ÖGTPM
Österreichische Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin

# 55. Jahrestagung/

# *55th Annual conference*

# Shared Habitats, Shared Risks: Health at the Interface of Humans and Animals

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# WISSENSCHAFTLICHES PROGRAMM/

# *SCIENTIFIC PROGRAM*

**Thursday, 03 December 2026**

08:00–09:00, Registrierung/*Registration*

**09:00–09:10, Welcome and Introduction – Chair: Hans-Peter Fuehrer**

**Session 1: Klinische Tropenmedizin/*Clinical Tropical Medicine***

**09:10–10:00, PLENAR: Em. Prof. Erich Schmutzhard** – Med. Univ. Innsbruck (Verleihung der Ehrenmitgliedschaft und Gastvortrag) –

50 years of Tropical Medicine/Neurology meet 30 years of Critical Care Medicine/Neurology

10:00–10:30, Kaffeepause/*Coffee break*

**10:30–13:00, Klinische Tropenmedizin/*Clinical Tropical Medicine***

**Chairs: Mirjam Groger/Michael Ramharter**

10:30–10:45, Michael Ramharter - *Loa loa* – the African Eye Worm: Current understanding and future perspectives for treatment and control of loiasis

10:45–11:00, Augusto Cezar Meneguim - Association between different forms of undernutrition and treatment failure among children and adults with laboratory-confirmed malaria treated with pyronaridine-artesunate in Côte d'Ivoire: a retrospective cohort study

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11:00–11:15, Augusto Cezar Meneguim - Association between number of previous malaria episodes and treatment failure among children and adults with laboratory-confirmed *Plasmodium* infection treated with pyronaridine-artesunate in Gabon: a retrospective cohort study

11:15–11:30, Shahbaz Ul Haq - Parasitic Drugs as Adjuvants: Artemisinin Derivatives Against Multidrug-Resistant Bacteria

*11:30–11:45, Dawit Getachew Assefa - Spatial and environmental correlates of trachomatous inflammation–follicular among children aged 1–9 years in Ethiopia: a national multilevel, geospatial, and machine learning analysis, 2007–2026

11:45–12:00, Muhammad Tahir Aleem - Targeting Reproductive Signaling Pathways in *Trichinella spiralis*: Novel One Health Strategies for Prevention and Control of a Foodborne Zoonotic Disease

12:00–13:00, Mittagspause/*Lunch break* (Meeting der Vektorengruppe)

**13:00–14:00, Poster session (siehe Seite 12/see page 12)**

**Chairs: Katharina Platzgummer/Julia Reichl**

**Session 2: One Health (I)**

**Chairs: Hans-Peter Fuehrer/Edwin Kniha**

**14:00–14:30, PLENAR: Univ.-Prof. Dr. med. vet. Jessika-Maximiliane Cavalleri, Dipl. ECEIM** – Vetmeduni Wien – West-Nile Virus in Horses - The Clinical Perspective

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14:30–14:45, Thea Schwingshackl - A decade of change – urban mosquito communities of Vienna, Austria.

*14:45–15:00, Moh. Mirza Nuryady - COVID-19 Lockdowns revealed the Role of Human Transportation in *Aedes albopictus* Expansion

15:00–15:15, Carina Zittra - Mosquitoes on the Move: Distribution, habitat preferences and molecular detection of mosquito communities in Vienna.

*15:15–15:30, Tanto Situmorang - Mosquito bloodmeal analysis and assessment of *Dirofilaria immitis* circulation at Vienna Zoo, Austria

15:30–15:45, Julia Reichl - From species identification to abundance estimation: a multiplex real-time PCR assay for ovitrap-based surveillance of invasive *Aedes* mosquitoes

15:45–16:00, Anna-Margarita Schötta - Three years of national tick surveillance with citizen science - lessons learned and future directions

*16:00–16:15, Furqan Munir - Vector potential and pathogen screening of *Culicoides* biting midges in Austria

16:15–16:45, Kaffeepause/*Coffee break*

**Session 3: One Health (II)**

**Chairs: Zoe Lindhorst/Julia Walochnik**

**16:45–17:15, PLENAR: Dr. phil. des. Emnée van den Brandeler –** Vetmeduni Wien – The Fair Inclusion of Animals in One Health & its Challenges

17:15–17:30, Ellen Schöner - Vector-borne diseases in European birds

17:30–17:45, Margarida Ruivo - Improving the surveillance of zoonotic pathogens associated with bats in Central Europe

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17:45–18:00, Heghine Papoyan - Expert knowledge elicitation to determine the relative importance of potentially foodborne parasitic diseases in Armenia

18:00–18:15, Pamela Burger - Integrating immune genetics and pathogen detection from whole genome data into One Health

18:15–18:30, Raisa Rose Jakmakian - Antimicrobial use among large animal farmers in Armenia and the role of farmer–veterinarian relationships: A qualitative study

18:30–18:45, Zoe Lindhorst - Detection of zoonotic protozoa in raccoons (*Procyon lotor*) from aquaculture zones in Saxony (Germany): One Health perspective

18:45–19:00, Aline Lamien Meda - Unlocking *Dirofilaria* Genetic Diversity: A High-Throughput Oxford Nanopore Workflow for Complete Mitogenome Sequencing

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**Ab 19:00, gemütliches Beisammensein mit Fingerfood und Getränkeauswahl/*get together with finger food and drinks***

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**Friday, 04 December 2026**

08:30–09:00, Registrierung/*Registration*

**Session 4: Internationale Zusammenarbeit/*International collaboration***

**Chairs: Mirjam Groger/Erich Schmutzhard**

*09:00–09:15, Seda Adamyan - *Dirofilaria* spp. in wild and domestic carnivores in Armenia: molecular records of *D. repens*

09:15–09:30, Hena Comic - Pathogen screening of imported *Amblyomma cajennense* Tick found on Lowland Tapir from French Guiana reveals non-native Pathogens in European Zoo

09:30–09:45, Edwin Kniha - Sand fly-borne diseases in North Macedonia – an integrative approach using stray dogs as sentinels

*09:45–10:00, Kiky Martha Ariesaka - The Therapeutic Potential of *Murraya paniculata* in Pediatric Severe Malarial Anemia: A Transcriptomic and Computational Network Pharmacology Study

10:00–10:15, Astrid Erber - Underlying drivers of persistent *Schistosoma mansoni* transmission in Mayuge District, Uganda.

10:15–10: 45, Kaffeepause/*Coffee break*

**Session 5: Parasitologie/*Parasitology* (I)**

**Chairs: Maria S. Unterköfler/David Ebmer**

**10:45–11:15, PLENAR: Prof. Herbert Weissenböck** – Vetmeduni Wien – Avian malaria from a veterinary perspective

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11:15–11:30, Donato Traversa - Emerging and re-emerging parasitic threats in Italian dogs: Nationwide surveillance of cardio-pulmonary and intestinal nematodes (2023–2026)

11:30–11:45, Ellen Schoener - Enemies of the State- Parasites in Ant Colonies

11:45–12:00, Miguel Peña-Espinoza - Effects of weather variability on nematode parasite dynamics: A modelling study in Austrian ruminant farms

12:00–13:00, Mittagspause/*Lunch break*

**13:00–14:00, Generalversammlung der ÖGTPM /*General assembly***

**Session 6: Parasitologie/*Parasitology* (II)**

**Chairs: Aline Lamien-Meda/Martina Köhsler**

*14:00–14:15, Mahsa Kamali - Machine Learning–Assisted Label-Free Detection of *Toxoplasma gondii* Tissue Cysts Using Bright-Field Image Features

14:15–14:30, Iwona Lesiak-Markowicz - *Trichomonas vaginalis* and *Mycoplasma hominis*: Do they matter?

*14:30–14:45, Stefanie Münzer - The role of endosymbionts in *Trichomonas vaginalis* pathogenicity

14:45–15:00, David Ebmer - Respiratory mites (*Orthohalarachne diminuata*) in South American sea lions (*Otaria flavescens*) housed at zoological gardens: Occurrence, microhabitat distribution, and diagnostic approaches

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*15:00–15:15, Philipp Sziderics - An environmental developmental phase revises the life cycle of pinniped respiratory mites

15:15–15:30, Iuliia Nosulia - Uncovering *Sarcocystis* molecular diversity in Armenian wild and domestic canids

15:30–15:45, Katharina Platzgummer - The vector role of the sand fly *Phlebotomus mascittii* in Central Europe: from field observations to experimental assessment

15:45–16:00, Maria Sophia Unterköfler - *Thelazia callipaeda* and *Phortica* spp. – current knowledge and open questions

16:00–16:30, Kaffeepause/*Coffee break*/ **Stimmenabgabe Junior Awards/ *junior award voting***

**Session 7: Parasitologie/*Parasitology* (III)**

**Chairs: Slava Yurchenko/David Leitsch**

**16:30–17:00, PLENAR: Prof. Astrid Holzer** – Vetmeduni Wien – Jellyfish in disguise: *Myxozoa* as models for extreme parasite adaptations and their emerging impact on fish health

17:00–17:15, Martina Köhsler - „It started with a kiss“ – Protists in the oral cavity and how to detect them.

17:15–17:30, Lena Nuschy - Investigating interactions between parasite infected animal sera and glycans using glycan microarrays

17:30–17:45, Alvie Dohr-Loufouma - Unravelling the proteomic signature of extracellular vesicles released by *Acanthamoeba* after contact with human corneal epithelial cells

17:45–18:00, Sargis A. Aghayan - In vitro anti-*Toxoplasma gondii* activity and selectivity of methanolic extracts from Armenian plants

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18:00–18:15, Hasmik Gevorgyan - Recent Molecular Surveillance of *Coxiella burnetii* in Ixodid Ticks in Armenia

18:15–18:30, Shcherbakov Oleg - An Updated Checklist of Fish Parasites in Armenia

18:30–18:45, Vyacheslav Yurchenko - Uncovering parasite diversity in Ecuadorian wildlife: new trypanosomatid species and novel reservoir hosts for *Leishmania amazonensis*

**19:00–19:30, Preisverleihung Junior-Award und Posterpreis/*Junior award and poster award ceremony***

**Abschluss der Tagung/*closing of the conference***

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**Samstag, 05. Dezember 2026 – Fortbildung für Ärztinnen und Ärzte: Tropenmedizin, Parasitologie und Migrationsmedizin (auf Deutsch/*in German only*)**

08:30–09:00, Registrierung/*Registration*

**Reisemedizin**

09:00–09:45, Dominique Moy-Wagner, Donauspital Wien – Reisemedizin

09:45–10:30, Peter Starzengruber, AKH Wien – Diagnostik bei Reiserückkehrern

10:30–10:45, Kaffeepause/*Coffee break*

**Infektiologie**

10:45–11:30, Maria Koreny, MA15 – Tuberkulose

11:30–12:15, Heimo Lagler, AKH Wien – Echinokokkose

12:15–13:00, Angelika Wagner, ISPTM, Malaria

13:00 – 13:45, Mittagspause/*Lunch break*

**Dermatologie**

13:45–14:30, Marlies Wruhs, Klinik Hietzing – Albinismus und Hautkrebs in Ostafrika

14:30–15:15, Alessandra Handisurya, AKH Wien – Skabies

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15:15–15:45, Kaffeepause/*Coffee break*

**Tropenmedizin**

15:45–16:30, Mirjam Groger, BNITM – Lassafieber

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**Poster Session**

1. *Kiky Martha Ariesaka - Addressing Current Threats to Malaria Control: Antimalarial Resistance and the Decreasing Reliability of Rapid Diagnostic Tests
2. Thomas Völk - Validation of a Novel Sample Collection-to-Detection Workflow Using PrimeStore® MTM, Pathogen Total Nucleic Acid Kit, and PrimeMix® MTB
3. Ellen Schöner - Cryptosporidia in Tortoises
4. *Michael Neulinger - Understanding the phylogeny of European *Thelazia callipaeda* through complete mitochondrial genome analysis
5. Markus Wiesmüller - Rethinking Insecticide Screening: 3D Insect Cell Spheroids as a Novel Toxicological Platform
6. Zorica Dakić - The Role of Microscopy in the Diagnosis of Strongyloidiasis: 25 Years of Experience from a Tertiary Care Centre in Serbia
7. Manan Asikyan - Molecular Screening of White Stork Nestlings for Bacterial and Protozoan Pathogens in Armenia
8. Silvia Thomas - "Einfluss von Leitlinien-Adhärenz, Immunsuppression sowie Progression der Zystengröße auf das Outcome der zystischen Echinokokkose -Eine prospektive Datenanalyse“
9. Antonio Ruiz - In vitro evaluation of nano-emulsified phytogenics (DigePro) and nano-emulsified phytogenics and esterified fatty acids (DigeStart FA) against the caprine coccidia *Eimeria ninakohlyakimovae*
10. Sophie Beneder - Beyond the Bite – Morphological and molecular characterization of horseflies (Tabanidae), targeted pathogen screening and bacterial community profiling
11. Kristína Madárová - Mass spectrometric analysis of N-glycans of the Siberian liver fluke

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12. Eric Somweber - Parasitological investigation of palaeofaeces from the ancient Hallstatt salt mine
13. *Julia Wigger - American crocodiles: parasites and vector-borne pathogens
14. *David Sainitzer - Establishment and reproductive biology of *Phortica oldenbergi* in Basilicata, Italy
15. *Hanna Hubmann - *Dirofilaria* spp. screening of pet dogs from Austria and Poland
16. *Furqan Munir - Twelve years of bycatch in BG-Sentinel traps across Austria: Composition, abundance, and diversity of mosquitoes
17. Bita Shahi Barogh - Retrospective detection of *Theileria equi* in equine diagnostic samples in Austria, 2008–2026
18. David Leitsch - Identification of a functional thioredoxin in *Giardia lamblia*
19. *Lou Camille Marie Knobloch - Detection of *Neohaematopinus sciuri* in Austrian red squirrels (*Sciurus vulgaris*) and screening for their vector-borne pathogens
20. Sonia Oren - A parasite-secreted metabolite mechanically primes host cells to promote malaria infection
21. Hans-Peter Fuehrer - The impact of Climate Change on Arthropod vectors and selected parasites in Alpine Pastures

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