lass — Prevalence of *Echinococcus multilocularis* in household and shelter dogs from Pomeranian Voivodeship, Poland

M3 Lukáš Ihnacik — L. Ihnacik, I. Papajová, J. Šmigová, E. Mori — Spatial modelling of european beaver (*Castor fiber*) habitat suitability in the Košice region

M4 Martina Karasová — M. Karasová, K. M. Kejř, B. Víchová — Acute-on-chronic kidney disease caused by *Babesia gibsoni* infection in dogs

M5 Tetiana Kuzmina — A. Königová, T. A. Kuzmina, M. Babjak, K. Kyriacou, T. Šávoltová, M. Várady, L. Molnár — Parasites of European bison (*Bison bonasus*): comparison of the wild and captive bison populations in Slovakia

M6 Anna Lass — K. Baranowicz, P. Gładysz, A. Świątalska, A. Lass — Prevalence of *Echinococcus multilocularis* in hunting dogs and red foxes (*Vulpes vulpes*) in hunting areas of northern Poland

M7 Martina Miterpáková — M. Miterpáková, A. Baran, Z. Hudáková, Z. Hurníková, Y. Syrota — Imported canine leishmaniosis as an emerging diagnostic and therapeutic challenge in a non-endemic country

M8 Mateusz Pękacz — M. Pękacz, A. Pawełczyk, R. Welc-Fałęciak, E. Ganci, A. Sędzikowska, J. Werszko, A. Kawińska, R. Sałamatin, A. Kaczmarek, D. Młocicki, A. Diakou, A. Zawistowska-Deniziak — Nineteen years of dirofilariosis in Poland: a preliminary One Health study from the Warsaw metropolitan area

M9 Anna Maria Pyziel — A. M. Pyziel, I. Dolka, A. Didkowska, W. Olech, P. Prakas, E. Juozaitytė-Ngugu — Histopathological evidence of *Sarcocystis* spp. infection in the muscles of European bison (*Bison bonasus* L.) from the Bieszczady Mountains, Poland

M10 Ruslan Sałamatin — A. Cybula, D. Krankowska, H. Żarnowska-Prymek, A. Rawska, R. Sałamatin, A. Kaczmarek, A. Wiercińska-Drapało — What excites infectious diseases doctors: second case of Human African Trypanosomiasis (HAT) detected in Poland: how a blood smear can save a life

M11 Anna Stachyra — J. Werszko, J. Pławińska-Czarnak, Z. Strzałkowska, Z. Belkot, M. Świsłocka-Cutter, M. Asman, A. Sulima-Celińska, A. Stachyra, A. Sędzikowska — Novel avian *Trypanosoma* haplotype identified in a Mallard Duck (*Anas platyrhynchos*)

M12 Daniel Barčák — D. Barčák, S. Salonová, J. Košuth, M. Oros — Temporal dynamics of trematode community in a recreational waterbody in western Slovakia

M13 Eva Špitalská — E. Špitalská, K. Palkovičová, T. Skalka, S. Tittel, M. Ličková, L. Škultéty — Q fever outbreak in Ráztočno, Slovakia, 2025

M14 Katarzyna Goździk — K. Goździk, K. Grono — Reassessing the role of dogs in *Neospora caninum* transmission on dairy farms in Poland

M15 Ján Čurlík — J. Čurlík, K. Bhide, D. Konjević, A. Vavreková, L. Koščová, M. Halán, P. Lazár — The ongoing spread of *Ashworthius sidemi* (Nematoda: Trichostrongylidae) in northeastern Slovakia

EVENING • 19:00

Welcome Ceremony

Tuesday, 22 September 2026

ECOLOGY & POPULATION BIOLOGY

Ecology and Population Biology of Parasites

Chairs: Andrei Mihalca, Andrea Vetešníková Šimková

09:00

★ KEYNOTE SPEAKER

Andrei Mihalca

The wildlife-livestock strongyle nemabiome: a hidden dimension of European bison conservation

09:45

* STUDENT COMPETITION

Ioana Bianca Mitrea

I. B. Mitrea, A. D. Iani, C. M. Gherman, C. D. Cazan, A. M. Ionică, Ș. O. Rabei, G. Deak, M. S. Cernea, V. Alexe, G. B. Chișamera, M. Marinov, A. D. Mihalca

Ancylostomatidae in carnivores from Romania: new host associations, haplotype diversity and presence of *Ancylostoma caninum*

10:00

Anna Maria Pyziel

A. M. Pyziel, K. Slivinska, R. Salamatin, J. Werszko, M. Kloch, M. Świątek, O. Zhytova, D. Klich

Between turbines and parasites: wind farm effects on gastrointestinal parasites of roe deer (*Capreolus capreolus* L.)

10:15

* STUDENT COMPETITION

Lívia Švantnerová

L. Švantnerová, O. Mikulka, I. Rudolf, M. Benovics

Parasites of raccoons in the Czech Republic

10:30

Alena Žáková

A. Žáková, M. Budíková, E. Bártová

Climate-driven predictors of zoonotic pathogen occurrence in wild small mammal populations in the Czech Republic

10:45

Dániel Vörös

D. Vörös, D. Boukal, C. Selbach, M. Soldánová

Data-driven ecological modeling of trematode species in a subarctic lake

11:00

* STUDENT COMPETITION

Kinga Lesiak

K. Lesiak, P. Ciapka, A. Cichy, A. Stanicka, J. Templin, J. Żbikowski, M. Augustyniak, E. Żbikowska

Does climate warming benefit the parasite or the host? Insights from the *Diplostomum pseudospathaceum*–*Lymnaea stagnalis* system



11:15 · Coffee break

11:35

Alena Lövy

A. Lövy, E. Lazárková, M. Lisnerová, H. Pecková, I. Fiala

How human impact shapes amoebae communities in freshwater ecosystem: an eDNA metabarcoding approach

11:50

Ivan Fiala

I. Fiala, M. Lisnerová, H. Pecková, A. Lövy, E. Lazárková, M. Bürgerová, G. Shira van Beest

Hidden parasites in changing rivers: eDNA metabarcoding reveals the impact of human disturbance

12:05

* STUDENT COMPETITION

Monika Bürgerová

M. Bürgerová, M. Lisnerová, I. Fiala

Tracking parasite diversity in an urban-impacted freshwater stream

12:20

* STUDENT COMPETITION

Joanna Urbaniak

J. Urbaniak

Invasive amphipods as a novel link in the transmission of oviduct fluke infection

12:35

Andrea Vetešníková Šimková

A. Vetešníková Šimková, E. Laval, M. Seifertová, L. Vetešník, M. Benovics

Parasite load and microbiota in crucian carp (*Carassius carassius*) threatened by the invasive activity of gibel carp (*Carasius gibelio*)

🕒 12:50 · Lunch break

TAXONOMY & BIODIVERSITY

Taxonomy, Systematics and Biodiversity of Parasites

Chairs: Piotr Tryjanowski, Louis du Preez

13:50

* KEYNOTE SPEAKER

Piotr Tryjanowski

Winged minds and hidden manipulators: parasites and cognition processes

14:35

Michal Benovics

M. Benovics, L. du Preez

Dwarves and giants of the African frog world - what do they hide within?

14:50

Michal Benovics

R. Bodžíková, C. Pantoja, P. Papežík, M. Benovics

Diversity and distribution of pleurogenid trematodes in European water frogs

15:05

Farshad Nejat

F. Nejat, M. Benovics, J. Vukić, R. Šanda, A. Vetešníková Šimková

Host switching drives diversification of *Dactylogyrus* in middle eastern Cyprinoid fishes

15:20

James Omondi Outa

J. Omondi Outa, O. Kudlai

Elusive and taxonomically problematic: unravelling the hidden diversity of blood flukes in freshwater fish from Lithuania

15:35

* STUDENT COMPETITION

Soňa Salonová

S. Salonová, D. Barčák, M. Orosová, A. Kiššová, Miroslav Urošević, D. Gombitová, M. Oros

Survey for fish helminths in the Danube River basin with focus on zoonotic species: first results

 15:50 · Coffee break

16:10

◆ INVITED SPEAKER

Louis du Preez

Polystomatid flatworms – Past, Present and Future

16:35

Iva Přikrylová

I. Přikrylová, P. S. Molokomme, L. P. Lukhele, A. Tripathi, J. R. Sara, W. J. Luus-Powell

Parasites associated with the ornamental fish industry: current status and emerging risks

16:50

James Omondi Outa

J. Omondi Outa, O. Kudlai, F. Jirsa

Trematodes of snails from Lake Victoria: diversity, new records, broad geographic connections and human health risks

17:05

Volodimir Sarabeev

V. Sarabeev, O. Lisitsyna, O. Greben, A. Rashydov, M. Oros

Hidden co-invasions and enemy release: contrasting helminth communities in native and invasive amphipod

17:20

Grzegorz Zaleśny

G. Zaleśny

More than meets the eye: cryptic diversity of Strigeidae trematodes revealed in swan populations

17:35

* STUDENT COMPETITION

Julia Gabrysiak

J. Gabrysiak, G. Kanarek, G. Zaleśny, J. Hildebrand

New insights into the diversity of *Australapatemon* and *Apatemon* species in Central Europe (Digenea, Strigeidae) - an integrative approach

17:50

Alžbeta Šujanová

A. Šujanová, J. Harl, T. Himmel, M. Duc, M. Pacheco, G. Valkiūnas

Exo-erythrocytic development and tissue tropism of *Haemoproteus* parasites in Eurasian blackcaps

18:05

Dragomir Damnjanović

D. Damnjanović, M. Lisnerová, M. Perlík, K. Svobodová, S. Nayak, A. Lövy, M. Burgerová, H. Pecková, Š. Zeman, J. Voťpka, I. Fiala, A. Krejčí, P. Bartošová-Sojková

Hidden in the honeycomb: Microsporidian and trypanosomatid parasites in bees identified by metabarcoding approach

Poster Discussion 18:20–18:45 (18 posters)

- TU1 Michal Čižmár** — A. Čerevková, M. Jakubcsiková, M. Čižmár, M. Renčo — Tree identity and seasonal dynamics as drivers of soil nematode functional structure in temperate forests
- TU2 Gerard Kanarek** — G. Kanarek, J. Gabrysiak, J. Hildebrand, G. Zaleśny — Freshwater leeches (Annelida: Hirudinea) as intermediate hosts for avian digenean parasites: a neglected link in the transmission of helminths in the water environment
- TU3 Jakub Kozica** — J. Kozica, M. Drážovská, K. Hudáková, L. Gogoľová, K. Franková, P. Petroušková, J. Lipinský, M. Prokeš, L. Korytár, A. Pelegrinová, M. Kostičák, P. Tryjanowski, A. Ondřejková — Dynamics of *Borrelia* spp. occurrence in ticks during spring and autumn in different environment
- TU4 Roman Onufriyenko** — R. Onufriyenko, M. Oros, O. Lisitsyna, M. Špakulová, V. Sarabeev — Long-term epizootic dynamics of *Pomphorhynchus tereticollis*: climatic lags, host buffering, and parasite-induced mortality in a warming lake
- TU5 Marek Renčo** — M. Renčo, E. Gömöryová, M. Čižmár, A. Čerevková — Nematode response to non-native black locust (*Robinia pseudoacacia* L.) at the regional scale
- TU6 Alena Žáková** — A. Žáková, H. Nejezchlebová, E. Bártová — Selective blood group-associated behavioural responses in *Ixodes ricinus* nymphs under controlled experimental conditions
- TU7 Ivanna Dmytriieva** — I. Dmytriieva, R. Svitin, R. Horlach, O. Marushchak, T. A. Kuzmina — Helminth diversity in the common frog *Rana temporaria* in Ukrainian and Lithuanian localities
- TU8 Oksana Greben** — O. Greben, O. Lisitsyna, Y. Syrota, T. A. Kuzmina — Morphological and molecular examination of *Gruitaenia latissima* (Cestoda; Dilepididae) from the Common Crane (*Grus grus*)
- TU9 Tetiana Kuzmina** — O. Marushchak, Y. Kuzmin, T. Brázová, E. Čisovská Bazsalovicsová, L. Juhássová, R. Svitin, I. Dmytriieva, T. A. Kuzmina — Helminth infection of the European common toad (*Bufo bufo*) in Slovakia and Ukraine
- TU10 Igor Majláth** — B. Pavlákova, V. Majláthová, G. Grzywacewski, P. Łapiński, I. Majláth — Blood parasites in *Emys orbicularis* from Lublin Voivodeship, Eastern Poland
- TU11 Farshad Nejat** — E. Řehulková, F. Nejat, A. Vetešníková Šimková — Hidden diversity of *Ligictaluridus* (Monopisthocotyla: Dactylogyridae) parasitizing North American ictalurid catfishes
- TU12 Mikuláš Oros** — L. Ihnacik, I. Papajová, J. Šmigová, I. Imrich, M. Oros — Endoparasite diversity in free living animals in Slovakia
- TU13 Natália Pipová** — N. Pipová, B. Pavlákova, M. Balogová, I. Majláth, P. Mikulíček, V. Majláthová — Blood parasites of water frogs (*Pelophylax esculentus* complex)
- TU14 Iva Přikrylová** — L. de Klerk, I. Přikrylová, N. J. Smit — Three's company: Introducing a new species of *Udonella* as a new epibiont on *Caligus tetradontis* off the coast of South Africa
- TU15 Jana Radzijeuskaja** — J. Radzijeuskaja, E. Kaminskienė, M. Stanko, A. Paulauskas — Species diversity of mesostigmatid mites (Acari: Mesostigmata) collected from small rodents in suburban habitats in Lithuania
- TU16 Yaroslav Syrota** — Y. Syrota, R. Svitin, V. Dupak, P. Komorová, Z. Hurníková, O. Greben, O. Lisitsyna, M. Miterpáková — Preliminary insights into the molecular phylogeny of *Microtetrameres* and *Tetrameres* (Nematoda: Tetrameridae), parasites of the avian proventriculus

TU17 **Andrea Vetešníková Šimková** — C. Rahmouni, I. Přikrylová, M. Seifertová, F. Nejat, A. Vetešníková Šimková — Multiple origins, secondary radiation, and morphological innovation of Nearctic *Gyrodactylus* (Platyhelminthes: Monogenea) revealed by global phylogenetic reconstruction

TU18 **Martyna Frątczak** — M. Frątczak, P. Tryjanowski — Beyond endocrine disrupting-compounds: parasites as overlooked modulators of hormonal balance and development in amphibians

Wednesday, 23 September 2026

LABUDA DAY

Labuda Day — Vectors and Vector-Borne Diseases

Chairs: Michiel Wijnveld, Viktória Majláthová

09:00

Information about the Labuda Day conference

09:05

♦ INVITED SPEAKER

Michiel Wijnveld

Borrelia and ticks, adaptive strategies

09:30

Alžbeta Šujanová

A. Šujanová, V. Rusňáková Taragel'ová, E. Gatiaľ, Z. Balogh, M. Derdák'ová, D. Selyem'ová, S. Purgat'ová

InfoTick: a citizen-science web platform for monitoring tick occurrence in Slovakia

09:45

* STUDENT COMPETITION

Slávka Purgat'ová

S. Purgat'ová, B. Mang'ová, D. Selyem'ová, Z. Krumpáľ'ová, M. Chvostá'č, Y. M. Didyk, P. Rajská, M. Kazimí'rová, V. Rusňáková Taragel'ová

Sympatric occurrence of five exophilic tick species in the Levice region (southwestern Slovakia) and their infection with tick-borne pathogens

10:00

Mária Kazimí'rová

M. Kazimí'rová, M. Ličková, Y. M. Didyk, B. Mang'ová, M. Chvostá'č, V. Rusňáková Taragel'ová, D. Selyem'ová, S. Fumač'ová Havlíková, V. Vaňová, P. Rajská, S. Purgat'ová, O. Zhovnerchuk

Monitoring tick-borne encephalitis foci in Slovakia based on tick collections and rodent trapping



10:15 · Coffee break

10:35

* STUDENT COMPETITION

Barbora Annerová

B. Annerová, B. Mang'ová, M. Chvostá'č, O. Zhovnerchuk, Y. M. Didyk

Hedgehogs as reservoirs of tick-borne pathogens in urban areas in western Slovakia

10:50

* STUDENT COMPETITION

Mária Poľanská

M. Poľanská, M. Chvostá'č, M. Kazimí'rová, B. Mang'ová, S. Purgat'ová, Y. Didyk, P. Rajská, V. Rusňáková Taragel'ová

Diversity and host-associated patterns of ectoparasites in wild ungulates from the Malé Karpaty Mountains (Slovakia)

11:05

* STUDENT COMPETITION

Margarida Ruivo

M. Ruivo, Y. Didyk, S. Purgat'ová, B. Mang'ová, M. Kazimí'rová, Ľ. Korytár, A. Ondrejková, M. Prokeš, J. Lipinský, M. Wijnveld

Improving the surveillance of zoonotic pathogens associated with bats in Central Europe

11:20

* STUDENT COMPETITION

Hena Comic

H. Comic, M. Ruivo, M. Wijnveld

Serotonin as a tool for artificial feeding of *Dermacentor marginatus* ticks based on silicon membranes

11:35

Viktória Majláthová

M. Bañas, L. Šofranková, L. Šimo, J. Kurimský, R. Cimbala, V. Majláthová, N. Pipová, I. Majláth

Tick behavior: electromagnetic radiation and pathogens

11:50

Algimantas Paulauskas

A. Paulauskas, D. Šakienė, A. Aleksandravičienė, L. Griciuvienė, V. Mažeika, R. Vaitkevičiūtė, J. Radzijeuskaja

Helminths and vector-borne pathogens in wild mustelids from the Baltic countries

Poster Discussion 12:05–12:30 (20 posters)

W1 Pavlína Bartíková — P. Bartíková, I. Štibrániová, D. Palenčár, J. Džubara, K. Donátová, M. Mladá, L. Kudlová, M. Benko — Optimisation of human skin explant culture conditions for the study of tick-borne encephalitis virus–skin interactions

W2 Katarzyna Bartosik — P. Błaszkiwicz, A. Błaszkiwicz, W. Maślanko, M. Asman, K. Bartosik — Increase in *Dermacentor reticulatus* (Acari: Ixodidae) abundance over a five-year period in an area unaffected by anthropogenic pressure in Eastern Poland

W3 Eva Bártoová — E. Bártoová, A. Žákovská, A. Pechová — Detection of selected pathogens in *Ixodes ricinus* ticks removed from children attending summer camps

W4 Eva Bártoová — E. Bártoová, H. Pavelková, L. Plecháčková, J. Kejnovská, K. Račka — Occurrence of *Rickettsia* spp. in *Ixodes ricinus* ticks in zoological gardens in the Czech Republic and Slovakia

W5 Eliška Fencáková — E. Fencáková, B. Pet'ko, I. Slepáková, I. Majláth, V. Majláthová — Ecology of vector-borne pathogens in Eastern Slovakia

W6 Eliška Fencáková — P. Faixová, E. Fencáková, I. Imrich, M. Oros, I. Majláth, I. Slepáková, V. Majláthová — Between ticks and wildlife: The ecology of infection

W7 Zuzana Hurníková — B. Víchová, M. Stanko, M. Miterpáková, Z. Hurníková, Y. Syrota, P. Schmer-Jakšová, P. Komorová, L. Vargová, V. Blažeková, D. Zubriková, K. M. Svirlochová, G. Chovancová — Rodent reservoirs of vector-borne pathogens in the High Tatras, Slovakia

W8 Alica Kočišová — A. Kočišová, A. Schreiberová, P. Šáteková — *Ochlerotatus excrucians* as a potential vector of *Dirofilaria immitis* in Slovakia

W9 Igor Majláth — N. Pipová, I. Majláth, E. Fencáková, B. Pet'ko, I. Slepáková, V. Majláthová — Behavior of pathogen-infected *Dermacentor* ticks

W10 Viktória Majláthová — V. Majláthová, E. Fencáková, N. Pipová, B. Pet'ko, I. Slepáková, I. Majláth — The expanding threat of *Dermacentor reticulatus*: pathogen and microbiome analysis

W11 Olga Pawełczyk — O. Pawełczyk, M. Kotela, J. Witecka, D. Kotela, R. Wojtyczka — Unexpected *Babesia canis* detection in *Ixodes ricinus* ticks collected from dogs in Silesia, Poland

W12 Branislav Pet'ko — B. Pet'ko, O. Kuchta, A. Tall, B. Kandra, D. Pavelková, M. Gomboš, I. Majláth, V. Majláthová — Soil moisture as an ecological factor in the spread of the tick *Dermacentor reticulatus*

- W13 Natália Pipová** — N. Pipová, E. Fencáková, I. Majláth, V. Majláthová — Urbanization shapes the prevalence of tick-borne pathogens
- W14 Jana Radzijeuskaja** — J. Radzijeuskaja, M. Razgūnaitė, K. Jankauskaitė, D. Mardosaitė-Busaitienė, B. Karvelienė, A. Paulauskas — Tick-borne pathogens in urban companion animals and their ticks in Lithuania
- W15 Veronika Rusňáková Taragel'ová** — V. Rusňáková Taragel'ová, D. Selyemová, B. Mangová, M. Chvostáč, S. Purgatová, Y. M. Didyk, O. Zhovnerchuk, A. Šujanová, P. Rajska, M. Derdaková — Current prevalence of *Borrelia burgdorferi* s.l. and seasonal activity of *Ixodes ricinus* ticks in Bratislava, Slovakia
- W16 Andrea Schreiberová** — A. Schreiberová, N. Janošková, L. Korytár, A. Kočišová — Avian haemosporidian parasites in culicoides biting midges from the bird ringing station Drienovec, Slovakia
- W17 Andrea Schreiberová** — A. Schreiberová, M. Halán, A. Kočišová, L. Molnár — First record of thelaziosis in the European Bison (*Bison bonasus*) from Poloniny National Park, Slovakia
- W18 Diana Selyemová** — D. Selyemová, M. Derdaková, M. Chvostáč, P. Rajska, S. Purgatová, V. Rusňáková Taragel'ová — Temporal dynamics of *Borrelia burgdorferi* sensu lato prevalence in two urban parks in Bratislava
- W19 Eva Špitalská** — M. Champetier, M. Ševčík, E. Špitalská — *Rickettsia* and rickettsia-like bacteria presence in bat obligate ectoparasites of the western part of the Old World
- W20 Yaroslav Syrota** — K. M. Švirlochová, B. Víchová, Y. Syrota, J. Oboňa, I. Heglasová, L. Vargová, M. Stanko, A. Csanády, E. Čisovská Bazsalovicsová, J. Čurlík, D. Zubriková — Occurrence of selected vector-borne pathogens in deer keds of the genus *Lipoptena* (Diptera: Hippoboscidae) in Slovakia

🕒 13:00 · Lunch break

EXCURSION · 14:00

Trip to Nestville Distillery

AFTERNOON · TBA

Meeting of the Slovak Society for Parasitology at SAS (upon return)

Thursday, 24 September 2026

EPIDEMIOLOGY & DIAGNOSTICS

Epidemiology, Diagnostics and Control of Parasitic Diseases

Chair: František Stejskal

09:00

★ KEYNOTE SPEAKER

David Carmena

Impact of the COVID-19 restrictions on the epidemiology of *Cryptosporidium* spp. in Spain

09:45

Lukáš Ihnacik

L. Ihnacik, I. Papajová, F. D. Javan, C. Anthonj, J. Šmigová, J. Foellmer, P. Janeka, P. Blišťan

Insights into marginalised roma settlements from an integrated geo socio parasitological assessment in eastern Slovakia

10:00

Anna Lass

A. Lass, I. Kontogeorgos, K. Baranowicz, B. Szostakowska, P. Karanis, X. Zhang

Detection of *Echinococcus multilocularis* in wastewater and water sources and possible implications for human health – 10 years of research experience in Poland and China

10:15

Roman Kuchta

Dibothriocephalus latus (diphyllobothriosis) in Europe

☕ 10:30 · Coffee break

10:50

Tomáš Macháček

T. Macháček, J. Procházka, Z. Bartoníček, R. Leontovyč, P. Pummann, J. Bulantová, P. Horák

Cercarial dermatitis in Czechia: Tracking avian schistosomes in the laboratory and in the field

11:05

Dorota Dwużnik-Szarek

D. Dwużnik-Szarek, R. Mysłajek, S. Nowak, I. Kwiatkowska, M. Figura, M. Szewczyk, K. Kurek, M. Jackowiak, E. J. Mierzejewska, M. Krokowska-Paluszak, P. Opalińska, Ł. Stańczak, G. Górecki, A. Bajer

Cestodes occurrence in wild carnivores (wolves, foxes and martens) in Poland

11:20

Kateryna Slivinska

K. Slivinska, M. Pękacz, E. M. Ganci, A. Vyniarska, U.-L. Hunda, A. Wesółowska, V. Kharchenko, A. Zawistowska-Deniziak

Molecular screening of dirofilariosis in dogs and cats along the Ukrainian border with European Union countries

11:35

* STUDENT COMPETITION

Kristína Kováčová

K. Kováčová, S. Blahút, Y. Syrota, M. Míterpáková, Z. Hurníková

Investigating the occurrence and species composition of *Eimeria* spp. in broiler chickens: The role of farm-related factors

11:50

Jaroslav Vadlejch

J. Vadlejch, A. Khlebnikova, L. Škorpíková, J. Ilgová

Multidrug resistance in strongylids of Bighorn Sheep: A case study from the Pilsen ZOO

☕ 12:15 · Lunch break

HOST-PARASITE & IMMUNOLOGY

Host-Parasite Interactions and Immunology

Chairs: David Carmena, Tomáš Macháček

13:15

Miroslava Soldánová

M. Soldánová, O. Tolstenkov, M. Benovics, P. Kundi, C. Pantoja, M. Oros, L. Konečný, C. Selbach

Do trematode infections alter anti-predator behaviour of intermediate hosts in a subarctic lake?

13:30

Robert Stryński

R. Stryński, E. Fiedorowicz, M. Maździarz, A. Niestępska, M. Stawicka, E. Łopieńska-Biernat

Transcriptomic reprogramming of intestinal epithelial cells by helminth extracellular vesicles: implications for early host-parasite interaction

13:45

* STUDENT COMPETITION

Agata Niestępska

M. Stawicka, A. Niestępska, R. Stryński

A dual-action modulator: extracellular vesicles from *Anisakis simplex* suppress pro-inflammatory signaling and induce antioxidant defenses

14:00

* STUDENT COMPETITION

Magdalena Stawicka

M. Stawicka, A. Dudek, P. Rutkowski, A. Niestępska, G. Jawilak, R. Stryński

Anisakis simplex-derived EVs reshape early inflammasome signalling in an in vitro model of intestinal inflammation

14:15

* STUDENT COMPETITION

Alicja Laskowska

A. Laskowska, M. Pękacz, K. Basałaj, A. Kalinowska, K. Sekuła, A. Zawistowska-Deniziak

Manipulating immune responses: chemokine modulation during *Fasciola hepatica* infection

14:30

Mateusz Pękacz

M. Pękacz, A. Laskowska, K. Basałaj, E. Carretón, R. Morchón, E. Ganci, M. Klockiewicz, A. Zawistowska-Deniziak

From zero to hero: uncovering immunobiology of *Dirofilaria repens*

14:45

Marta Maruszewska-Cheruiyot

M. Maruszewska-Cheruiyot, M. Machcińska, M. Kretshmer, K. Donskow-Łysoniewska, A. Bajer, R. Homanowski, P. Wrzodak-Zajdel, M. Komorowski, D. Dwużnik-Szarek

Impaired regulatory immune response in dogs naturally infected with *Babesia canis*

☕ 15:00 · Coffee break

15:20**Zuzana Fečová**

Z. Fečová, R. Gašparovičová, A. Marková, M. Orosová

Initial repeatome analysis of *Echinorhynchus borealis* (Acanthocephala): searching for novel cytogenetic markers**15:35**

* STUDENT COMPETITION

Romana Gašparovičová

R. Gašparovičová, Z. Fečová, M. Orosová

Research on *Khawia japonensis*: decoding the repeatome**15:50****Pavla Bartošová-Sojková**

P. Bartošová-Sojková, T. Dobai, S. Nayak, F. Dyčka, M. Horn, L. Bieliková, B. Kaščáková, G. G. Ferenczy, A. S. Holzer, Z. Franta

Blood on the menu: proteases-mediated hematophagy in the common carp pathogen *Sphaerospora molnari***16:05****Tomáš Macháček**

L. Jedličková, L. Konečný, J. Dvořák, P. Horák, T. Macháček

Tissue laser microdissection of infected mouse liver and intestine reveals true *Schistosoma mansoni* eggs-cretome**16:20**

* STUDENT COMPETITION

Tereza Dejmková

T. Dejmková, J. Votýpka, K. Poloprutská, P. Mikulíček

Unravelling the diversity of trypanosomes in European water frogs (*Pelophylax*) and their development in mosquitoes**Poster Discussion 16:40–17:05 (20 posters)****TH1 Barbora Fedorková** — B. Fedorková, A. Schreiberová, G. Štrkolcová — Host specificity and zoonotic potential of *Giardia duodenalis***TH2 Joanna Górska** — J. Górska, A. Lass — Prevalence of *Giardia intestinalis* in privately owned and shelter dogs from Pomeranian Voivodeship, Poland**TH3 Kinga Lesiak** — K. Lesiak, J. Urbaniak, R. Maciaszek, A. Cichy, E. Żbikowska, A. Stanicka — Imported ornamental molluscs as a source of invasive Digenea larvae: preliminary research results**TH4 Algimantas Paulauskas** — A. Paulauskas, M. Laukutė, I. Ražanskė, U. Medikaitė, L. Gričiuvienė, I. Lipatova, R. Špinkytė, J. Radzijevskaja — Molecular detection and serological evidence of protozoan parasites in free-ranging Grey Wolves (*Canis lupus*)**TH5 Karolina Sołowińska** — K. Sołowińska, L. Holec-Gąsior — Development of bacterial expression systems for the production of a novel *Borrelia burgdorferi* glycosaminoglycan-binding protein with potential diagnostic utility

- TH6 Karolina Sołowińska** — K. Sołowińska, L. Holec-Gąsior — Novel recombinant dense granule proteins in the detection of specific anti-*Toxoplasma gondii* IgG antibodies in sera of small ruminants
- TH7 Emília Dvorožňáková** — E. Dvorožňáková, M. Petrová, A. Kandričáková, A. Lauková — Cytokine production ex vivo of mice treated with postbiotic substances (Enterocins-like) and infected with *Echinococcus multilocularis*
- TH8 Emília Dvorožňáková** — E. Dvorožňáková, M. Petrová, A. Kandričáková, A. Lauková — Lymphocyte subpopulations in mice treated with postbiotic substances (Enterocins-like) and infected with *Echinococcus multilocularis*
- TH9 Anna Kandričáková** — A. Kandričáková, E. Dvorožňáková, M. Petrová, A. Lauková — Protective effect of postbiotic substances (Enterocins-like) from beneficial/probiotic strains on *Echinococcus multilocularis* infection
- TH10 Anna Kandričáková** — A. Kandričáková, M. Petrová, G. Hrčková, E. Dvorožňáková, A. Lauková — Modulatory effects of enterocin-producing strains on cytokine's expression and production in mice with alveolar echinococcosis
- TH11 Alica Kočišová** — S. Braun, A. Kočišová — Big flukes infecting small frogs: histopathological evidence of parasite host interactions in lung fluke infested *Occidozyga lima* frogs
- TH12 Kateryna Slivinska** — A. Wesołowska, K. Slivinska, K. Basaľaj, A. Laskowska, A. Kalinowska, M. Pękacz, A. Zawistowska-Deniziak, T. Pniewski, M. Przewoźnik, H. Pudelska, K. Karczmarzyk, M. Kęsik-Brodacka — Sheep oral vaccination against fasciolosis using plant-produced cysteine protease of *Fasciola hepatica* delivered via virus-like particles
- TH13 Lenka Koščová** — L. Koščová, M. Oros, D. Barčák, K. Holovská, J. Fedorčák, J. Koščo, J. Čurlík — Infection of Black bullhead with metacercariae of *Hysteromorpha triloba*
- TH14 Ondřej Kousal** — O. Kousal, T. Kozelková, V. Urbanová, P. Kopáček — Unraveling tick lipid metabolism
- TH15 Anna Marková** — A. Marková, V. Kulinich, A. Mášová, P. Abaffy, L. Valihrach — Unlocking parasite biology: comprehensive transcriptomic services at GeneCore facility
- TH16 Petra Matoušková** — P. Matoušková, N. Slaninová, L. Skálová — Can NHR-3 be part of the xenobiotic response mechanisms in *Haemonchus contortus*?
- TH17 Nikola Slaninová** — N. Slaninová, P. Matoušková, L. Skálová — Nuclear hormone receptors in *Haemonchus contortus*: transcriptomic profiling and optimization of ligand interaction analysis
- TH18 Viliam Šnábel** — V. Šnábel, T. A. Kuzmina, A. Königová, L. Burčáková, S. Cavallero, Y. Syrota, Z. Vasilková — Genetic diversity assessed in the equine ascarids from central-eastern Europe, with *Parascaris univalens* being the predominant species
- TH19 Anna Stachyra** — A. Stachyra, M. Pękacz, A. Laskowska, K. Basaľaj, A. Zawistowska-Deniziak — Exploring effector-like proteins in *Trichinella*: recombinant production of genus-specific immunoreactive candidates
- TH20 Anna Zawistowska-Deniziak** — A. Zawistowska-Deniziak — *Fasciola hepatica* FABP1 reprograms human dendritic cells through PPARy/RXR/AhR signaling to promote tolerogenic immune responses

Friday, 25 September 2026

09:00

Closing Ceremony featuring the awarding of winners in the Student Competition

Our Sponsors

The organisers gratefully acknowledge the support of the following institutions and companies, without whom this conference would not have been possible.

