



PROGRAMME

The 4th COST COREMI Conference “Improving current understanding and research for sustainable control of the poultry red mite

***Dermanyssus gallinae*”**

November 1st-2nd 2018, Cluj-Napoca, Romania

31 October

19.00 – Welcome cocktail (Biodiversity Center, USAMV campus)

Day 1 (1st November)

8.00-9.00 - Registration

9.00-9.30 - Opening Ceremony

9.30-11:00 Session One: Chairs: Olivier Sparagano, Cristian Magdaş

Magne Hansen (Norway): Monitoring and epidemiology of *Dermanyssus gallinae* based on data from the Norwegian PRM monitoring programme

Aleksandar Dodovski (Macedonia): Update on poultry red mite research activities in Macedonia

Veronika Maurer (Switzerland, UK): Current control strategies against the poultry red mite *Dermanyssus gallinae* in Switzerland

Igor Stojanov (Serbia): Program control of poultry red mite *Dermanyssus gallinae*, today

11.00 -11.30 - coffee break

11.30-13:00 Session Two: Chairs: Fiona Tomley, Miroslav Radeski

Lise Roy (France): Attractiveness of some volatile organic compounds found in henhouses on *Dermanyssus gallinae*

Fran Nunn (UK): Optimisation of an on-hen feeding device for all hematophagous life stages of poultry red mite: a tool for mite control evaluation

José Francisco Lima-Barbero (Spain, UK): STSM: Characterization and cloning of the poultry red mite (*Dermanyssus gallinae*) subolesin

Athanasios Angelou (Greece, France, UK): STSM: Molecular characterisation of *Dermanyssus gallinae* isolates from Greece and comparison with a European framework using the COI gene

13.00-14.00 - lunch (Biodiversity Center)

14.00-15.10 – Session Three: Chairs: Jose de la Fuente, Marianna Marangi

Kathryn Bartley (UK, Belgium, Germany, Norway): Draft genome assembly and annotation of the poultry red mite, *Dermanyssus gallinae*: a new tool for researchers

Eleanor Karp-Tatham (UK): Utilising the genome analysis toolkit to identify single nucleotide polymorphisms

Øivind Øines (Norway) genetic investigations of *Dermanyssus gallinae* in Norway

15.10-16.00 - coffee break (extended time to look at posters)

16.00 - 17.10 – Session Four: Chairs : Lise Roy, Jacinto Gomes

Giulio Cocciolo (Italy): Are *Dermanyssus gallinae* and *Salmonella enterica* subs. *enterica* ser. *gallinarum* associated in poultry farms: A field study

Annunziata Giangaspero (Italy): Insights into *Dermanyssus gallinae*: the Italian contribution from birds to humans

Miroslav Radeski (Macedonia, Italy, Germany, Denmark, Greece, UK, Croatia): Interdisciplinary one health model for poultry red mite – COREMI WG2 output

19.00 - social dinner (COREMI party , CHIOS Social Lounge)

Day 2 (2nd November)

9.00-10.30 - Session Five: Chairs: Elias Papadopoulos, Ioniță Mariana

Olivier Sparagano (UK): Role and influence of the COREMI COST Action (FA1404) network on the European poultry sector

Geoffrey Chiron (France): Characterisation of predation interactions between arthropods for the biological control of the poultry red mite

Monique Mul (Netherlands): Effects of on-farm application of IPM for the poultry red mite, *Dermanyssus gallinae*: preliminary findings

Peter van de Laar (Netherlands): Effectivity of the thermokill treatment

10.30 - 11.30 Coffee break (extended to look at posters)

11.30- 13.00 – Session Six: Chairs: Annunziata Giangaspero, Øivind Øines

Nathalie Sleenckx (Belgium): The effects of treatment with fluralaner on poultry red mite infestation and on production of laying hens housed in enriched cages and aviaries

Emmanuel Thomas (Germany, Spain): Effect of fluralaner on behavioural and stress indicators in laying hens infested with *Dermanyssus gallinae*

Sylwia Doner (Poland): Practical aspects of fluralaner treatment and field experience at commercial layer farms in Poland

Elias Papadopoulos (Greece, Cyprus): Evaluation of the use of fluralaner in the Greek egg laying industry against the poultry red mite (*Dermayssus gallinae*): first results

13.00 - 14.00 – lunch (Biodiversity Center)

14.00 - 15.00 Presentations by the chairs of working groups: activities, achievements, perspectives

WG1 : Monique Mul

WG2: Miroslav Radeski

WG3: Lise Roy

WG4: Danijela Horvatek-Tomic

15.00-15.15: Closing Ceremony

15.15-15.45 Coffee break

15.45 - MC meeting

POSTERS

1. J. M. Zdybel, A. Kominek, M. Roczeń-Karczmarz, M. Demkowska-Kutrzepa and T. Cencek - In vitro evaluation of the effectiveness of acaricides used in Poland against red mites (*Dermanyssus gallinae*)
2. Veli Yilgor CIRAK, Cengiz GOKBULUT, Mehmet OZUICLI, Levent AYDIN, Busra ASLAN- The residue levels of abamectin and spinosad in edible tissues of laying hens following application using a sprayer
3. M.F. Mul, H. Bens, I. Odink-Schrijver, R. Jansen, J. Berkvens, L. Blanken and E. Bethlehem - Effect of a crisis; how the dutch poultry farmers aim to combat the poultry red mite in the future
4. I. Arye, E. Palevsky, D. Ment, and Y. Gottlieb- Infestation status of the poultry red mite in Israel
5. E. Špitalská- Mites and their infections in Slovakia
6. Z. Špitalský, Z. Markovic, K. Štefanidesová, E. Špitalská- Low cost light induced therapy of rickettsial infection
7. H. Waap, J. Gomes, F. Ramos, M. Marangi, D. Aguín-Pombo- Description of *Ornithonyssus bursa* in poultry in the Madeira Island, Portugal
8. H. Waap, J. Gomes, T. Nunes, P. Leite- Co-occurrence of *Cheyletus* spp. and *Dermanyssus gallinae* in commercial laying farms in Portugal
9. M. Demkowska-Kutrzepa, M. Roczeń-Karczmarz, J. Zdybel, T. Cencek, M. Studzińska, K. Tomczuk - Invasion of *Dermanyssus gallinae* in Poland - the present situation
10. A. Dovč, N. Šemrov, O. Zorman Rojs, R. Juršič Cizerl, R. Lindtner Knific and A. Vergles Rataj- Red mites (*Dermanyssus gallinae*) – a brief overview of the situation and the activities in Slovenia
11. H. Erdem, C. Konyali, E. Eralp, T. Savas - Effects of feed restriction on *Dermanyssus gallinae* infestation in growing chicks
12. D. Horvatek Tomić, Željko Gottstein, Željka Ervaćinović, Maja Lukač, Estella Prukner-Radovčić - Poultry red mite in Croatia – preliminary results from the WG1 questionnaire
13. C. Konyali, H. Erdem, E. Eralp, N. Yazgan, T. Savas - INSEPARABLE DUO: *Dermanyssus gallinae* and Its Birds
14. M. Mul, H. Bens, I. Odink-Schrijver, K. Bartley and F. Neijenhuis - National questionnaire on *Dermanyssus gallinae* prevalence and control methods and the on-farm effect of the fipronil crisis in the Netherlands
15. E. Papadopoulos and A. Angelou - *In vitro* use of Ag nanoparticles against the poultry red mite (*Dermanyssus gallinae*)
16. E. Papadopoulos, D. Bakaloudis, A. Angelou, M.A. Papakosta, V. Goutner and C.G. Vlachos - Detection of *Dermanyssus gallinae* in nesting boxes of the lesser kestrels (*Falco naumanni*) in Greece
17. Monika Roczeń-Karczmarz, Marta Demkowska-Kutrzepa, Tomasz Cencek, Jolanta Zdybel, Maria Studzińska, Krzysztof Tomczuk - Essential oils as natural acaricides against *Dermanyssus gallinae*
18. Chuanwen Wang, Yuyun Ma, Yu Huang, Shanchun Su, Lianyu Wang, Yanyan Sun, Qiang Wan, Hao Li, Shudong Zhang, Øivind Øines, Baoliang Pan - Establishment of a rearing system for the poultry red mite, *Dermanyssus gallinae* and the effects of darkness on the reproduction rate of poultry red mite