

Programm

Fifth European *Dirofilaria* and *Angiostrongylus* Days (FiEDAD)



**European Society of Dirofilariosis and
Angiostrongylosis (ESDA)**

**Österreichische Gesellschaft für Tropenmedizin,
Parasitologie und Migrationsmedizin**



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11.7.2016 – 13.7.2016

FESTSAAL of VETMEDUNI Vienna

1210 Vienna, Veterinärplatz 1



 „Festsaal“ – Conference location

Monday July 11th

18:00 GET TOGETHER (VETMEDUNI VIENNA – FESTSAAL)

Tuesday July 12th

8:30 – 9:30 REGISTRATION

9:30 – 10:00 OPENING CEREMONY AND WELCOME ADDRESSES

10:00 – 11:45

TOPIC 1: Dirofilarioses (Humans, Mosquitoes)– Chairs: Simón and Duscher

10:00 – 10:30 PLENARY LECTURE

Fernando Simón, Vladimir Kartashev, Javier González-Miguel, Andrea Rivera, Alicia Diosdado, Paula Josefina Gómez, Rodrigo Morchón, Mar Siles-Lucas
Human dirofilariosis in Europe: Basic facts and retrospective review

10:30 – 11:00 PLENARY LECTURE

Vladimir Kartashev, Nikolay Bastrikov, Boris Ilyasov, Alexey Ermakov, Sergey Kartashov, Denis Dontsov, Yuri Ambalov, Tamara Pavlikovska, Olga Sagach, Svetlana Nikolaenko, Nina Chizh, AllaKorzan, Alena Salauyova, Javier González-Miguel, Rodrigo Morchón, Mar Siles-Lucas, Fernando Simon
Human dirofilariosis – morbidity, clinical presentation, and diagnosis

11:00 – 11:15

Éva Fok, István Kucsera

A few thoughts about the recent epidemiological situation of dirofilariosis in Hungary with particular regard to quick spread and high prevalences in certain areas

11:15 – 11:30

Sarah S. Übleis, Claudia Cuk, Michaela Nawratil, Victoria Wimmer, Carina Zित्रa, Julia Butter, Adelheid Obwaller, Karin Lebl, Thomas Zechmeister, Stefan Weiss, Georg G. Duscher, Herbert Auer, Anja Joachim, **Hans-Peter Fuehrer**

An update on the current situation of *Dirofilaria repens* and *Dirofilaria immitis* in Austria

11:30 – 11:45

Sara Savic, Dubravka Pudar, Dusan Petric, Gioia Capelli, Fabricio Montarsi, Cornelia Silaghi
Experimental assessment of vector competence of different mosquito species for *Dirofilaria immitis*

12:00 – 13:30 LUNCH

13:30 – 18:00 - 4TH BAYER ANGIOSTRONGYLOSIS FORUM [see separate program]

4TH BAYER ANGIOSTRONGYLOSIS FORUM

13:30 – 13:35 INTRODUCTION

13:35 – 14:00 KEY NOTE LECTURE

Manuela Schnyder

Angiostrongylus vasorum – What's new?

14:00 – 14:15

Malin Lange, Felipe Penagos, Carlos Herмосilla, Roland Schaper, Anja Taubert

Angiostrongylus vasorum in its intermediate hosts: an epidemiological survey in Germany

14:15 – 14:30

Giulio Grandi, Eva Osterman-Lind, Roland Schaper, Ulrika Forshell, Manuela Schnyder

Seroprevalence of *Angiostrongylus vasorum* in Swedish dogs: a national survey

14:30 – 14:45

Ana Margarida Alho, Manuela Schnyder, Roland Schaper, José Meireles, Silvana Belo, Peter Deplazes, Luís Madeira de Carvalho

Seroprevalence of circulating *Angiostrongylus vasorum* antigen and parasite-specific antibodies in dogs from Portugal

14:45 – 15:00

Viktória Čabanová, Zuzana Hurníková, **Martina Miterpáková**

Geographical distribution of metastrongylid nematodes *Angiostrongylus vasorum* and *Crenosoma vulpis* in Slovak wildlife - preliminary study

15:00 – 15:15

Gary Conboy, Nicole Murphy, Tamara Hofstede

Baermann fecal examination survey of dogs showing signs of respiratory disease in Ontario, Canada

15:15 – 15:30

Dieter Barutzki, Viktor Dyachenko, Roland Schaper

Lungworms in Germany 2003 - 2015 - a true increase?

15:30 – 16:00 COFFEE BREAK

16:00 – 16:15

Laetitia Lempereur, Ludovic Martinelle, Calixte Bayrou, Françoise Marechal, Anne-Catherine Dalemans, **Bertrand J Losson**

A coprological and serological survey on *Angiostrongylus vasorum* in Southern Belgium

16:15 – 16:30

Hany M. Elsheikha, Sarah B Holmes

Risk factors for natural infection with *Angiostrongylus vasorum* in dogs: 100 cases (2003-2009)

16:30 – 16:45

Nina Gillis-Germitsch, Manuela Schnyder

Prevalence of lungworms in Swiss red foxes and evaluation of serological procedures for detection of *Angiostrongylus vasorum*

16:45 – 17:00

Vito Colella, Riccardo P Lia, Johana Premont, Paul Gilmore, Mario Cervone, Maria S Latrofa, Nunzio D'Anna, Diana Williams, Domenico Otranto

Angiostrongylus vasorum in the eye: new case reports and a review of the literature

17:00 – 17:15

Gary Conboy, Nicole Guselle, Roland Schaper

Gastropod shedding of third-stage larvae after infection of metastrongyloid lungworms

17:15 – 17:30

Anastasia Diakou, Despina Migli, Angela Di Cesare, Dimitra Psalla, Dionisios Youlatos, Donato Traversa

Angiostrongylus chabaudi: first description of the diagnostic stage and confirmation of European wildcat as definitive host

17:30 – 17:45

Călin M Gherman, Georgiana Deak, Angela M Ionică, Gianluca D'Amico, Domenico Otranto,

Andrei D. Mihalca

Angiostrongylus chabaudi and *A. daskalovi* in wild carnivores from Romania

17:45 – 18:00 CLOSING

18:05 DEPARTURE TO ECKARTSAU CASTLE

24:00 RETURN

Wednesday July 13th

10:00 – 12:00

TOPIC 2: Dirofilarioses (Endosymbionts and Molecular Biology/Veterinary Medicine)–

Chairs: Kramer and Genchi

10:00 – 10:30 PLENARY LECTURE

Claudio Genchi

Dirofilaria repens, an update

10:30 – 11:00 PLENARY LECTURE

Laura Kramer

Advances in adulticide treatment in canine heartworm disease (*Dirofilaria immitis*):
macrocyclic lactones and doxycycline

11:00 – 11:15

Javier González-Miguel, Alicia Diosdado, Rodrigo Morchón, Mar Siles-Lucas, Fernando Simón
Wolbachia and its possible participation in the vascular pathology of the host during
cardiopulmonary dirofilariosis through plasmin generation

11:15 – 11:30

Marco Genchi, Lavinia Ciucă, Laura Kramer, Liviu Miron, Luisa Del Prete, Maria Paola
Maurelli, Giuseppe Cringoli, Laura Rinaldi

Heat treatment of serum samples from stray dogs naturally exposed to *Dirofilaria immitis*
and *Diofilaria repens* in Romania

11:30 – 11:45

Elena Carretón, Laura Peña, Sara Caceres, Gema Silvan, Juan Carlos Illera, J. Alberto
Montoya-Alonso

Cortisol as indicator of stress in heartworm infection in dogs

11:45 – 12:00

Esra Yilmaz, Moritz Fritzenwanker, Nikola Pantchev, Mathias Lendner, SirichitWongkamchai,
Domenico Otranto, Inge Kroidl, Martin Dennebaum, Sabrina Ramünke, Roland Schaper,
Georg von Samson-Himmelstjerna, Sven Poppert, Jürgen Krücken

Mitochondrial genome sequences of the zoonotic canine filariae *Dirofilaria (Nochtiella)*
repens and *Candidatus* *Dirofilaria (Nochtiella) honkongensis*

12:00 – 13:00 LUNCH

13:00 – 14:00 – POSTER SESSION (combined – *Dirofilaria* and *Angiostrongylus*)

[Posters see below]

Chairs: Schnyder and Duscher

14:00 – 15:15

TOPIC 3: Dirofilarioses (Veterinary Medicine)– Chairs: Fok and Venco

14:00 – 14:15

Florea Cristian-Ionuț, Poliana Tudor, Stefan P.Olaru, Anca M.Dobrica

Use of histochemical analysis for updates about canine filarioids upon new cases in two dog shelters in the surrounding of Bucharest, Romania

14:15 – 14:30

Artur Dobrzyński, **Maciej Klockiewicz**, Magdalena Wysmołek, Michał Czopowicz, Marta Parzeniecka-Jaworska, Joanna Nowakowska, Ewa Długosz

Investigations on *Dirofilaria repens* infection in Polish dogs – looking for the objective features of the infection

14:30 – 14:45

Anastasia Diakou, Mathios Mylonakis, Zoe Polyzopoulou, Chistos Koutinas

Awareness and strategies about heartworm disease in private practices in Greece: preliminary results of a questionnaire survey

14:45 – 15:00

Simone Manzocchi, Stefano Di Palma, Martina Peloso, Nikola Pantchev

Atypical case of subcutaneous filarioidosis in a cat: do we expect *Dirofilaria immitis* there?

15:00 – 15:15

Nenad Milojković, Momčilo Arandžević, Ljubomir Ćurčin

In field retrospective study of „slow-kill“ treatment efficiency on heartworm positive dogs in general practises in Serbia

15:15 – 15:45 COFFEE BREAK

15:45 – 17:00

TOPIC 4: Dirofilarioses (Veterinary Medicine/Epidemiology/Tropical Parasitology) –

Chairs: Fuehrer and Leschnik

15:45 – 16:00

Barbora Mitková, Marcela Novotná, Jana Juránková, Lada Hofmannová, Dwight D. Bowman, David Modrý

The true story of *Dirofilaria* in the Czech Republic

16:00 – 16:15

Michael Leschnik

Fighting endemicity of *Dirofilaria* spp. in Austria

16:15 – 16:30

Angela M. Ionică, Ioana A. Matei, Gianluca D’Amico, Lucia V. Bel, David Modrý, Andrei D. Mihalca

The circadian dynamics of microfilaremia in a dog naturally coinfecting with *Dirofilaria immitis* and *D. repens*

16:30 – 16:45

Ana Margarida Alho, Helder CE Cortes, Ana Patrícia Lopes, Maria João Vila-Viçosa, Luís Cardoso, Silvana Belo, **Luís Madeira de Carvalho**
Detection of *Dirofilaria immitis* antigen in red foxes (*Vulpes vulpes*) from Portugal

16:45 – 17:00

Ana Margarida Alho, Hugo Vilhena, Ana Cristina Oliveira, Sara Granada, Ana Patrícia Lopes, Silvana Belo, Luís Madeira de Carvalho, Luís Cardoso
In search of *Dirofilaria immitis* in domestic dogs from Luanda

17:00 – 18:00

GENERAL ASSEMBLY EUROPEAN SOCIETY OF DIROFILARIOSIS AND
ANGIOSTRONGYLOSIS (ESDA)

Chair:

Simón and Fok

18:00 – 18:30 CLOSING REMARKS

Moderators: ESDA President

POSTER - DIROFILARIA:

Radu Blaga, Virginie Daniel-Lesnard, Bruno Polack, Stéphanie Beurlet, Coralie Martin,
Jacques Guillot

A skin nodule due to *Dirofilaria repens* in a Tosa dog in Ile de France

Lavinia Ciuca, Rodrigo Morchón, Ruxandra V. Moroti, Mihaela Arbune, Loredana Hurjui,
Roman Constantin, Dumitru Acatrinei, Liviu Miron, Laura Kramer, Laura Rinaldi, Fernando
Simón

Serological survey of *Dirofilaria* in humans from Romania and Republic of Moldova

Ewa Długosz, Agnieszka Szmidt, Artur Dobrzyński, Magdalena Wyszomółek, Maciej Klockiewicz
Molecular investigation of possible *Dirofilaria repens* vertical transmission from queen to
offspring – case report from Poland

Aleksandar M Džamić, Tanja Kalezić, Ivana Čolović Čalovski, Dejan Rašić, Milan Cvetković,
Sanja Mitrović

Superficial *Dirofilaria repens* infection: A case series in Serbia

Javier González-Miguel, Carmen Larrazabal, Diana Loa-Mesón, Mar Siles-Lucas, Fernando
Simón, Rodrigo Morchón

The role of glyceraldehyde 3-phosphate dehydrogenase and galectin from *Dirofilaria immitis*
in the emergence of heartworm disease endarteritis via fibrinolytic system

Rodrigo Morchón, Elena Carretón, Paula Josefina Gómez, Alicia Diosdado, Javier González-
Miguel

Heartworm disease vectors in Europe – new distribution trends.

Rodrigo Morchón, Alicia Diosdado, Javier González-Miguel, Fernando Simón
Distribution and prevalence of heartworm disease in the canine population in the province of Salamanca (West-central Spain)

Vladan Panic, Rastko Bekvalac, Ivan Fenjac, Aleksandar Potkonjak, Suzana Otasevic, **Sara Savic**

Elias Papadopoulos, Athanasios Angelou, Eleftherios Gallidis, Kyriakos Spanoudis, Roland Schaper, Ramaswamy Chandrashekar
Detection of *Dirofilaria* spp. in dogs from Greece: preliminary results

Ljubica Spasojevic Kosic, Vesna Lalosevic, Aleksandar Naglic, Stanislav Simin, Ljiljana Kuruca, Aleksandar Spasovic
Subjective and objective assessment of radiographic findings in dogs with heartworm disease

Tomczuk Krzysztof, Szczepaniak Klaudiusz, Grzybek Maciek, Andrzej Junkuszew, Paulina Dudko, Pantchev Nikola, Stefaniak Marzena, Iwanicki Ryszard
Occurrence and taxonomical classification of microfilariae in blood samples from canine blood donors localized in south-eastern Poland

Victoria Wimmer, Angela Monica Ionică, Carina Zित्रa, Natascha Leitner, Jan Votýpka, David Modrý, Andrei Daniel Mihalca, Hans-Peter Fuehrer
Filaroid helminths in mosquitoes from the Danube Delta/Romania and the analysis of these vectors for potential vector competence

POSTER – ANGIOSTRONGYLOSIS:

Malin Lange, Felipe Penagos, Tamara Muñoz-Caro, Gerd Magdowski, Uwe Gärtner, Helena Mejer, Roland Schaper, Carlos Hermosilla, Anja Taubert
First characterization of haemocyte extracellular traps in gastropods induced by *Angiostrongylus vasorum*, *Crenosoma vulpis*, *Aelurostrongylus abstrusus* and *Troglostrongylus brevior*

Klaudiusz Szczepaniak, Krzysztof Tomczuk, Maciej Grzybek, Ryszard Iwanicki
Assessment of recovery rates and morphology of larvae *A. abstrusus* in flotation methods using five solutions with different specific gravities (S.G.)

Benjamin Bedel, Radu Blaga, Vassiliki Gouni, Valérie Chetboul, Ghita Benchekroun, Stéphane Blot, Patrick Verwaerde, **Bruno Polack**
A ten-year retrospective study of angiostrongylosis at Alfort Veterinary School, Ile de France

Alice P. Hansen, Lene M. Vinther, Line K. Skarbye, Caroline S. Olsen, Helena Mejer, **Jakob L. Willesen**

Prevalence of *Aelurostrongylus abstrusus* in Danish cats

Angela Di Cesare, Luigi Venco, Simone Manzocchi, Eleonora Grillotti, Edoardo Auriemma, Fabrizio Pampurini, Cecilia Garofani, Fabrizio Ibba, Donato Traversa

Unusual clinical cases of *Angiostrongylus vasorum* infections

Mark Coia, Gawain Hammond, Daniel L. Chan, Randi Drees, David Walker, Kevin Murtagh, Janine Stone, Nicholas Bexfield, Lizzie Reeve, **Jenny R Helm**

Thoracic computed tomography findings in dogs naturally infected by *Angiostrongylus vasorum*

Georgiana Deak, Călin M Gherman, Angela M Ionică, Aikaterini A Daskalaki, Ioana A Matei, Gianluca D'Amico, Nikola Pantchev, Andrei D. Mihalca, Vasile Cozma

Use of a commercial serologic test for *Angiostrongylus vasorum* for detection of *A. chabaudi* in wildcats and *A. daskalovi* in badgers

Felipe Penagos, Jesed Gutiérrez, Juan D. Velez, Diego Piedrahita, Malin Lange, Carlos Hermosilla, Anja Taubert, Jenny Chaparro

First report of *Angiostrongylus spp.* infections in African Giant Snails (*Achatina fulica*) in Valle del Cauca and Antioquia, Colombia

Felipe Penagos, Jesed Gutiérrez, Juan D. Velez, Diego Piedrahita, Malin Lange, Carlos Hermosilla, Anja Taubert, Jenny Chaparro

First report of *Angiostrongylus vasorum* infections in dogs as well as in the neozoon intermediate host (*Achatina fulica*) in Medellín, Colombia

Fabio Macchioni, Marta Magi, Elisa Ulivieri, Francesca Gori, Manuela Schnyder

Canine filarial and *A. vasorum* infections in an area of central Italy (Border Tuscany-Latium)

For those who already registered, there will be more information soon.
It is a great pleasure to welcome you in Vienna.

Georg Duscher (local organizer)
Georg.duscher@vetmeduni.ac.at