

PROGRAM AT A GLANCE

<i>Sunday</i> 11.09.2022	<i>Monday</i> 12.09.2022	<i>Tuesday</i> 13.09.2022	<i>Wednesday</i> 14.09.2022	<i>Thursday</i> 15.09.2022
		<i>Registration</i> 08:00 – all day long	<i>Registration</i> 08:00 – all day long	
	<i>Registration</i> 08:00 – all day long	<i>The Young Researchers' Competition</i> Congress Auditorium 08:50 – 11:10	<i>Plenary Keynote</i> Congress Auditorium 09:00 – 10:30	
	<i>Opening Ceremony</i> Congress Auditorium 10:00 – 11:30	<i>Sponsor Presentation</i> 11:15 – 11:30	<i>Poster Sessions Session 3</i> Open Main Hall 10:30 – 11:30	<i>Closing Ceremony</i> Crimson Hall 09:00 – 10:00
<i>Registration</i> 16:00 – 19:30	<i>Coffee break</i> Open Main Hall 11:30 – 12:00	<i>Coffee break</i> Open Main Hall 11:30 – 12:00	<i>Coffee break</i> Open Main Hall 11:30 – 12:00	
	<i>Plenary Keynote</i> Congress Auditorium 12:00 – 13:30	<i>Oral presentations Session 2/ Session 4</i> Crimson Hall/Blue Hall 12:00 – 13:30	<i>Oral presentations Session 1/ Session 3</i> Blue Hall/Crimson Hall 12:00 – 13:30	<i>Goodbye Coffee</i> Open Main Hall 10:00 – 10:30
	<i>Lunch</i> Venue Buffet 13:30 – 14:30	<i>Lunch</i> Venue Buffet 13:30 – 14:30	<i>Lunch</i> Venue Buffet 13:30 – 14:30	
<i>Meeting of the Main Board of Polish Parasitological Society</i> Lemon Hall 17:30 – 19:30	<i>The General Meeting of Polish Parasitological Society</i> Congress Auditorium 14:30 – 17:00	<i>Oral presentations Session 2/ Session 4</i> Crimson Hall/Blue Hall 14:30–15:45/14:30–16:00	<i>Oral presentations Session 5/ Session 6</i> Blue Hall 14:30-15:30/15:30-16:45	<i>Trip around the Olsztyn at the end of the Congress</i> Meeting in front of the Venue building 10:30 – 14:00
	<i>Gala of the Polish Parasitological Society's Awards with banquet</i> Congress Auditorium 19:00 – 21:30	<i>Poster Sessions Session 2/ Session 4</i> Open Main Hall 15:45 – 17:00	<i>Oral presentations Session 3</i> Crimson Hall 14:30-17:00	
		<i>Tennis Tournament</i> Tennis courts at the Kortowskie Lake 17:00 – 19:00	<i>Poster Sessions Session 1, 5, 6</i> Open Main Hall 16:45 – 17:15	
		<i>Outdoor Social Meeting with dinner</i> TAFLA Restaurant, Heweliusza 28 Str. 19:30 – 23:00	<i>Gala Dinner</i> Hotel HP Park, Warszawska 119 Str. 19:00 – 01:00	

FRAMEWORK PROGRAM

Monday 12.09.2022	
10:00 – 11:30	Opening Ceremony of the XXIV Congress of Polish Parasitological Society <u>Congress Auditorium</u>
11:30 – 12:00	Coffee Break <u>Open Main Hall</u>
12:00 – 13:30	Plenary Keynote I <u>Congress Auditorium</u> Chairmen: Katarzyna Kubiak, Agnieszka Perec-Matysiak Professor Ewa Dzika “ <i>Monogenea – past – present – future</i> ” Professor Elżbieta Żbikowska “ <i>Freshwater snails in the transmission of parasitosis</i> ” Professor David B. Conn “ <i>Ultrastructure of extracellular vesicles and multivesicular bodies in Cestoda and Trematoda</i> ”
13:30 – 14:30	Lunch <u>Venue Buffet</u>

14:30 – 17:00	<p align="center">The General Meeting of the Polish Parasitological Society <u>Congress Auditorium</u></p>
19:00 – 21:30	<p align="center">Gala of the Polish Parasitological Society's Awards with banquet <u>Congress Auditorium</u></p>

Tuesday 13.09.2022	
08:50 – 11:10	<p align="center">Young Researchers' Competition <u>Congress Auditorium</u> Chairman: Joanna Hildebrand</p>
11:15 – 11:30	<p align="center">Sponsor Presentation <i>Jacek Patryn "Bio-Rad Laboratories: complete solutions for a parasites studies"</i> <u>Congress Auditorium</u></p>
11:30 – 12:00	<p align="center">Coffee Break <u>Open Main Hall</u></p>

<p>12:00 – 13:30</p>	<p>Session 2 Parasitological diagnostics, prevention, drugs and treatment. Part I <u>Crimson Hall</u> Chairmen: Ewa Dzika, Elżbieta Żbikowska</p>	<p>Session 4 Public health, zoonoses and anthropozoonoses, transmission diseases. Part I <u>Blue Hall</u> Chairmen: Maria Wesołowska, Ruslan Sałamatın</p>
<p>13:30 – 14:30</p>	<p>Lunch Venue Buffet</p>	
<p>14:30 – 16:00</p>	<p>Session 2 Parasitological diagnostics, prevention, drugs and treatment. Part II <u>Crimson Hall</u>, 14:30 – 15:45 Chairmen: Małgorzata Paul, Beata Szostakowska</p>	<p>Session 4 Public health, zoonoses and anthropozoonoses, transmission diseases. Part II <u>Blue Hall</u>, 14:30 – 16:00 Chairmen: Anna Bajer, Magdalena Nowak- Chmura</p>
<p>15:45 – 17:00</p>	<p>Poster Sessions S2, S4 <u>Open Main Hall</u></p>	
<p>17:00 – 19:00</p>	<p>Tennis Tournament <u>Tennis courts at the Kortowskie Lake</u></p>	

19:30 – 23:00	Outdoor Social Meeting with dinner <u>TAFLA Restaurant, Heweliusza 28 Str.</u>
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Wednesday 13.09.2022	
09:00 – 10:30	Plenary Keynote II <u>Congress Auditorium</u> Chairmen: Małgorzata Dmitryjuk, Remigiusz Gałęcki Professor Ana Domingos “ <i>Omic approaches towards tick and parasite vaccine development</i> ” Professor Daniel Młocicki “ <i>Impact of infection with Hymenolepis diminuta on exploratory behavior and cognitive processes in rats</i> ” Professor Xuenan Xuan “ <i>Babesia microti confers macrophage-based cross-protective immunity against malaria in rodent model</i> ”
10:30 – 11:30	Poster Sessions S3 <u>Open Main Hall</u>
11:30 – 12:00	Coffee Break <u>Open Main Hall</u>

<p>12:00 – 13:30</p>	<p>Session 1: Modern research tools in parasitology (molecular and omics studies, immunoparasitology). Blue Hall</p> <p>Chairmen: Ana Domingos, Daniel Młocicki</p>	<p>Session 3: Animal parasitoses: parasitoses of domesticated animals; the role of wild animals in spreading parasitoses; parasites of aquatic environments. Part I Crimson Hall</p> <p>Chairmen: Kateryna Slivinska, Vitalii Kharchenko, Tomasz Cencek</p>
<p>13:30 – 14:30</p>	<p style="text-align: center;">Lunch Venue Buffet</p>	
<p>14:30 – 17:00</p>	<p>Session 5: Influence of climate change and globalization on the occurrence of parasites and parasitic diseases. Blue Hall, 14:30 – 15:30</p> <p>Chairmen: Tetiana Kuzmina, Renata Welch-Fałęciak, David B. Conn</p>	<p>Session 3: Animal parasitoses: parasitoses of domesticated animals; the role of wild animals in spreading parasitoses; parasites of aquatic environments. Part II Crimson Hall, 14:30 – 17:00</p> <p>Chairmen: Marta Kołodziej-Sobocińska, Krzysztof Tomczuk, Zenon Sołtysiak</p>
	<p>Session 6: Taxonomy, biology and ecology of parasites. Blue Hall, 15:30 – 16:45</p> <p>Chairmen: Vasyl Tkach, Leszek Rolbiecki, Marcin Popiołek</p>	

16:45 – 17:15	<p>Poster Sessions S1, S5, S6 <u>Open Main Hall</u></p>
19:00 – 01:00	<p>Gala Dinner <u>Hotel HP Park, Warszawska 119 Str.</u></p>

Thursday 13.09.2022	
09:00 – 10:00	<p>Closing Ceremony <u>Crimson Hall</u></p>
10:00 – 10:30	<p>Goodbye Coffee <u>Open Main Hall</u></p>
10:30 – 14:00	<p>Trip around the Olsztyn at the end of the Congress <u>Meeting in front of the Venue building</u></p>

Oral Presentations (OP)
and
Plenary Keynotes (PK)

MONDAY, 12th September 2022

Plenary Keynote I
Congress Auditorium, 12:00 – 13:30

Chairmen: Katarzyna Kubiak, Agnieszka Perec-Matysiak

PK1 12:00 – 12:30

Professor Ewa Dzika

Department of Medical Biology, School of Public Health, Collegium Medicum, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland

Monogenea – past – present – future

PK2 12:30 – 13:00

Professor Elżbieta Żbikowska

Department of Invertebrate Zoology and Parasitology Nicolaus Copernicus University in Toruń, Toruń, Poland

Freshwater snails in the transmission of parasitoses

PK3 13:00 – 13:30

Professor David B. Conn

Department of Biology and One Health Center, Berry College, and Department of Invertebrate Zoology, Museum of Comparative Zoology, Harvard University, Mount Berry, Georgia and Cambridge, Massachusetts, United States

Ultrastructure of extracellular vesicles and multivesicular bodies in Cestoda and Trematoda

TUESDAY, 13th September 2022

Young Researcher's Competition

Congress Auditorium, 08:50 – 11:10

Chairman: Joanna Hildebrand

YRC1 08:50 – 09:10

Mustafa Al-Sarraf, Anna Bajer

*Genetic variation in *Dirofilaria repens* haplotypes from Poland and selected countries of Central and North-Eastern Europe and Middle East*

YRC2 09:10 – 09:30

Weronika Graźlewska, Lucyna Holec-Gąsior, Marinela Contreras Rojo

*Identification of immunodominant fragments of BmpA and BBK32 *Borrelia burgdorferi* sensu stricto antigens with the use of peptide microarray-based immunoassay*

YRC3 09:30 – 09:50

Julia Koczowska, Julia Żórańska, Renata Welc-Fałęciak

Borrelia and other tick-borne pathogens co-occurrence in Ixodes ricinus ticks collected from humans

YRC4 09:50 – 10:10

Anna Myczka, Zdzisław Laskowski

*Prevalence and genotyping of *Anaplasma phagocytophilum* strains from ungulates*

YRC5 10:10 – 10:30

Mateusz Pękacz, Katarzyna Basałaj, Anna Zawistowska-Deniziak

Subcutaneous dirofilariosis: evaluation of new diagnostic directions

YRC6 10:30 – 10:50

Karolina Sołowińska, Lucyna Holec-Gąsior, Bartłomiej Ferra

*Novel *Toxoplasma gondii* chimeric antigens - development and assesment of diagnostic value*

YRC7 10:50 – 11:10

Dagmara Wężyk

*Effect of *Dirofilaria repens* infection on blood parameters and cytokine expression level in healthy dogs and dogs infected with *Babesia canis**

TUESDAY, 13th September 2022

Session 2: Parasitological diagnostics, prevention, drugs and treatment. Part I

Crimson Hall, 12:00 – 13:30

Chairmen: Ewa Dzika, Elżbieta Żbikowska

S2OP1 12:00 – 12:15

Monika Roczeń-Karczmarz, Marta Demkowska-Kutrzepa, Paulina Leśniak, Leszek Guz, Krzysztof Puk, Klaudiusz Szczepaniak, Marta Studzińska, Krzysztof Tomczuk
*Natural compounds in the control of *Dermanyssus gallinae**

S2OP2 12:15 – 12:30

Małgorzata Lepczyńska, Ewa Dzika, Wenchieh Chen, Chien-Yu Lu, Joanna Korycińska
*The influence of proton pump inhibitors and histamine receptor 2 antagonists on *Blastocystis* ST3 and selected microorganisms of intestinal microbiota in vitro*

S2OP3 12:30 – 12:45

Anna Bogucka-Kocka, Przemysław Kołodziej, Monika Wujec
New synthetic compounds with nematicidal activity

S2OP4 12:45 – 13:00

Maria Studzińska, Klaudiusz Szczepaniak, Marta Demkowska-Kutrzepa, Monika Roczeń-Karczmarz, Krzysztof Tomczuk
Alternative methods of controlling intestinal nematodes in horses: in vitro studies

S2OP5 13:00 – 13:15

Karolina Rozbiewska, Agata Stapf, Izabella Rząd
Current parasite problems in small exotic and wild animals in veterinary practice in the West Pomeranian Voivodeship (2020-2022)

S2OP6 13:15 – 13:30

Iwona Polak, Robert Stryński, Elżbieta Łopieńska-Biernat
*Bioactivity screening of antiparasitic drugs on *Anisakis simplex* using metabolomic approach*

TUESDAY, 13th September 2022

Session 2: Parasitological diagnostics, prevention, drugs and treatment. Part II

Crimson Hall, 14:30 – 15:45

Chairmen: Małgorzata Paul, Beata Szostakowska

S2OP7 14:30 – 14:45

Marta Kicia, Bohumil Sak, Martin Kváč, Magdalena Szydłowicz, Andrzej B. Hendrich, Żaneta Zajączkowska

Encephalitozoon cuniculi and inflammation – another risk factor for infection?

S2OP8 14:45 – 15:00

Szymon Paweł Nowak, Małgorzata Paul

Platelet endothelial cell adhesion molecule type 1 (PECAM-1) in complicated malaria pathomechanism – role in the clinical course and prognosis of malaria imported to Poland

S2OP9 15:00 – 15:15

Marcin Padzik, Edyta Beata Hendiger, Lidia Chomicz, Marta Grodzik, Jarosław Grobelny, Jacob Lorenzo-Morales, Gabriela Ołędzka

Applying nanoparticles to contact lens solutions for reduction of amoebic adhesion in terms of prevention of Acanthamoeba eye infections

S2OP10 15:15 – 15:30

Konrad Perkowski, Monika Łazicka-Gałecka, **Wanda Baltaza**, David B. Conn, Paweł J. Zawadzki, Małgorzata Zadurska, Lidia Chomicz

Acanthamoeba spp. in oral microbiome of patients with impaired immunity and malformations treated due to masticatory system disorders

S2OP11 15:30 – 15:45

Lidia Chomicz, Beata Szostakowska, Jerzy Szaflik, Justyna Izdebska, Wanda Baltaza, David B. Conn, Jacek P. Szaflik

Severe course of Acanthamoeba keratitis incidents in Polish patients: assessment of factors affecting clinical, diagnostic and treatment management

TUESDAY, 13th September 2022

**Session 4: Public health, zoonoses and anthroozoonoses,
transmission diseases. Part I**

Blue Hall, 12:00 – 13:30

Chairmen: Maria Wesołowska, Ruslan Sałamatın

S4OP1 12:00 – 12:15

Monika Rudzińska, Beata Kowalewska, Beata Szostakowska, Małgorzata Waleron, Maciej Grzybek, Mirosław Kalicki, Katarzyna Sikorska, Agnieszka Świątalska
Zoonotic potential of Blastocystis infection – research on animals and their caregivers from Pomerania, Poland

S4OP2 12:15 – 12:30

Beata Szostakowska, Anna Lass, Maciej Grzybek, Emilia Załugowicz, Joanna Nowicka, Paweł Gładysz, Monika Rudzińska, Agnieszka Świątalska
Occurrence of Blastocystis in selected animals and environmental samples in northern Poland

S4OP3 12:30 – 12:45

Beata Szostakowska
Dirofilariosis - parasitic infection of increasing importance in Poland

S4OP4 12:45 – 13:00

Grzegorz Karbowski
The significance of Tabanidae and Hippoboscidae flies in the transmission of arthropod-borne pathogens.

S4OP5 13:00 – 13:15

Jacek Zwoliński, Violetta Zając, Anna Sawczyn-Domańska, Jacek Sroka, Anna Kloc, Angelina Wójcik-Fatla
Mathematical models used in the epidemiology of tick-borne diseases

S4OP6 13:15 – 13:30

Reem Turki Idan Rabeeah, Mahmood Almoalm
Detection of Toxoplasma gondii in Women from Different Iraqi Regions Suffering from Continuous Abortions

TUESDAY, 13th September 2022

**Session 4: Public health, zoonoses and anthroponoses,
transmission diseases. Part II**

Blue Hall, 14:30 – 16:00

Chairmen: Anna Bajer, Magdalena Nowak-Chmura

S4OP7 14:30 – 14:45

Adam Kaczmarek, Adrian Syta, Aleksandra Matras, Agata Stasiak, Ruslan Salamatin
Babesia sp. 'venatorum' in Polish blood donor: the first recorded

S4OP8 14:45 – 15:00

Renata Welc-Falęciak, Julia Koczowska, Olga Zdzienicka, Agnieszka Pawelczyk
Risk of Lyme borreliosis in human following Ixodes ricinus tick bite in Poland

S4OP9 15:00 – 15:15

Angelina Wójcik-Fatla, Anna Kloc, Anna Sawczyn-Domańska, Violetta Zając, Jacek Sroka,
Robert Chmura, Teresa Kłapeć
Occurrence of Borrelia burgdorferi s. l. in ticks removed from humans

S4OP10 15:15 – 15:30

Agnieszka Pawelczyk, Karol Perlejewski, Monika Kurowicka, Marcin Makowiecki, Marcin
Paciorek, Marek Radkowski, Tomasz Laskus, Renata Welc-Falęciak
Toxoplasma gondii and Borrelia burgdorferi s. l. in patients with encephalitis.

S4OP11 15:30 – 15:45

Violetta Zając, Anna Sawczyn-Domańska, Jacek Sroka, Anna Kloc, Jacek Zwoliński,
Angelina Wójcik-Fatla
Ixodes ricinus as a potential vector of Bartonella henselae – in vitro study

S4OP12 15:45 – 16:00

Małgorzata Bednarska, Katarzyna Tołkacz, Patrycja Antos, Renata Welc-Falęciak
Vertical transmission of Babesia microti - molecular studies in BALB/c mice and their offspring

WEDNESDAY, 14th September 2022

Plenary Keynote II

Chairmen: Małgorzata Dmitryjuk, Remigiusz Gałęcki

PK4 09:00 – 09:30

Professor Ana Domingos

Institute of Hygiene and Tropical Medicine/NOVA University of Lisbon, Lisbon, Portugal

Omic approaches towards tick and parasite vaccine development

PK5 09:30 – 10:00

Professor Daniel Mlocicki

Department of General Biology and Parasitology, Medical University of Warsaw, Warsaw, Poland and the Witold Stefanski Institute of Parasitology of the Polish Academy of Sciences, Warsaw, Poland

*Impact of infection with *Hymenolepis diminuta* on exploratory behavior and cognitive processes in rats*

PK6 10:00 – 10:30

Professor Xuenan Xuan

National Research Center for Protozoan Diseases, Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan

Babesia microti confers macrophage-based cross-protective immunity against malaria in rodent model

WEDNESDAY, 14th September 2022

Session 1: Modern research tools in parasitology (molecular and omics studies, immunoparasitology).

Blue Hall, 12:00 – 13:30

Chairmen: Ana Domingos, Daniel Młocicki

S1OP1 12:00 – 12:15

Anna Stachyra

*Preliminary evaluation of immunomodulatory effects of cystatin-like protein from *Trichinella britovi* on mouse splenocytes and bone marrow cells*

S1OP2 12:15 – 12:30

Sylwia Grzelak, Anna Stachyra, Justyna Bień-Kalinowska

*The *Trichinella britovi* recombinant proteins as potential diagnostic markers of trichinellosis in animals*

S1OP3 12:30 – 12:45

Katarzyna Goździk, Małgorzata Bednarska, Renata Welc-Falęciak

*The usefulness of multiplex PCR for the detection of nematode contaminations (*Ascaris*, *Toxocara*, *Trichuris*) in the sewage sludge*

S1OP4 12:45 – 13:00

Alicja Kalinowska, Joost M. Lambooj, Thiago A. Patente, Mateusz Pękacz, Maciej Łapiński, Katarzyna Basałaj, Bruno Guigas, **Anna Zawistowska-Deniziak**

**Fasciola hepatica* Fatty Acid Binding Protein 1 modulates T-cell polarization by promoting dendritic cell thrombospondin-1 secretion*

S1OP5 13:00 – 13:15

Marta Maruszewska-Cheruiyot, Maja Machcińska, Katarzyna Krawczak-Wójcik, Ludmiła Szewczak, Magdalena Kierasńska, Michael Stear, Katarzyna Donskow-Łysoniewska

*Nematode-derived Galectin universal activity – influence of *Teladorsagia circumcincta* Galectin (*Tc-Gal-1*) on various species cells*

S1OP6 13:15 – 13:30

Maciej Chyb, Bartłomiej Ferra, Malwina Kawka, Bożena Dziadek, Katarzyna Dzitko, Lucyna Holec-Gąsior, Justyna Gatkowska

*Vaccine potential of trivalent recombinant chimeric *Toxoplasma gondii* antigens*

WEDNESDAY, 14th September 2022

Session 3: Animal parasitoses: parasitoses of domesticated animals; the role of wild animals in spreading parasitoses; parasites of aquatic environments. Part I

Crimson Hall, 12:00 – 13:30

Chairmen: Kateryna Slivinska, Vitalii Kharchenko, Tomasz Cencek

S3OP1 12:00 – 12:15

Kateryna Slivinska, Vitaliy Kharchenko, Denis Vishnevsky
Coprological survey of the wild ungulates in the Chornobyl Exclusion Zone

S3OP2 12:15 – 12:30

Grzegorz Karbowski, Joanna Werszko, Tomasz Szewczyk
The medical and epidemiological significance of the bloodsucking flies from the Tabanidae and Hippoboscidae families, and their potential role in the transmission of pathogens.

S3OP3 12:30 – 12:45

Joanna Nowicka, Daniela Antolová, Anna Bajer, Jerzy Behnke, Maciej Grzybek
*The role of ground beetles as intermediate hosts for *Mastophorus muris**

S3OP4 12:45 – 13:00

Anna Maria Pyziel- Serafin, **Adrianna Raboszuk**, Daniel Klich, Blanka Orłowska, Dagmara Sierociuk, Krzysztof Anusz
Coprological study on endoparasites of alpacas kept in Poland; comparison of two centrifugal techniques

S3OP5 13:00 – 13:15

Blanka Orłowska, Grzegorz Karbowski, Joanna Werszko, Mateusz Pękacz, Anna Rodo, Wojciech Bielecki, Anna Pyziel-Serafin, Krzysztof Anusz
*Sever, fatal mange in the *Huacaya alpaca* (*Vicugna pacos*) - a case report*

S3OP6 13:15 – 13:30

Martyna Krupińska, Daniela Antolová, Katarzyna Tołkacz, Aneta Strachecka, Aleksander Goll, Joanna Nowicka, Katarzyna Baranowicz, Jerzy M. Behnke, Maciej Grzybek
*Grassland versus woodland dwelling rodents as indicators of environmental contamination with the zoonotic nematode *Toxocara canis**

WEDNESDAY, 14th September 2022

Session 3: Animal parasitoses: parasitoses of domesticated animals; the role of wild animals in spreading parasitoses; parasites of aquatic environments. Part II

Crimson Hall, 14:30 – 17:00

Chairmen: Marta Kołodziej-Sobocińska, Krzysztof Tomczuk, Zenon Sołtysiak

S3OP7 14:30 – 14:45

Marta Kołodziej-Sobocińska, Eliza Kondzior, Tomasz Borowik, Rafał Kowalczyk
Multispecies reservoir of Spirometra erinaceieuropaei (Diphyllobothridae) in carnivore community and factors affecting its spread in NE Poland

S3OP8 14:45 – 15:00

Krzysztof Tomczuk, Klaudiusz Szczepaniak, Maria Studzińska, Marta Demkowska-Kutrzepa, Monika Roczeń-Karczmarz
Neosporosis in cattle herds in the Lublin province

S3OP9 15:00 – 15:15

Emilia Załugowicz, Anna Lass, Karolina Baranowicz, Paweł Gładysz
Comparison of methods for detecting Echinococcus multilocularis eggs from dog stools

S3OP10 15:15 – 15:30

Aleksandra Cybulska, Aleksandra Kornacaka-Stackonis, Justyna Biń-Kalinowska, Katarzyna Goździk, Władysław Cabaj, Tomasz Szewczyk, Zdzisław Laskowski, Aleksander Demiaszkiewicz, Marcin Popiołek, Maciej Grzybek, Maciej Wierzchoń, Bożena Moskwa
The occurrence of Trichinella spp. nematodes in free-living animals in Poland - a never ending story

S3OP11 15:30 – 15:45

Marta Demkowska-Kutrzepa, Monika Roczeń-Karczmarz, Izabella Rząd, Alicja Laska, Klaudiusz Szczepaniak, Maria Studzińska, Krzysztof Tomczuk
Molecular assessment of the species diversity of hookworms in Poland

S3OP12 15:45 – 16:00

Mirosław Mariusz Michalski

Comparative assessment of two tick species composition: Ixodes ricinus and Dermacentor reticulatus removed from dogs in the urban area of Olsztyn (from 2009 to 2021)

SCIENTIFIC PROGRAM

S3OP13 16:00 – 16:15

Anna Kocoń, Marek Asman, Joanna Witecka, Magdalena Nowak-Chmura
Risk of exposure of dogs and domestic cats to tick infestation and their epidemiological role in the transmission of tick-borne disease pathogens in southern Poland

S3OP14 16:15 – 16:30

Jacek Sroka, Angelina Wójcik-Fatla, Violetta Zając, Jacek Karamon, Maciej Kochanowski, Joanna Dąbrowska, Weronika Korpysa-Dzirba, Jolanta Zdybel, Weronika Piotrowska, Tomasz Cencek
*Occurrence of *Toxoplasma gondii* infection among free-living small mammals in the Lublin Province*

S3OP15 16:30 – 16:45

Marta Gałazka, Anna Didkowska, Krzysztof Anusz, Anna Pyziel-Serafin
The importance of parasitic monitoring in the diagnostics and the course of bovine tuberculosis in ungulates – potential influence on the tuberculosis diagnostics in European bison

S3OP16 16:45 – 17:00

Agnieszka Kaupke, Zbigniew Osiński, **Artur Rzeżutka**
*Molecular epidemiology of *Cryptosporidium* infections in pigs in Poland*

WEDNESDAY, 14th September 2022

Session 5: Influence of climate change and globalization on the occurrence of parasites and parasitic diseases.

Blue Hall, 14:30 – 15:30

Chairmen: Tetiana Kuzmina, Renata Welc-Fałęciak, David B. Conn

S5OP1 14:30 – 14:45

Tetiana Kuzmina, Oleksander O. Salganskiy, Igor Dykyy, Olga Lisitsyna, Eleonora Korol, Yuriy Kuzmin

Helminths of teleost fishes from the area of the Ukrainian Antarctic station “Akademik Vernadsky”: species diversity and parasite community structure

S5OP2 14:45 – 15:00

Anna Cichy, Anna Stanicka, Elżbieta Żbikowska

*The New Zealand mudsnail, *Potamopyrgus antipodarum* (Grey, 1843) (Gastropoda: Tateidae), dilutes the prevalence of native lymnaeids with echinostome trematodes*

S5OP3 15:00 – 15:15

Anna Bajer, Ana Beck, Relja Beck, Jerzy M. Behnke, Dorota Dwuźnik-Szarek, Ramon M. Eichenberger, Robert Farkas, Hans-Peter Fuehrer, Mike Heddergott, Pikka Jokelainen, Michael Leschnik, Valentina Oborina, Algimantas Paulauskas, Jana Radzijeuskaja, Renate Ranka, Manuela Schnyder, Andrea Springer, Christina Strube, Katarzyna Tołkacz, Julia Walochnik
Human and animal Babesiosis as emerging and re-emerging tick-borne disease in Central, North and North-eastern Europe

S5OP4 15:15 – 15:30

Remigiusz Gałęcki, Xuenan Xuan, Tadeusz Bakula

Migration of deer keds to urban agglomerations - a case study

WEDNESDAY, 14th September 2022

Session 6: Taxonomy, biology and ecology of parasites.

Blue Hall, 15:30 – 16:45

Chairmen: Vasyl Tkach, Leszek Rolbiecki, Marcin Popiołek

S6OP1 15:30 – 15:45

Vasyl V. Tkach, Tyler J. Achatz

Walking with dinosaurs: phylogeny, biogeography and host associations of the Proterodiplostomidae

S6OP2 15:45 – 16:00

Joanna Werszko, Konrad Wilamowski, Sławomir Bakier, **Anna Maria Pyziel-Serafin**

First report on Haemonchus contortus (Nematoda: Trichostrongylidae) in ground beetle, Carabus granulatus (Coleoptera: Carabidae)

S6OP3 16:00 – 16:15

Grzegorz Zaleśny, Elżbieta Kowalska

Host specificity or life strategy - what drives the successful infection? A story tale of two little snails

S6OP4 16:15 – 16:30

Joanna Hildebrand, Ewa Pyrka, Julia Gabrysiak, Witold Jeżewski, Anna Cichy, Anna Stanicka, Elżbieta Żbikowska, Grzegorz Zaleśny, Gerard Kanarek

Genetic diversity of the larval stages of strigeid trematodes – taxonomical and evolutionary consequences

S6OP5 16:30 – 16:45

Mohammed Adnan Al-Badrani, **Shamal Abdullah Al-Muffti**

Phylogenetic analysis of chewing lice infested pigeons (Columba livia domestica) with new records in Kurdistan of Iraq

Poster Presentations (PP)

TUESDAY, 13th September 2022

Session 2: Parasitological diagnostics, prevention, drugs and treatment.

Open Main Hall, 15:45 – 17:00

Chairmen: Ewa Dzika, Elżbieta Żbikowska, Małgorzata Paul, Beata Szostakowska

S2PP1

Weronika Buczek, Alicja M. Buczek, Tomasz Lenartowicz, Katarzyna Bartosik, Alicja Buczek

Preliminary studies on the effect of insect repellent IR3535 on the feeding behaviour of Dermacentor reticulatus (Ixodida: Ixodidae) ticks from the south-eastern Polish population

S2PP2

Aldona Gajek, Anna Lass, Karolina Baranowicz, Krzysztof Korzeniewski

Occurrence of pathogenic intestinal protozoan parasites in asymptomatic school children from Balkan region

S2PP3

Remigiusz Gałęcki, Tadeusz Bakula

Tenebrio molitor- new farm animal that might be the potential carrier of parasites

S2PP4

Katarzyna Góralska, Małgorzata Szybka, Filip Karuga, Dorota Pastuszek-Lewandoska, Ewa Brzezińska-Lasota

Cross-resistance of Candida spp. – search for potential mechanisms

S2PP5

Lucyna Holec-Gąsior, Bartłomiej Ferra, Karolina Sołowińska

Development of a chemiluminescent ELISA based on trivalent chimeric recombinant proteins for detection of specific Toxoplasma gondii antibodies in sera from different parasite hosts

S2PP6

Przemysław Kołodziej, Janusz Kocki, Krzysztof Wiktor, Henryk Wiktor, Anna Bogucka-Kocka

The profile of gene expression related to the PIK3CA / AKT / mTOR pathway in pregnant women with seropositivity for IgG anti-Toxoplasma gondii antibodies

S2PP7

Maria Michalczyk, Agata Prątnicka, Rajmund Sokół

Endoparasites in selected species of birds of prey used for falconry

S2PP8

Alla Vyniarska, Tetiana Kuzmina

Parasites of domestic horses of Tori and Hutsul breeds from Western Ukraine and methods of their control

S2PP9

Żaneta Zajączkowska, Martin Kváč, Magdalena Szydłowicz, Andrzej B. Hendrich, Bohumil Sak, Marta Kicia

Prevalence of Cryptosporidium spp. among different groups of patients - are there alternative risk factors potentially predisposing them for Cryptosporidium infection?

S2PP10

Marta Ziaja-Soltys, Przemysław Kołodziej, Dawid Stefaniuk, Anna Matuszewska, Magdalena Jaszek, Anna Bogucka-Kocka

Low-Molecular-Weight secondary metabolites from fungi: Cerrena unicolor as a new proposal of an effective preparation against Rhabditis nematodes

TUESDAY, 13th September 2022

**Session 4: Public health, zoonoses and anthroponoses,
transmission diseases. Part II**

Open Main Hall, 15:45 – 17:00

Chairmen: Maria Wesołowska, Anna Bajer, Magdalena Nowak-Chmura, Ruslan Salamatin

S4PP1

Marek Asman, Justyna Jakubas-Zawalska, Joanna Witecka, Krzysztof Solarz
The first statement of Haemaphysalis concinna in Świnoujście (North-West Poland)

S4PP2

Karolina Baranowicz, Anna Lass, Krzysztof Korzeniewski
Occurrence of Blastocystis in school children living in Kosovo

S4PP3

Joanna Hildebrand, **Katarzyna Buńkowska-Gawlik**, Izabella Myśliwy, Kacper Jurczyk,
Klaudia Wojtków, Aleksandra Grzesiak, Marcin Popiołek, Agnieszka Perec-Matysiak
Wild living mesocarnivores as competent or reservoir hosts for vector-borne pathogens

S4PP4

Magdalena Szczotko, Katarzyna Kubiak, Leonardo Moreira, Sandra Antunes, Ana Domingos,
Małgorzata Dmitryjuk
Neoehrlichia mikurensis, an emerging tick-borne pathogen in the north-eastern Poland: a preliminary screening

S4PP5

Leonardo Moerbeck, Rita Velez, Gonçalo Seixas, Ana Sofia Santos, **Ana Domingos**, Sandra Antunes
Ixodes ricinus from Portugal mainland: Tick-borne pathogens and an insight of its microbiota

S4PP6

Monika Dybicz, Marta Tokaj, Albert Gandurski, Michał Jerzak
Molecular identification of Taenia spp. and Echinococcus spp. larvae isolated from pigs

S4PP7

Aleksandra Czułowska, **Dorota Kiewra**
The prevalence of Rickettsia spp. in questing Dermacentor reticulatus (Fabricius, 1794) in the newly emerging population of Lower Silesia, SW Poland

SCIENTIFIC PROGRAM

S4PP8

Anna Kocoń, Dominika Maron, Marek Asman, Magdalena Nowak-Chmura, Joanna Witecka, Sylwia Koczanowicz

New outbreaks of selected zoonotic tick-borne diseases in mountainous areas of southern Poland

S4PP9

Joanna Korycińska, Małgorzata Lepczyńska, Ewa Dzika

Trichobilharzia species in recreational water in north-eastern Poland

S4PP10

Katarzyna Kubiak, Hanna Szymańska, Janina Dziekońska-Rynko, Agnieszka Tylkowska, Ewa Dzika

Rickettsia spp. in adult Dermacentor reticulatus ticks in urban and natural biotopes of north eastern Poland

S4PP11

Anna Lass, Emilia Bylicka-Szczepanowska, Karolina Baranowicz, Beata Szostakowska, Krzysztof Korzeniewski

Molecular detection of Plasmodium spp. in population of symptomatic BaAka Pygmies Living in the rural Dzanga Sangha region of the Central African Republic

S4PP12

Magdalena Szczotko, Małgorzata Dmitryjuk

Preliminary studies on the prevalence of the selected pathogens in ticks collected from pets living in households and in shelter

S4PP13

Aleksandra Sędzikowska, Renata Przydatek-Tyrajska, Katarzyna Bartosik

Sharing cosmetics as a route of Demodex mites infection

S4PP14

Maria Wesółowska, Marcin Suszczyński, Adam Kaczmarek, Rusłan Sałamatin

Urban population of Norway rats, Rattus norvegicus, as a reservoir of Blastocystis, in Wrocław, Poland

WEDNESDAY, 14th September 2022

Session 3: Animal parasitoses: parasitoses of domesticated animals; the role of wild animals in spreading parasitoses; parasites of aquatic environments.

Open Main Hall, 10:30 – 11:30

Chairmen: Kateryna Slivinska, Marta Kołodziej-Sobocińska, Vitalii Kharchenko, Tomasz Cencek, Krzysztof Tomczuk, Zenon Sołtysiak

S3PP1

Marta Basiaga, Marek Wajdzik, Maciej Lesiak, Jerzy Kowal
*Parasites of marten (*Martes sp.*) from Beskid Sądecki mountains*

S3PP2

Beata Biernat, Karolina Baranowicz, Anna Lass
*Toxoplasma gondii in red foxes (*Vulpes vulpes*) from northern Poland. Preliminary results*

S3PP3

Katarzyna Buńkowska-Gawlik, Aleksandra Rygas, Patrycja Jaroszek, Szymon Rawiak, Bartłomiej Dudek, Agnieszka Perec-Matysiak
*Molecular identification of parasites in the stool samples of Svalbard reindeer (*Rangifer tarandus platyrhynchus*) from Spitsbergen*

S3PP4

Dorota Dwuźnik-Szarek, Mateusz Jackowiak, Anna Bajer
*Role of red foxes as a zoonotic reservoir of *Cryptosporidium* and *Giardia* in Warsaw parks*

S3PP5

Katarzyna Filip-Hutsch, Magdalena Świśłocka, Anna Myczka, Aleksander Demiaszkiewicz, Grzegorz Karbowski, Joanna Werszko
*Molecular detection of *Trypanosoma* spp. in Eurasian moose (*Alces alces*) in Poland*

S3PP6

Remigiusz Gałęcki, Tadeusz Bakula, David B. Conn
*Prevalence of *Cryptosporidium* spp. in dung beetles inhabiting cervid faeces in pastures*

S3PP7

Michał Gorczykowski, Wiesław Bielas, Marianna Gemra, Jolanta Piekarska
*Prevalence of *Trypanosoma (Megatrypanum) theileri* in cattle in Lower Silesia (Poland)*

SCIENTIFIC PROGRAM

- S3PP8**
- Agnieszka Kaupke**, Artur Rzeżutka
Cryptosporidium infections in cattle in Poland: A cross-sectional population study
- S3PP9**
- Anna Kloc**, Angelina Wójcik-Fatla, Anna Sawczyn-Domańska, Violetta Zając
Research on the prevalence of Theileria spp. in ticks in Eastern Poland
- S3PP10**
- Aleksandra Kornacka-Stackonis**, Bożena Moskwa, Adam Olszewski, Krzysztof Anusz, Blanka Orłowska
A presence of Toxoplasma gondii in European grey wolf (Canis lupus) and brown bear (Ursus arctos) from Poland
- S3PP11**
- Jerzy Kowal**, Elżbieta Łopieńska-Biernat, Gabriela Chovancova, Anna Wyrobisz-Papiewska
Marshallagia sp. and unique Tatra Chamois (Rupicapra rupicapra tatrica, Blehout 1972) - M. marshalli or neglected M. brigantiaca?
- S3PP12**
- Agnieszka Perec-Matysiak**, Kamila Kot, Weronika Hildebrand, Joanna Hildebrand, Katarzyna Buńkowska-Gawlik
Recreational horses as hosts of protozoan and nematode parasites
- S3PP13**
- Jolanta Piekarska**, Jarosław Pacoń, Michał Gorczykowski
Parasitofauna of the gastrointestinal tract of sheep occurring during the farming cycle of meat-type lambs
- S3PP14**
- Kateryna Slivinska**, Jakub Gawor, Marta Siemieniuch, Zbigniew Wróblewski
Infections of gastrointestinal worms in Polish primitive horses (Equus caballus gmelini Ant.) in two breeding centers
- S3PP15**
- Piotr Solarczyk**, Anna Sułek-Stankiewicz, Artur Trzebny, Mirosława Dabert, Agnieszka Wojtkowiak-Giera, Lukasz Skrzypczak, Anna Słodkiewicz-Kowalska, Monika Derda
Dispersion of Cryptosporidium, Cyclospora, Giardia and microsporidians by migrating waterfowl in Wielkopolska region, Poland
- S3PP16**
- Zenon Sołtysiak**, Natalia Osten-Socken, Jędrzej M. Jaśkowski, Marek Gehrke
Chronic Sternostomosis in Amadine birds (Peophila gouldiae)
- S3PP17**
- Zenon Sołtysiak**, Natalia Osten-Socken, Jędrzej M. Jaśkowski, Marek Gehrke
Metastrongylosis and ascariasis in a wild boar weaner. A case report

SCIENTIFIC PROGRAM

S3PP18

Małgorzata Samorek-Pieróg, Jacek Karamon, Adam Brzana, Lesław Sobieraj, Mariusz Włodarczyk, **Jacek Sroka**, Tomasz Cencek

First case of cysticercosis by Taenia crassiceps in a captive non-human primate (Lemur catta) in Poland

S3PP19

Magdalena Szydłowicz, Marta Kicia, Żaneta Zajączkowska, Julia Rozmus, Mateusz Kamiński, Michał Maciejewski, Andrzej B. Hendrich, Bohumil Sak, Martin Kváč

Zoonotic pathogens in shelter dogs as a potential source of human infection

S3PP20

Anna Wyrobisz-Papiewska, Jerzy Kowal, Weronika Rynkiewicz, Marek Wajdzik, Maciej Lesiak, Paweł Nosal

Distinct habitats as a determinant of roe deer abomasal nematode communities – a preliminary study

S3PP21

Katarzyna Szopieray, Julita Templin, Janusz Żbikowski, **Elżbieta Żbikowska**

Gastrointestinal parasites of alpacas (Vicugna pacos) raised in Poland and their zoonotic potential

S3PP22

Katarzyna Mierzejewska, Maciej Błażejewski

Parasites of newly introduced fish species and European perch decade post coexistence in Włocławek Reservoir on the Vistula River

WEDNESDAY, 14th September 2022

Session 1: Modern research tools in parasitology (molecular and omics studies, immunoparasitology).

Open Main Hall, 16:45 – 17:15

Chairmen: Ana Domingos, Daniel Młocicki

S1PP1

Agnieszka Wojtkowiak-Giera, **Monika Derda**, Joanna Walczykiewicz, Agnieszka Kolasa-Wołoskiuk, Danuta Kosik-Bogacka, Piotr Solarczyk, Anna Słodkiewicz-Kowalska

TLR4 receptor and their role in the expression during cutaneous acanthamoebiasis in immunosuppressed mice

S1PP2

Magdalena Dzikowiec, Ewa Brzezińska-Lasota, Dorota Pastuszek-Lewandoska

Gastric cancer - analysis of SMOX gene expression and connection with Helicobacter pylori infection

WEDNESDAY, 14th September 2022

Session 5: Influence of climate change and globalization on the occurrence of parasites and parasitic diseases.

Open Main Hall, 16:45 – 17:15

Chairmen: Tetiana Kuzmina, Renata Welc-Fałęciak, David B. Conn

S5PP1

Olga Pawelczyk, Paulina Bubel, Marek Asman, Joanna Witecka, Agnieszka Bugaj-Nawrocka, Damian Kotela, Krzysztof Solarz

The unexpected record of the ornate dog ticks parasitism on an indigenous dog from Dermacentor reticulatus-free zone in Poland

S5PP2

Izabella Rząd, Przemysław Czerniejewski, Remigiusz Panicz, Ewa Dzika, Piotr Eljasik, Adam Brysiewicz, Lucyna Kirczuk, Katarzyna Dziewulska, Agata Stapf

Parasites of the stone moroko Pseudorasbora parva (Temminck and Schlegel, 1846) in the River Wardynka (north-western Poland)

WEDNESDAY, 14th September 2022

Session 6: Taxonomy, biology and ecology of parasites.

Open Main Hall, 16:45 – 17:15

Chairmen: Vasyl Tkach, Leszek Rolbiecki, Marcin Popiołek

S6PP1

Alicja M. Buczek, Ewa Barańska, Weronika Buczek, Katarzyna Bartosik, Dariusz Ciura, **Alicja Buczek**

Preoviposition and oviposition of female Ixodes ricinus (L., 1758) (Ixodida: Ixodidae) at different levels of humidity under laboratory conditions

S6PP2

Julia Gabrysiak, Witold Jeżewski, Anna Stanicka, Anna Cichy, Elżbieta Żbikowska, Gerard Kanarek, **Joanna Hildebrand**

Hyperparasitism among Digenea - new aspects of this phenomenon

S6PP3

Joanna N. Izdebska, Leszek Rolbiecki

Progress and perspectives of research on skin and tissue mites of the family Demodecidae (Acariformes, Prostigmata)

S6PP4

Witold Jeżewski, Julia Gabrysiak, Gerard Kanarek, Joanna Hildebrand

Furcocercariae of aquatic snails (Lymnaeidae and Planorbidae) from selected locations in Central Poland

S6PP5

Paulina Kozina, Joanna N. Izdebska

The co-occurrence of Hoplopleura and Polyplax lice - analysis of the causes of the phenomenon

S6PP6

Aneta Woźniak, Zbigniew Zająć, Joanna Kulisz, Katarzyna Bartosik

Repetitive host-seeking activity of adult Dermacentor reticulatus ticks under natural conditions

S6PP7

Joanna Kulisz, Zbigniew Zająć, Aneta Woźniak, Katarzyna Bartosik

Do lipid compounds influence host seeking behavior in ticks?