

**5th INTERNATIONAL
CONFERENCE OF THE
EUROPEAN COLLEGE OF
VETERINARY
MICROBIOLOGY**

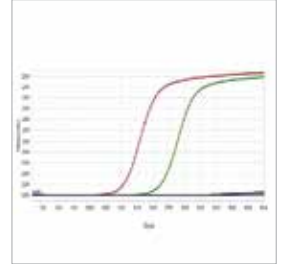
**21-23 September 2023,
Bled, Slovenia, Rikli Hotel
www.icecvmconf.org**

MICROBIOLOGY IN FOCUS



BACTERIOLOGY + MYCOLOGY INCL. IDENTIFICATION (MALDI-TOF)

- Animal species-specific antibiograms and antimycograms after evaluation of the pathogenic potential
- Evaluation according to international standards
- Examination for multi-resistant pathogens
- Fast turnaround time



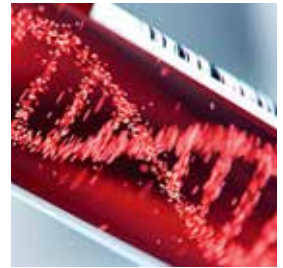
PATHOGEN AND ANTIBODY DETECTION

- PCRs for the detection of a wide range of viruses, bacteria, fungi, and parasites
- Detection of antibodies against various pathogens
- Host and disease specific profiles the issue



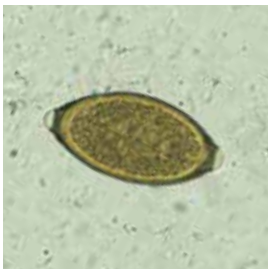
CLINICAL DISEASE-ORIENTED PROFILES FOR NUMEROUS ANIMAL SPECIES

- Respiratory, diarrhoea, anaemia, eye, neurology, reproduction and many more.
- Pathogen detection from ticks



DYSBIOSIS ANALYSIS

- Detection of indicator organisms of the intestinal microbiome by PCR
- Species-specific reference values
- Identification of dysbiosis



ALTERNATIVE TREATMENT OPTIONS

- Autovaccines (oral, injection, inhalation, combination vaccines)
- Aromatograms



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WELCOME

On behalf of the ECVM, it is our great pleasure to invite you to the 5th International Conference of the European College of Veterinary Microbiology (5th ICECVM) that will be held in Bled, Slovenia, on 21-23 September 2023.

The 5th ICECVM is a three-day event dedicated to Veterinary Microbiology, with sessions covering bacteriology, virology, mycology, antibiotic resistance, etc., under the One-Health umbrella. A satellite event consisting of a training school on veterinary clinical bacteriology, organized by the European Network for Optimization of Veterinary Antimicrobial Treatment (ENOVAT) will be held on Wednesday 20th September. In parallel with the 5th ICECVM scientific conference, we will host sponsored exhibition and workshop events, providing a unique collaborative environment, in one of the most beautiful alpine destinations!

Looking forward to meeting you in Bled,

The Organizing Committee

ORGANIZING COMMITTEE

Matjaž Ocepek (Chair)

Jana Avberšek

Filip Boyen

Darja Kušar

Rachel Marschang

Tina Pirš

Damien Thiry

Urška Zajc

SCIENTIFIC COMMITTEE

Bryan Markey (Chair)

Nicola Decaro

Matjaž Ocepek

Irena Zdovc

Urška Kuhar

Patrícia Alexandra Curado Quintas Dinis Poeta



Wednesday 20th September 2023

- 14.00 - 18.00** SONCE Hall
- 14.00 - 14.15** Welcome and introduction to the Training school
- 14.15 - 15.00** Bacterial culture isolate selection for AST: opportunities for Diagnostic led stewardship **D. Timofte**
- 15.00 - 15.30** Brief outline on lab approaches for bacterial culture, interpretation and reporting of frequently submitted samples **P. Damborg, E. Broens & D. Timofte**
- 15.30 - 16.00** Coffee break
- 16.00 - 18.00** Bacterial culture and interpretation- interactive practical cases proposed by attendees

Thursday 21st September 2023

- 09.00 - 13.00** Arnold Hall
- 09.00 - 09.30** MALDI-TOF MS bacterial identification and troubleshooting with practical examples
- 09.30 - 10.00** “Best practise answers” to AMR detection and AST interpretation **P. Damborg & E. Broens**
- 10.00 - 11.00** Group work and case-discussion on (i) essential resistance mechanism detection and (ii) challenging AST interpretation **PART 1**
- 11.00 - 11.30** Coffee break
- 11.30 - 12.00** Group work and case-discussion on (i) essential resistance mechanism detection and (ii) challenging AST interpretation **PART 2**
- 12.00 - 12.45** Developing SOPs for the ENOVAT Archive of protocols for Veterinary Microbiology Investigations **F. Zendri, I. Maciucă & D. Timofte**
- 12.45 - 13.00** Debriefing and end of the Training school

- **Mikrobiologija**

- Predpripravljena in dehidrirana gojišča
- Selektivni dodatki in obogatitve
- Mikrobiološka filtracija
- Ultrafiltracija
- Vzorčevalniki zraka
- Diluterji
- Sistemi za anaerobe

- **Laboratorijski aparati in oprema**

- **Dozirna tehnika**

- **Kemikalije in reagenti**

- **"Life Science" program**

- **Diagnostika**

- **Čisti prostori (Cleanroom)**

- **Izdelki za varno delo v laboratoriju**

Thursday 21st September 2023

14.30 - 17.00 ECVM AGM

17.00 Registrations

Arnold Hall

18.00 - 20.00 Welcome Address – Welcome Cocktail

Friday 22nd September 2023

08.30 - 17.00 Registration

Arnold Hall

09.00 - 10.00 Plenary Session
Chair: **Bryan Markey**

09.00 - 9.30 Welcome and opening of the Conference
Org. Committee - ECVM Committee

09.30 - 10.00 Keynote Lecture
The importance of staphylococci and the 'veterinary burden of MRSP'
Anette Loeffler, Royal Veterinary College, University of London, UK

10.00 - 10.45 Coffee break / Poster Session A Veterinary Bacteriology

10.45 - 12.55 Veterinary Bacteriology and Mycology Session
Chair: **Matjaž Ocepek**

Arnold Hall I

10.45 - 11.15 Invited Lecture
Dermatophytoses in small animals
I. Zdovc & M. Golob, University of Ljubljana

11.15 - 11.35 L1 **Selenoureido Molecules are Effective Inhibitors of Malassezia Pachydermatis Field Strains from Dogs**
Spadini C.¹, Montanaro S. L.¹, Mezzasalma N.¹, Gandolfo E.², Carta F.³, Angeli A.³, Selleri S.³, Supuran C. T.³, Cabassi C. S.¹
¹Department of Veterinary Science, University of Parma, Parma, Italy
²Veterinary Center Giuseppe Verdi, Traversetolo, Parma, Italy
³NEUROFARBA Department, University of Florence, Florence, Italy

11.35 - 11.55 L2 **Prevalence of Saprophytic Mycobiota in Road-Killed and Hunted Wild Mammals in Portugal**
Soares A S.¹, Matos A.C.^{2,3,4}, Figueira L.^{2,4}, Matos M.⁵, Coelho A.C.¹
¹Animal and Veterinary Research Centre (CECAV), UTAD, Vila Real, Portugal;
Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Portugal
²Polytechnic Institute of Castelo Branco (IPCB), Castelo Branco, Portugal
³Centre Research for Natural Resources, Environment and Society (CERNAS-IPCB), Castelo Branco, Portugal
⁴Researcher at Q-RURAL – Quality of Life in the Rural World, IPCB, Castelo Branco, Portugal
⁵Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), University of Trás-os-Montes e Alto Douro (UTAD), Vila Real, Portugal

11.55 - 12.15 L3 Bacterial and Parasitic Zoonotic Pathogens Carried in the Guts of East German Foxes, Raccoons and Other Predators, 2021-2022

Kittl S.¹, Frey C. F.², Brodard I.¹, Scalisi N.¹, Vargas Amado M. E.³, Thomann A.¹, Schierack P.^{4,5}, Jores J.^{1,6}

¹Institute of Veterinary Bacteriology, Vetsuisse Faculty, University of Bern, Bern, Switzerland

²Institute of Parasitology, Vetsuisse Faculty, University of Bern, Bern, Switzerland

³Department of Geography, University of Zürich, Zürich, Switzerland;

Swiss Federal Research Institute WSL, Birmensdorf, Switzerland

⁴Institute of Biotechnology, Faculty Environment and Natural Sciences, Brandenburg University of Technology, Cottbus-Senftenberg, Senftenberg, Germany

⁵Faculty of Health Sciences Brandenburg, Brandenburg University of Technology Cottbus- Senftenberg, Senftenberg, Germany

⁶Multidisciplinary Center for Infectious Diseases, University of Bern, Bern, Switzerland

12.15 - 12.35 L4 Rapid Transmission of Brucella Canis in a Canine Kennel in the Netherlands Following Introduction of an Infected Dog

Graham H.¹, van der Most M.¹, Kampfraath D.¹, Visser V.X.N.², Koets A.¹

¹Wageningen Bioveterinary Research, Wageningen UR, Lelystad, The Netherlands

²Netherlands Food and Consumer Product Safety Authority, Utrecht, The Netherlands

12.35 - 12.55 L5 Molecular Typing of Mannheimia Haemolytica Isolates from Calves, Cows, Goats and Sheep van Engelen E., het Lam J., Sniijders- van de Burgwal N., Dijkman R.

Royal GD, Deventer, the Netherlands

10.45 - 12.55 Veterinary Virology Session
Chair: **Nicola Decaro**

Arnold Hall II

10.45 - 11.15 Invited Lecture
Emerging Orbiviruses in Europe

Alessio Lorusso, Zooprofilattico Sperimentale dell'Abruzzo e Molise, Teramo, Italy

11.15 - 11.35 L6 Novel Stoat Calicivirus Identified from NGS Sequencing Data
Hinds J., Blanchard A., Tarlinton T.

School of Veterinary Medicine and Sciences, University of Nottingham, Sutton Bonington, UK.

11.35 - 11.55 L7 Molecular Detection and Whole Genome Sequencing of Rotavirus a in Wild Ruminants from Slovenia

Šenica P.¹, Kuhar U.¹, Žele Vengušt D.², Vengušt G.²

¹Institute of Microbiology and Parasitology, Veterinary Faculty, University of Ljubljana, Ljubljana, Slovenia

²Institute of Pathology, Wild Animals, Fish And Bees, Veterinary Faculty, University of Ljubljana, Ljubljana, Slovenia

11.55 - 12.15 L8 Porcine Circoviruses: Peculiar Genetic Features and Unexpected Circulation in Wild and Rural Pig Populations in Italy
Faustini G., Legnardi M., Poletto F., Cecchinato M., Drigo M., Tucciarone C.M., Franzo G.

Dept. of Animal Medicine, Production and Health, University of Padova, viale dell'Università 16, Legnaro, PD, 35020, Italy

12.15 - 12.35 L9 Feline Calicivirus Infection In Captive Cheetahs (Acinonyx Jubatus)
Vasinioti V.I., Lorusso E., Camero M., Catella C., Pellegrini F., Diakoudi G., Cardone R., Lucente M.S., Martella V., Elia G.

Department of Veterinary Medicine, University of Bari Aldo Moro, S.p. per Casamassima Km 3, 70010, Valenzano, Bari, Italy

12.35 - 12.55 L10 **Carnivore Bocaparvoviruses – Challenges in Diagnostics and Interpretation of Positive PCR Results**
Auer A.¹, Dimmel K.¹, Reisner R.², Doulidis P.², Künzel F.² Rümenapf T.¹
¹Institute of Virology, University of Veterinary Medicine, Vienna, Austria
²University Clinic for Small Animals, University of Veterinary Medicine, Vienna, Austria

13.00- 14.15 Lunch break

14.15-15.45 EAVLD-ESGVM-ECVM joint session “Quality control”
 Chair: **John Ikonopoulos**

Arnold Hall I

14.15 - 14.30 Challenges in ISO17025 validation **Jeanet van der Goot**

14.30 - 14.45 ISO17025 standardization and accreditation **Tina Pirš**

14.45 - 15.00 Quality control measures for routine diagnostic AST **Gudrun Overesch**

15.00 - 15.45 Discussion with expert panel led by **John Ikonopoulos**

14.15 - 15.45 Veterinary Virology Session
 Chair: **Urška Kuhar**

Arnold Hall II

14.15-14.45 **Invited Lecture**
Red Panda Amdoparvovirus Infection in European Zoos
Dr. Pavel Kvapil
Veterinary Medicine in Brno, Czech republic

14.45 - 15.05 L11 **Species-Specific Reaction to Infection With a Highly Virulent Ferlavirus: Comparison in Corn Snakes (Pantherophis guttatus) and Ball Pythons (Python regius)**

Marschang R.E.¹, Möller A.², Schmidt V.³, Schroedl W.⁴, Pees M.⁵

¹Laboklin GmbH, Bad Kissingen, Germany

²Tierarztpraxis Dr. Kühnel, Suhl, Germany

³Clinic for Birds and Reptiles, Veterinary Teaching Hospital, University of Leipzig, Leipzig, Germany

⁴Institute of Bacteriology and Mycology, University of Leipzig, Leipzig, Germany

⁵Department of Small Mammal, Reptile and Avian Medicine, University of Veterinary Medicine Hannover, Hannover, Germany

15.05 - 15.25 L12 **Aureal Plaque Associate With a Novel Papillomavirus in a Horse**
Capozza P.¹, Omar A.H.¹, Lanave G.¹, Vasinioti V.I.¹, Trombetta C.M.², Occhiogrosso L.¹, Patruno G.¹, Pellegrini F.¹, Diakoudi G.¹, Buonavoglia C.¹, Martella V.¹

¹Department of Veterinary Medicine, University of Bari;

²Department of Molecular Medicine and Development, University of Siena

15.25 - 15.45 L13 **Spatiotemporal Patterns, Farm Contacts and Virus Traits as Determinants of SARS-COV-2 Transmission Between Mink Farms, the Netherlands 2020**

Gonzales J.L.¹, Hobbelen P.¹, Kampfraath A.A.¹, Velkers F.C.², Fischer E.A.J.², Hakze-van der Honing R.¹, Hagenaars T.J.¹, van der Poel W.H.M.¹, and the One Health research consortium on the Netherlands SARS-CoV-2 mink outbreak

¹Wageningen Bioveterinary Research, Lelystad, the Netherlands

²Department Population Health Sciences, Faculty of Veterinary Medicine, Utrecht University, Utrecht, the Netherlands

15.45 - 16.30 Coffee break / Poster Session B Veterinary Bacteriology, Mycology, Microbiological Diagnostics, Genomics, Food Microbiology

16.30-17.30 Veterinary Bacteriology and Mycology Session
 Chair: **Damien Thiry**

Arnold Hall I

16.30 - 16.50 L14 **Host-Specificity Mechanisms in Salmonella Enterica Serovar Gallinarum**

Fei X., Schroll C., Thomsen L.E., Christensen JP., Olsen J.E.

Department of Veterinary and Animal Sciences, University of Copenhagen, Frederiksberg C., Denmark

16.50 - 17.10 L15 Phenotypic and Phylogenetic Characterization of Streptococcus Gallolyticus Strains Isolated on Poultry Farms

Lozica L.¹, Jeremić L.¹, Kazazić S. P.², Gottstein Ž.¹

¹Faculty of Veterinary Medicine, University of Zagreb, Zagreb, Croatia

²Ruder Bošković Institute, Zagreb, Croatia

16.50 - 17.10 L16 Development of Two Novel Sequence Typing Schemes for Mycoplasma Hyosynoviae

Bürger M.¹, Blümlinger M.¹, Ladinig A.¹, Sperser J.²

¹University Clinic for Swine, Department for Farm Animals and Veterinary Public Health, University of Veterinary Medicine Vienna, Vienna, Austria

²Institute of Microbiology, Department for Pathobiology, University of Veterinary Medicine Vienna, Austria

16.30-17.30 Veterinary Virology Session
Chair: **Rachael Tarlinton**

Arnold Hall II

16.30 - 16.50 L17 Inactivation of Airborne Coronavirus by UVC Radiation
Friese A., Reissner J., Reichelt B., Roesler U.

Institute of Animal Hygiene and Environmental Health, Veterinary Centre for Resistance Research – TZR, School of Veterinary Medicine, Robert-von-Ostertag-Straße 8, 14163 Berlin, Germany

16.50 - 17.10 L18 Permissiveness of Different Tmem154 Genotype Cell Lines to Different Srv Genotypes/Subtypes

Colitti B.¹, Reina R.², Scalas D.¹, Mazzei M.³, Moretti R.¹, Chessa S.¹, Sacchi P.¹, Rosati S.¹

¹Department of Veterinary Sciences, University of Turin, Largo Braccini 2, 10095, Grugliasco, Turin, Italy

²Instituto de Agrobiotecnología (CSIC-Gobierno de Navarra), 31192 Mutilva Baja, Spain

³Department of Veterinary Sciences, University of Pisa, Viale delle Piagge, 2-56124 Pisa, Italy

17.10 - 17.30 L19 Plant-Based Vaccines for Avian Viral Diseases-Challenges and Opportunities

Elbohy O.^{1,4}, Nurziah I.^{1,2,3}, Kanyuka K.⁵, Daly J.¹, Dunham S.¹

¹School of Veterinary Medicine and Science, University of Nottingham, Sutton Bonington Campus, LE12 5RD, United Kingdom.

²Biointeractions and Crop Protection, Rothamsted Research, Harpenden, AL5 2JQ, United Kingdom.

³Faculty of Pharmacy, Universitas Muhammadiyah Purwokerto, Central Java, Indonesia.

⁴Department of Virology, Faculty of Veterinary Medicine, Mansoura University, Mansoura 35516, Egypt.

⁵NIAB, 93 Lawrence Weaver Road, Cambridge, CB3 0LE, UK

17.45 – 19.45 Guided Tour to island

20.00 Social Dinner

09.00 - 10.30

Antimicrobial Resistance and Food Microbiology Session
Chair: **Irena Zdovc**

Arnold Hall I

09.00 - 09.30

Invited Lecture

Identification and Detection by Real-Time PCR of 30 Major Circulating *Listeria Monocytogenes* Clonal Complexes In Europe

Félix, B.¹, Capitaine K.¹, Papić B.², Kušar D.², Kavalič M., Roussel S.¹

¹European Union Reference Laboratory for *Listeria monocytogenes* (EURL Lm), French Agency for food, environmental and Occupational health and safety (ANSES), Laboratory for food safety, Salmonella and Listeria unit, Maisons-Alfort, France

²Institute of Microbiology and Parasitology, Veterinary Faculty, University of Ljubljana, Ljubljana, Slovenia

09.30 - 09.50

L20 Epidemiological Cut off Values (Ecoffs) and Clinical Breakpoints for Veterinary Pathogens

Overesch G.¹, Veldman K. T.², Amaro A.³, Brombach J.^{4,5}, Clemente L.³, Damborg P.⁶, Feßler A. T.^{4,5}, Matuschek E.⁷, Nykäsenoja S.⁸, Oikola S.⁸, van Essen-Zandbergen A.², Verkola M.⁸, Heuvelink A.⁹⁺

¹Institute of Veterinary Bacteriology, University of Bern, Bern, Switzerland

²Wageningen Bioveterinary Research (WBVR) part of Wageningen University & Research, Lelystad, The Netherlands

³National Institute for Agrarian and Veterinary Research (INIAV/IP), Oeiras, Portugal

⁴Institute of Microbiology and Epizootics, Centre for Infection Medicine, School of Veterinary Medicine, Freie Universität Berlin, Berlin, Germany

⁵Veterinary Centre for Resistance Research (TZR), School of Veterinary Medicine, Freie Universität Berlin, Berlin, Germany

⁶University of Copenhagen, Department of Veterinary and Animal Sciences, Frederiksberg, Denmark

⁷EUCAST Development Laboratory, Clinical Microbiology Central Hospital, Växjö, Sweden

⁸Finnish Food Authority, Microbiology unit, Helsinki, Finland

⁹Royal GD, Deventer, The Netherlands

09.50 - 10.10

L21 Antimicrobial Resistance, Virulence and Biofilm Formation in Coagulase-Negative Staphylococci from Animals

Silva V.^{1,2,3,4}, Caniça M.^{5,6}, Silva A.^{1,2,3,4}, Pereira J.E.^{1,7,8}, Igrejas G.^{2,3,4}, Poeta P.^{1,7,8}

¹Microbiology and Antibiotic Resistance Team (MicroART), Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

²Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

³Functional Genomics and Proteomics Unit, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

⁴LAQV-REQUIMTE, Department of Chemistry, NOVA School of Science and Technology, Universidade Nova de Lisboa, Caparica, Portugal

⁵National Reference Laboratory of Antibiotic Resistances and Healthcare Associated Infections (NRL-AMR/HAI), Department of Infectious Diseases, National Institute of Health Dr Ricardo Jorge, Lisbon, Portugal

⁶Centre for the Studies of Animal Science, Institute of Agrarian and Agri-Food Sciences and Technologies, Oporto University, Oporto, Portugal

⁷CECAV—Veterinary and Animal Research Centre, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

⁸Associate Laboratory for Animal and Veterinary Science (AL4AnimalS), University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

- 10.10 - 10.30** **L22 Resistance Genes in MRSP Isolated from Pets With Soft Tissue Infections**
Spagnolo E.¹, Berlanda M.², Drigo I.¹, Cocchi M.¹, Perin R.¹, Deotto S.¹, Pasotto D.², Ceglie L.¹, Corrò M.¹
¹*Istituto Zooprofilattico delle Venezie, Legnaro (PD);*
²*Università degli studi di Padova, Dipartimento di Medicina Animale, Produzioni e Salute, Legnaro (PD)*
- 09.00 - 10.30** Microbiological Diagnostics and Genomics Session
 Chair: **Filip Boyen**
- 09.00 - 09.30** **Invited Lecture** Arnold Hall II
 Diagnostic tools for (rapid) identification, strain typing, and antimicrobial susceptibility testing of *Mycoplasma bovis*
Jade Bokma Ghent University
- 09.30 - 09.50** **L23 Evaluation of the Bruker® Rapid Sepsityper Protocol for the Rapid Diagnosis of Bacteraemia, Joint and Urinary Tract Infections in Companion Animals**
Zendri F., Ellis C., Ravenscroft A., Bandara Athauda B., Maciucă I.E., Wattret A., Timofte D.
Department of Veterinary Anatomy, Physiology and Pathology, Institute of Infection, Veterinary and Ecological Sciences, Leahurst Campus, University of Liverpool, Chester High Road, Neston CH64 7TE, UK
- 09.50 - 10.10** **L24 Serogroups of *Dichelobacter Nodosus* in Dutch Sheep Farms Detected Using a Multiplex Real-Time PCR**
Dekker C.N.T.¹, Dhungyel O.², Everts R.R.^{3,4}, Groeneveld M.⁴, Hoogeveen J.¹, Timmerman A.¹, Zweerus H.¹, Mokbel M.¹, Duim B.¹
¹*Faculty of Veterinary Medicine, Utrecht University, Utrecht, The Netherlands*
²*Sydney School of Veterinary Science, The University of Sydney, Australia*
³*Dutch Sheep and Goat Breeders Association (NSFO), Zaltbommel, The Netherlands*
⁴*Veterinary Center South-East Drenthe, Coevorden, The Netherlands*
- 10.10 - 10.30** **L25 The First Case of Lactococcosis in Rainbow Trout (*Oncorhynchus Mykiss*) From Slovenia**
Pavlin K., Golob M., Seničar M., Svava T., Zdovc I.
Veterinary Faculty of the University of Ljubljana, Ljubljana, Slovenia
- 10.30 - 11.15** Coffee break / Poster Session C Antimicrobial Resistance
- 11.15 - 12.45** Antimicrobial Resistance and Food Microbiology Session Arnold Hall I
 Chair: **Patricia Poeta**
- 11.15 - 11.30** **L25A LEVOFLOXACIN ACTIVITY AGAINST *P. MULTOCIDA* AND *E. COLI* ISOLATED FROM RABBITS**
Sitovs A.¹, Skadins I.², Purvina S.¹, Bandere D.³
¹*Dept. of Pharmacology, Riga Stradins University, Riga, Latvia;*
²*Dept. of Biology and Microbiology, Riga Stradins University, Riga, Latvia;*
³*Dept. of Pharmaceutical Chemistry, Riga Stradins University, Riga, Latvia*
- 11.30 - 11.45** **L25B ANTIMICROBIAL RESISTANT *E. COLI* IN IRISH RAW MILK**
Teeling M.¹, Naranjo-Lucena A.², Gutiérrez M.¹, Madigan G.², Murphy D.¹, Heslin R.¹, Prendergast D.¹
¹*Food Microbiology Division DAFM Laboratories Backweston, Ireland*
²*Bacteriology and Parasitology Division, DAFM Laboratories Backweston, Ireland*
- 11.45 - 12.05** **L26 Surveillance of MDR “Escape” Organisms and *Escherichia Coli* in Equine Hospital Environments Informing Infection Control**
Timofte D.¹, Lawson A.¹, Isgren C.², Zendri F.¹, Devaney J.¹, Malalana F.¹, Pinchbeck G.¹
¹*Institute of Infection, Veterinary and Ecological Sciences, Leahurst Campus, University of Liverpool, Chester High Road, Neston CH64 7TE, UK*
²*Western Counties Equine Hospital, Culmstock, Cullompton, EX15 3LA*
- 12.05 - 12.25** **L27 *Staphylococcus Aureus* ST612 Outbreak in an Equine Referral Clinic in the Netherlands**
Kannekens-Jager M.M., Zomer A.L., Broekhuizen-Stins M.J., Wagenaar J.A., Broens E.M.
Veterinary Microbiological Diagnostic Centre (VMDC), Division of Infectious Diseases and Immunology, Faculty of Veterinary Medicine, Utrecht University, Netherlands

- 12.25 - 12.45** **L28 Surveillance and Infection Control in Equine Hospitals (Sentinel): A Pilot Study in the Equine ICU**
Hopman N.E.M.¹, Stringer T.J.¹, van den Brom-Spienburg A.J.², Theelen M.J.P.², Broens E.M.¹
¹Department of Biomolecular Health Sciences, Faculty of Veterinary Medicine, Utrecht University, Utrecht, the Netherlands
²Department Clinical Sciences, Equine sciences, Faculty of Veterinary Medicine, Utrecht University, Utrecht, the Netherlands
- 11.15 - 12.45** Microbiological Diagnostics and Genomics Session
Chair: **Rachel Marschang** **Arnold Hall II**
- 11.15 - 11.45** **Invited Lecture**
MOLECULAR AND GENOMIC SURVEILLANCE OF Paenibacillus larvae, THE CAUSATIVE AGENT OF AMERICAN FOULBROOD
Papić B., Ocepek M. P., Zvokelj L., Hočevár B., Kozar M., Rus R., Zajc U., Kušar D.
University of Ljubljana, Veterinary Faculty, Ljubljana, Slovenia
- 11.45 - 12.05** **L29 Canine Staphylococcaceae Circulating in a Kenyan Animal Shelter**
Akarsu H.^{1,2}, Liljander A. M.³, Lacasta A.³, Ssajakambwe P.^{3,4}, Brodard I.¹, Cherbuin J. D. R.^{1,5,6}, Torres-Puig S.¹, Perreten V.¹, Kuhnert P.¹, Labroussaa F.^{1,5}, Jores J.^{1,3,5*}
¹Institute of Veterinary Bacteriology, University of Bern, Länggassstrasse 122, CH-3012 Bern, Switzerland
²SIB Swiss Institute of Bioinformatics, Switzerland
³International Livestock Research Institute, PO Box 30709, 00100 Nairobi, Kenya
⁴Department of Veterinary Pharmacy, Clinical and Comparative Medicine, College of Veterinary Medicine, Animal Resources and Biosecurity, Makerere University, P.O.BOX 7062, Kampala, Uganda
⁵Multidisciplinary Center for Infectious Diseases, University of Bern, Switzerland
⁶Graduate School for Biomedical Science, University of Bern, Bern, Switzerland
- 12.05 - 12.25** **L30 Epidemiological Surveillance And Strain Typing Of Enterobacter Cloacae Isolates Retrieved From Clinical Cases And Environmental Sources In Veterinary Settings (2019-2023)**
Sosa-Portugal S., Maciuca I.E., Zendri F., Bandara B., Ravenscroft A., Wattret A., Timofte D.
Department of Veterinary Anatomy, Physiology and Pathology, Institute of Infection, Veterinary and Ecological Sciences, Leahurst Campus, University of Liverpool, Neston, United Kingdom
- 12.25 - 12.45** **L31 Detection of Honeybee Pathogenic Viruses In Butterflies In Slovenia Pislak**
Ocepek M.¹, Glavan G.², Verovnik R.², Šimenc L.³, Toplak I.^{3*}
¹Institute of Pathology, Wild Animals, Fish and Bees, Veterinary Faculty, University of Ljubljana, Slovenia
²Department of Biology, Biotechnical Faculty, University of Ljubljana, Slovenia
³Institute of Microbiology and Parasitology, Virology Unit, Veterinary Faculty, University of Ljubljana, Slovenia
- 13.00- 14.15** **Lunch**
- 14.15-15.15** Antimicrobial Resistance and Food Microbiology Session
Chair: **Dorina Timofte** **Arnold Hall I**
- 14.15 - 14.35** **L32 High Capacity of Biofilm Formation in Multidrug-Resistant Salmonella Infantis Strains and Morphotype Association**
Musa L.^{1,2}, Stefanetti V.¹, Toppi V.¹, Spata N.¹, Di Giacinto G.¹, Franciosini M.P.¹, Grilli G.², Proietti P. C.¹
¹Department of Veterinary Medicine, University of Perugia
²Department of Veterinary Medicine and Animal Sciences, University of Milan
- 14.35 - 14.55** **L33 Antibiotic Susceptibility and Biofilm Formation in ESBL-/AmpC-/Carbapenemase- Producing Escherichia Coli Isolated from Fecal Samples in Dogs and Cats**
Facchin A., Ratti G., Filipe J., Dall'Ara P., Lauzi S.
Department of Veterinary Medicine and Animal Sciences, Università degli Studi di Milano, Milan, Italy

- 14.55 - 15.15** L34 **Antimicrobial Use and Antimicrobial Resistance in the Livestock Sector of Eastern Europe, Caucasus, and Central Asia**
Kovacs D.¹, Deckert A.², Raizman E.¹, Latronico F.³, Beltran-Alcrudo D.¹
¹*Food and Agriculture Organization of the United Nations, Regional Office for Europe and Central Asia, Budapest, Hungary*
²*University of Guelph, Guelph, Canada*
³*Food and Agriculture Organization of the United Nations, Headquarters, Rome, Italy*

14.15 - 15.15 Microbiological Diagnostics and Genomics Session
Chair: **Els Broens**

Arnold Hall II

- 14.15 - 14.35** L35 **Pseudomonas Aestus Isolation from the Nasal Cavity of a Cat with Chronic Rhinitis**
Abreu R.^{1,2}, Mouro S.³, Guerreiro J. F.^{1,2}, Sousa S. A.^{4,5}, Leitão J. H.^{4,5}, Pissarra H.^{1,2}, Cunha E.^{1,2}, Tavares L.^{1,2}, Oliveira M.^{1,2}
¹*CIIISA – Centre for Interdisciplinary Research in Animal Health, Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal*
²*AL4AnimalS – Associate Laboratory for Animal and Veterinary Sciences, Lisbon, Portugal*
³*Veterinary Teaching Hospital, Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal*
⁴*Department of Bioengineering, IBB-Institute for Bioengineering and Biosciences, Instituto Superior Técnico, University of Lisbon, Lisbon, Portugal*
⁵*Associate Laboratory, i4HB-Institute for Health and Bioeconomy, Instituto Superior Técnico, University of Lisbon, Lisbon, Portugal*

- 14.35 - 14.55** L36 **A Metabolomics Approach for the Early Detection of Campylobacter spp. in Broiler Houses By Volatile Organic Compounds**
van der Most M.¹, Mumm R.², te Beest D.², Pacholewicz E.¹, van Solt C.B.¹, Koene M.G.J.¹
¹*Wageningen Bioveterinary Research, Wageningen UR, Lelystad, The Netherlands*
²*Wageningen Plant Research, Wageningen UR, Wageningen, The Netherlands*

- 14.55 - 15.15** L37 **Detection and Molecular Characterisation of Actinomyces Denticolens Causing Lymph Node Abscessation in Horses**
van den Wollenberg L.¹, van Maanen C.¹, Buter R.¹, Janszen P.², Rey F.³, van Engelen E.¹
¹*GD Animal Health, Deventer, The Netherlands*
²*Equine clinic De Raaphorst, Wassenaar, The Netherlands*
³*Veterinary clinic Winsum, Groningen, The Netherlands*

15.15 - 16.00 Coffee break / Poster Session D Antimicrobial Resistance, Virology, Veterinary Virology

Arnold Hall I

16:00-17:00 Plenary Session / Round table, discussion and closure

Gene expression analysis

TaqMan Assays and master mixes
GeneChip gene expression microarrays
QuantStudio family of real-time and digital PCR systems
Ion GeneStudio sequencers and reagents
RNA isolation kits

Genotyping

AgriSeq products for targeted GBS
Capillary electrophoresis genetic analyzers and reagents
Ion GeneStudio sequencers and reagents
Axiom microarrays
DNA isolation kits
Real-time PCR solutions

Synthetic biology and genetic engineering

Qubit Fluorometer
SimpliAmp Thermal Cycler
Cloning kits and competent cells
E-Gel agarose gels
PCR enzymes and oligos
DNA isolation kits
Gene editing tools

Genome sequencing

Ion GeneStudio sequencers and reagents
Capillary electrophoresis genetic analyzers and reagents

GMO testing and detection

TaqMan Assays
QuantStudio family of real-time and digital PCR systems



omegac

POSTER LIST

Friday 22nd September 2023

10.00 - 10.45 *Coffee break / Poster Session A*
Veterinary Bacteriology

PSA01

EVIDENCE FOR SPORADIC COXIELLA BURNETII EXCRETION IN SHEEP AND GOAT MILK, CENTRAL PORTUGAL

Pires H.¹, Pereira M.A.^{2,3,4}, Nóbrega C.^{2,5}, Cruz R.^{2,6,7}, Esteves F.^{2,4}, Vala H.^{2,4,5}, Santos-Silva S.⁸, Barradas P.F.^{6,7,9}, Matos A.C.^{10,11}, Coelho A.C.^{12,13}, Mesquita J.R.^{6,7,8}

¹Polytechnic Institute of Castelo Branco, Castelo Branco, Portugal

²Instituto Politécnico de Viseu, Escola Superior Agrária de Viseu, Campus Politécnico, Viseu, Portugal

³Global Health and Tropical Medicine (GHTM), Instituto de Higiene e Medicina Tropical (IHMT), Universidade Nova de Lisboa, UNL, Lisboa, Portugal.

⁴CERNAS-Research Centre for Natural Resources, Environment and Society, ESAV, Instituto Politécnico de Viseu, Viseu, Portugal

⁵Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), University of Trás-os-Montes e Alto Douro, Vila Real, Portugal

⁶Epidemiology Research Unit (EPIUnit), Instituto de Saúde Pública da Universidade do Porto, Porto, Portugal

⁷Laboratório para a Investigação Integrativa e Translacional em Saúde Populacional (ITR), Porto, Portugal

⁸ICBAS-School of Medicine and Biomedical Sciences, Porto University, Porto, Portugal

⁹Department of Sciences, CESPU, CRL, University Institute of Health Sciences (IUCS), Gandra, Portugal

¹⁰Research Center for Natural Resources, Environment and Society, Polytechnic Institute of Castelo Branco, Castelo Branco, Portugal

¹¹Researcher at Q-RURAL – Quality of Life in the Rural World, Polytechnic Institute of Castelo Branco, Castelo Branco, Portugal

¹²Animal and Veterinary Research Centre, University of Trás-os-Montes e Alto Douro (UTAD), Vila Real, Portugal

¹³Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Portugal

PSA02

DETECTION OF CANDIDATUS MYCOPLASMA HAEMOLAMAE IN SOUTH AMERICAN CAMELIDS FARMED IN ITALY

Ratti G.¹, Sala G.², Ferrulli V.¹, Scavone D.¹, Stranieri A.¹, Giordano A.¹, Boccardo A.¹, Pravettoni D.¹, Lauzi S.¹

¹Department of Veterinary Medicine and Animal Sciences, Università degli Studi di Milano, Milan, Italy

²Department of Veterinary Science, Università di Pisa, Pisa, Italy

PSA03

BACTERIA AND ANTIMICROBIAL SUSCEPTIBILITY FROM CANINE LIQUOR SAMPLES OVER A 3 YEAR PERIOD

Schneider M.¹, Heusinger A.¹, Müller E.¹, Marschang R.E.¹

¹Laboklin GmbH & CO KG, Steubenstr. 4, 97688 Bad Kissingen, Germany

PSA04

A NOVEL SPECIES OF THE PASTEURELLACEAE CAUSING PNEUMONIA IN A BEARDED DRAGON (POGONA VITICEPS)

Gross N.¹, de Sales-Ribeiro C.², Honsperger M.³, Feyer S.¹, Kittl S.¹

¹Institute of Veterinary Bacteriology, Vetsuisse Faculty, University of Bern, Bern, Switzerland

²Institute of Animal Pathology, Vetsuisse Faculty, University of Bern, Bern, Switzerland

³Verein & Zoo Johns kleine Farm, Kallnach, Switzerland

PSA05**PERFORMANCE OF FOURIER-TRANSFORM INFRARED SPECTROSCOPY FOR TYPING OF *Mannheimia haemolytica***

van Engelen E., Dijkman R., het Lam J., Sniijders- van de Burgwal N., HeuvelinkRoyal GD A.E.
Animal Health Service, Deventer, The Netherlands

PSA06**PATHWAYS- ENLIGHTENING THE ROLE OF PASTEURELLA MULTOCIDA IN THE PATHOGENESIS OF BOVINE RESPIRATORY DISEASE**

Ahmadi A.¹, Oma V.S.¹, Ånestad L.M.², Klem T.B.¹, Stokstad M.¹, M. Myrmel M.¹,
 Llarena A.K.¹

¹Norwegian University of Life Sciences, Ås, Norway

²Norwegian Veterinary Institute, Ås, Norway

PSA07**THE COMPOSITION OF MASTITIS CAUSING MICROORGANISMS AND CYTOKINES IN HEALTHY COW'S MILK: A PILOT STUDY**

Pilmane M.¹, Junga A.¹, Gontar Ł.², Kochański M.², Drutowska A.², Prieto-Simón B.³

¹Riga Stradins University, Riga, Latvia

²Research and Innovation Centre Pro-Akademia, Konstantynów Łódzki, Poland

³Universitat Rovira i Virgili, Tarragona, Spain

PSA08**ENTEROBACTERIALES DOMINATE IN EGGS AFTER HATCHING FAILURE IN THE TREE SPARROW (PASSER MONTANUS)**

van Engelen E.¹ Post, K.², van Engelen G.³, Timmerman A.⁴,

¹Royal GD, Deventer, the Netherlands

²Radboud University, Nijmegen, the Netherlands

³University of Twente, Enschede, the Netherlands

⁴Ringgroep Fûgel - en Natoerbeskermingswacht Eastermar, Eastermar, the Netherlands

PSA09**IN VITRO CHARACTERIZATION AND PRELIMINARY EFFICACY ASSESSMENT IN GALLERIA MELLONELLA LARVAE OF FOUR NEWLY ISOLATED BACTERIOPHAGES ACTIVE AGAINST AEROMONAS SALMONICIDA**

Desmecht S.¹, Antoine C.¹, Laforêt F.¹, Touzain F.², Vermeersch M.³, Leroux A.²,
 Duprez J.N.¹, Schonbrodt A.⁴, Liefbrig F.⁵, Thiry D.¹

¹Veterinary bacteriology, Department of parasitic and infectious diseases, FARAH, ULiège, Liège, Belgium

²Viral Genetics and Bio-Security Unit, ANSES, Ploufragan, France

³Center for Microscopy and Molecular Imaging, Electron microscopy laboratory, ULB, Gosselies, Belgium

⁴Independent fish farm veterinarian, Hargimont, Belgium

⁵Fish Pathology Laboratory, CER groupe, Marche-en-Famenne, Belgium

PSA10**PERSISTENCE AND SPREAD OF SALMONELLA INFANTIS ON A BROILER FARM**

Kavalič M.¹, Papič B.¹, Mičunović J.¹, Kušar D.¹, Šemrov N.², Zorman Rojs O.¹, Avberšek J.¹

¹University of Ljubljana, Veterinary Faculty, Ljubljana, Slovenia

²VET.AM.JATA d.o.o., Domžale, Slovenia

PSA11**CHARACTERIZATION OF FORESKIN MICROBIOTA OF BUCKS WITH MICROLITHIASIS BY USING NGS TECHNOLOGIES**

Mrenoshki D.¹, Pellegrini F.¹, Lanave G.¹, Diakoudi G.¹, Martella V.¹, Odigie A.E.¹,
 Muhamud Yusuf M. Sh.¹, Argiolas G.², Decaro N.¹, Tempesta M.¹, Greco G.¹

¹Department of Veterinary Medicine, University of Bari Aldo Moro, Bari, Italy

²Veterinarian Freelancer, Sementusa Tech, Cagliari, Italy



PSA12

LONG-TERM FOLLOW-UP OF MYCOPLASMA HYOPNEUMONIAE-SPECIFIC CELL-MEDIATED IMMUNITY IN VACCINATED PIGS

Biebaut E.¹, Beuckelaere L.¹, Boyen F.², Haesebrouck F.², Devriendt B.³, Maes D.¹

¹Department of Internal Medicine, Reproduction and Population Medicine, Ghent University, Merelbeke, Belgium

²Department of Pathobiology, Pharmacology and Zoological Medicine, Ghent University, Merelbeke, Belgium

³Department of Translational Physiology, Infectiology and Public Health, Ghent University, Merelbeke, Belgium

PSA13

THE ROLE OF THE DEPARTMENT OF VETERINARY SCIENCE OF TURIN UNIVERSITY (ITALY) IN THE PRESERVATION OF MICROORGANISMS OF VETERINARY INTEREST

Nebbia P., Bellato A., Scalas D., Stella M.C., Molinar Min A.R., Peano A., Robino P.

University of Turin, Department of Veterinary Sciences, Grugliasco (Turin), Italy

PSA14

STABILITY AND LYTIC ACTIVITY ASSESSMENT OF BACTERIOPHAGES TARGETING STAPHYLOCOCCUS AUREUS CAUSING BOVINE MASTITIS IN MILK

Diderich J.¹, Antoine C.¹, Laforêt F.¹, Desmecht S.¹, Duprez J-N.¹, Miyamoto T.², Thiry D.¹

¹Laboratory of Bacteriology, Department of Infectious and Parasitic Diseases, FARA, Faculty of Veterinary Medicine, University of Liège, 4000 Liège, Belgium

²Laboratory of Food Hygienic Chemistry, Department of Bioscience and Biotechnology, Faculty of Agriculture, Kyushu University, 6-10-1, Hakozaki, Higashi-ku, Fukuoka, 812-8581, Japan

PSA15

EARLY ADMINISTRATION OF GRAMNEGATIVE GUT ANAEROBES REDUCES E. COLI COLONIZATION OF DAY-OLD-CHICKS INCLUDING A VIRULENT APEC STRAIN

Papouskova A.¹, Rychlik I.², Harustiakova D.³, Cizek A.⁴

¹Institute of Microbiology and Infectious Diseases, Faculty of Veterinary Medicine, University of Veterinary Sciences Brno, Brno, The Czech Republic

²Veterinary Research Institute, Brno, The Czech Republic

³RECETOX, Faculty of Science, Masaryk University, Brno, The Czech Republic

PSA16

WILD BOAR (SUS SCROFA) S A POSSIBLE SOURCE OF CLOSTRIDIODES DIFFICILE FOR HUMNAS

Masarikova M., Haas D.

Department of Infectious Diseases and Microbiology, Faculty of Veterinary Medicine, University of Veterinary Sciences Brno, Brno, Czech Republic

PSA17

SAMPLING AND INTERPRETING BLOOD CULTURES OBTAINED FROM SEPSIS-SUSPECTED CALVES

Pas M.L.¹, Boyen F.², Castelain D.¹, Pardon B.¹, Bokma J.¹

¹Department of Internal Medicine, Reproduction and Population Medicine, Faculty of Veterinary Medicine, Ghent University, Merelbeke, Belgium

²Department of Pathobiology, Pharmacology and Zoological Medicine, Faculty of Veterinary Medicine, Ghent University, Merelbeke, Belgium

PSA18

PASTEURELLA MULTOCIDA OCULAR INFECTION IN A LITTLE OWL (ATHENE NOCTUA): A CASE REPORT

Colitti B.¹, Ippolito D.¹, Serpieri M.², Ottino C.², Robino P.¹, Teresa Capucchio M.¹, Bertolotti L.¹

¹Department of Veterinary Sciences, University of Turin, Largo Braccini 2, 10095, Grugliasco, Turin, Italy

²Centro Animali Non Convenzionali, Department of Veterinary Sciences, University of Turin, Largo Braccini 2, 10095, Grugliasco, Turin, Italy

PSA19

EVALUATION OF ANTIMICROBIAL RESISTANCE PATTERN IN GRAM NEGATIVE BACTERIA AFTER A CASE OF HOSPITAL-ASSOCIATED INFECTION IN A CAT

Mezzasalma N., Spadini C., Rega M., Montanaro S L., Iannarelli M., Fidanzio F., Corsini A., Cataldo E., Quintavalla C., Bacci C., Bonardi S. e Cabassi C S.

Department of Veterinary Science, University of Parma, Strada del Taglio 10, 43126, Parma, Italy

PSA20

SELECTION OF AQUATIC-ORIGIN LACTIC ACID BACTERIA AND THEIR SAFETY FOR SUBSEQUENT APPLICATION IN HUMAN AND ANIMAL HEALTH

Vargas-González A.¹, Barajas M.¹, Pérez-Sánchez T.²

¹Public University of Navarre, Pamplona, Spain

²University of La Rioja, Logroño, Spain

PSA21

EUROPEAN VETERINARY BAROMETER FOR BOVINE RESPIRATORY DISEASES: A COMPREHENSIVE TOOL FOR MAPPING DIAGNOSTIC TEST RESULTS AND GEOLOCATION OF RESPIRATORY TRACT SAMPLES FROM CATTLE

Bokma J.¹, Santman-Berends I.², Vidal G.³, Hostens M.^{1,8}, Ribbens S.⁴, Evrard J.⁵, Theuns J.⁶, Sánchez-Miguel C.⁷, van Schaik G.^{2,8}, Pardon B.¹

¹Department of Internal Medicine, Reproduction, and Population Medicine, Faculty of Veterinary Medicine, Ghent University, Merelbeke, Belgium

²Department of Research & Development, Royal GD, AA Deventer, The Netherlands

³Department of Disease Control and Epidemiology, National Veterinary Institute, Uppsala, Sweden

⁴Animal Health Service Flanders (DGZ-Vlaanderen), Torhout, Belgium

⁵Regional Association for Animal Identification and Health (ARSIA) asbl, Ciney, Belgium;

⁶PathoSense BV, Lier, Belgium

⁷Department of Agriculture, Food and the Marine, Cork Regional Veterinary Laboratory, Cork, Ireland

⁸Department of Farm Animal Health, Faculty of Veterinary Medicine, Utrecht University, The Netherlands

15.45- 16.30 Coffee break / Poster Session B Veterinary Bacteriology, Mycology, Microbiological Diagnostics, Genomics, Food Microbiology

PSB01

CAMPYLOBACTER REDUCTION AND MODE OF ACTION BY THE POTENTIAL PROBIOTIC BACILLUS SUBTILIS PS-216 IN VITRO AND IN VIVO IN THE CHICKEN HOST

Šimunović K.¹, Štefanič P.¹, Klančnik A.¹, Di Lorenzo M.¹, Rezar V.¹, Salobir J.¹, Pirman T.¹, Sikić Pogačar M.², Zorman Rojs O.³, Krapež U.³, Smole Možina S.¹, Mandić Mulec I.¹

¹Biotechnical Faculty, University of Ljubljana, Jamnikarjeva 101, 1000 Ljubljana, Slovenia

²Medical Faculty, University of Maribor, Taborska ulica 8, 2000 Maribor, Slovenia

³Veterinary Faculty, University of Ljubljana, Gerbičeva 60, 1000 Ljubljana, Slovenia

PSB02

3MTM MOLECULAR DETECTION ASSAY FOR RAPID DETECTION OF SALMONELLA SPP. AND LISTERIA MONOCYTOGENES IN FOOD SAMPLES

Zugelj A.¹, Jarc M.¹, Sinko A.¹, Avberšek J.²

¹University of Ljubljana, Veterinary Faculty, National Veterinary Institute Unit Maribor, Slovenia

²University of Ljubljana, Veterinary Faculty, Institute of Microbiology and Parasitology, Slovenia

PSB03

CHALLENGE TEST FOR ASSESSING THE GROWTH POTENTIAL, MAXIMUM GROWTH RATE AND DURABILITY STUDY OF LISTERIA MONOCYTOGENES IN "ZASEKA" SAMPLE

Jarc M.¹, Zugelj A.¹, Dugar K.², Sinko A.¹, Biasizzo M.³

¹University of Ljubljana, Veterinary Faculty, National Veterinary Institute Unit Maribor, Slovenia

²Panvita d.o.o., Murska Sobota, Slovenia

³University of Ljubljana, Veterinary Faculty, Food safety department, Slovenia

PSB04

DIETZIA CALABRIAE SP. NOV.: FIRST CHARACTERIZATION OF AN ANIMAL BACTERIAL SPECIES

Attili A.-R.¹, Gonçalves dos Santos R.², Neres Rodrigues D.L.², Lima A.², Rifici C.³, Spier⁴, G. Mazzullo S.J.³, Morais-Rodrigues F.², Pinto Gomide A.C.², Brenig B.5, Cuteri V.¹, de Paula Castro T.L.^{2,6}, Seyffert N.^{2,6}, de Jesus Sousa T.², Azevedo V.²

¹School of Biosciences and Veterinary Medicine, University of Camerino, Matelica Italy

²Cellular and Molecular Genetics Laboratory, Institute of Biological Sciences, Federal University of Minas Gerais, Belo Horizonte, MG, Brazil

³Department of Veterinary Science, University of Messina, Messina, Italy

⁴Department of Veterinary Medicine and Epidemiology, University of California, Davis, California, USA

⁵Institute of Veterinary Medicine, University of Göttingen, Göttingen, Germany

⁶Institute of Health Sciences, Federal University of Bahia, Salvador, BA, Brazil

PSB05

GENETIC DIVERSITY OF VIRULENCE FACTORS AND SECONDARY METABOLITES IN *Paenibacillus* larvae

Papić B., Kušar D.

University of Ljubljana, Veterinary Faculty, Institute of Microbiology and Parasitology, Ljubljana, Slovenia

PSB06

GENETIC CHARACTERISTICS OF *Paenibacillus* larvae STRAINS CAUSING RECURRENT OUTBREAKS OF AMERICAN FOULBROOD IN EASTERN SLOVENIA, 2022

Papić B.¹, Žugelj A.², Lešnik V.², Kušar D.¹

¹University of Ljubljana, Veterinary Faculty, Institute of Microbiology and Parasitology, Ljubljana, Slovenia

²National Veterinary Institute – Unit Maribor, Maribor, Slovenia

PSB07

THE MICRO EPIDEMIC ONE HEALTH: A PROJECT OF NARRATIVE MEDICINE INVOLVING STUDENTS, PROFESSIONALS IN TRAINING AND CITIZENS, TO INCREASE KNOWLEDGE AND SKILLS ON ZOOLOSES.

Marenzoni M.L.¹, Rivosecchi E.², Tufaro C.¹, Roccetti M.², Erman Or M.³, Bilgiç B.³, Md Rahman T.⁴, Ciappelloni R.²

¹Dipartimento di Medicina Veterinaria, Università degli Studi di Perugia, Italia.

²Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche, Perugia, Italia.

³Veterinary Faculty, Department of Internal Medicine, Istanbul University-Cerrahpasa, Turchia.

⁴Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh, Bangladesh.

PSB08

CHARACTERISATION OF FLAVOBACTERIUM SPP. FROM DISEASED AND APPARENTLY HEALTHY RAINBOW TROUT (*ONCORHYNCHUS MYKISS*) FARMED IN SLOVENIA

Pavlin K., Zdovc I., Ocepek M., Papić B., Knific T., Žele Vengušt D., Sitar R., Seničar M., Švara T.

Veterinary Faculty of the University of Ljubljana, Ljubljana, Slovenia

PSB09

OCCURENCE OF INFECTIOUS AGENTS CAUSING ABORTION IN SLOVENIAN AUTOCHTHONOUS SHEEP BREEDS

Golob M.¹, Avberšek J.¹, Mičunović J.¹, Kavalič M.¹, Mrkun J.², Krt B.¹

¹University of Ljubljana, Veterinary Faculty, Institute of Microbiology and Parasitology, Ljubljana, Slovenia

²University of Ljubljana, Veterinary Faculty, Clinic for Reproduction and Large Animals, Ljubljana, Slovenia

PSB10

FUNGAL PNEUMONIA WITH PURPUREOCILLIUM LAVENDULUM IN A PLUMED BASILISK (*BASILISCUS PLUMIFRONS*)

Tresch M.¹, He C.², Wyss F.³, Feyer S.¹, Gohl E.¹, Kittl S.¹

¹Institute of Veterinary Bacteriology, Vetsuisse Faculty, University of Bern, Bern, Switzerland

²Institute of Animal Pathology, Vetsuisse Faculty, University of Bern, Bern, Switzerland

³Zoo Basel, Basel, Switzerland

PSB11

SCREENING OF ASPERGILLUS SPP. IN PETS AND FOMITES IN PORTUGAL

Soares A.S.¹, Afonso P.^{1,2}, Quintas H.², Cardoso L.¹, Coelho A.C.¹

¹Animal and Veterinary Research Centre (CECAV), University of Trás-os-Montes e Alto Douro (UTAD), Vila Real, Portugal; Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Portugal

²Mountain Research Center (CIMO), IPB; Agrarian School, Polytechnic Institute of Bragança (IPB), Bragança, Portugal

PSB12

PENICILLIUM LABRADORUM DISSEMINATED INFECTION IN A GERMAN SHEPHERD DOG

Medardo M.¹, Capozza P.², Xenoulis A.³, Cocciolo G.¹, Marino M.¹, Rigamonti P.³, Pinotti G.³, Martino P. A.⁴, Cafarchia C.², Martella V.², Decaro N.²

¹Veterinary Analysis Laboratory MyLav La Vallonea (Milan, Italy)

²Department of Veterinary Medicine, University of Bari (Bari, Italy)

³Orobica Veterinary Clinic (Bergamo, Italy)

⁴One Health Unit-Department of Biomedical, Surgical and Dental Sciences, University of Milan (Milan, Italy)

PSB13

ALTERNARIA ALTERNATA IN THE FUR OF OUR DOGS AND CATS - IMPLICATIONS IN PUBLIC HEALTH

Afonso P.^{1,2,3}, Silva D.⁴, Vieira A.F.⁵, Pinto E E.⁵, Soares A.S.¹, Matos M.^{6,7}, Quintas H.^{2,3}, Cardoso L.^{1,4}, Coelho A.C.^{1,4}

¹Animal and Veterinary Research Centre (CECAV), Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Vila Real, Portugal

²Agrarian School, Instituto Politécnico de Bragança (IPB), Bragança, Portugal

³Mountain Research Center (CIMO), IPB, Bragança, Portugal

⁴Department of Veterinary Sciences, UTAD, Vila Real, Portugal

⁵Student of the Genetics and Biotechnology, UTAD, Vila Real, Portugal

⁶Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), UTAD, Vila Real, Portugal

⁷Department of Genetics and Biotechnology, UTAD, Vila Real, Portugal

PSB14

SYSTEMIC CANDIDA INFECTION AND PULMONARY ASPERGILLOSIS IN AN ALPACA (VICUGNA PACOS): A CASE REPORT.

Grassi A¹, Prati P¹, Decaro N.², Luppi A.¹, Cafarchia C.²

¹Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna, Pavia-Parma, Italy

²Università degli studi di Bari, Dipartimento di Medicina Veterinaria, Valenzano –BA-, Italy

PSB15

OPHIDIOMYCES OPHIDIICOLA FROM LAKE GARDA (ITALY) BELONGS TO CLADE I

Marini D.^{1,2}, Di Nicola M.R.³, Crocchianti V.⁴, Di Criscio M.², Ruegg J.², Marenzoni M.L.¹

¹Department of Veterinary Medicine, University of Perugia, Perugia, Italy

²Department of Organismal Biology, EBC, Uppsala University, Uppsala, Sweden

³Unit of Dermatology, IRCCS San Raffaele Hospital, Milan, Italy

⁴Service d'Anatomie Pathologique, VetAgro Sup, Marcy l'Etoile, France

PSB16

IN VITRO EVALUATION OF INNOVATIVE ANTIMICROBIAL APPROACHES AIMING AT CONTROLLING OTITIS BY PSEUDOMONAS AERUGINOSA IN DOGS

A. SOUSA^{1,2}, E. CUNHA^{1,2}, L. TAVARES^{1,2}, A. LOURENÇO^{1,2}, M. OLIVEIRA^{1,2}

¹Centre for Interdisciplinary Research in Animal Health (CIISA), Faculty of Veterinary Medicine, University of Lisbon, Av. da Universidade Técnica de Lisboa, 1300-477 Lisbon, Portugal

²Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS)

PSB17

THE ROLE OF WILD BOARS IN THE CIRCULATION OF TICK-BORNE PATHOGENS: THE FIRST REPORT OF RICKETTSIA MONACENSIS

Fit N.I.¹, Bouari C.¹, Craciun S.¹, Kalmar Z.¹, Matei I.A.¹

¹Faculty of Veterinary Medicine, USAMV Cluj-Napoca, Cluj-Napoca, Romania

PSB18

THE SCREENING OF POTENTIALLY PATHOGENIC BACTERIA IN WILD UNGULATES WITH HOME RANGES IN PROXIMITY OF LIVESTOCK FLOCKS

Buzura-Matei I.A.¹, Nadas G.¹, Novac C.¹, Kalmar Z.¹, Rapuntean S.¹, Fit N.I.¹

¹Faculty of Veterinary Medicine, USAMV Cluj-Napoca, Cluj-Napoca, Romania

PSB19

DETECTION OF ANAPLASMA PHAGOCYTOPHILUM AND EHRLICHIA CANIS IN DOGS FROM A VETERINARY UNIVERSITY HOSPITAL IN ITALY: A RETROSPECTIVE STUDY 2012-2020

Facile V.¹, Sabetti M.C.², Balboni A.¹, Urbani L.¹, Tirollo A.², Tenuzzo M.¹, Dondi F.¹, Battilani M.¹

¹Department of Veterinary Medical Sciences, Alma Mater Studiorum-University of Bologna, Ozzano dell'Emilia (BO), Italy

²Department of Veterinary Sciences, University of Parma, Parma, Italy

PSB20

HIGH SEROPREVALENCE OF BRUCELLA SPP. IN WILD BOAR AND RED DEER IN THE CENTRE OF PORTUGAL

Pires H.¹, Matos M.², Cardoso L.³, Lopes A.P.³, Fontes M.C.³, Pintado C.^{1,4,5}

Figueira L.^{1,5}, Matos A.C.^{1,4,5}, Mesquita J.R.^{6,7,8}, Coelho A.C.³

¹Polytechnic Institute of Castelo Branco (IPCB), Castelo Branco, Portugal

²Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), University of Trás-os-Montes e Alto Douro (UTAD), Vila Real, Portugal

³Animal and Veterinary Research Centre (CECAV), UTAD, Vila Real, Portugal; Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Portugal

⁴Centre Research for Natural Resources, Environment and Society (CERNAS-IPCB), Castelo Branco, Portugal

⁵Researcher at Q-RURAL – Quality of Life in the Rural World, IPCB, Castelo Branco, Portugal

⁶ICBAS – School of Medicine and Biomedical Sciences, Porto University, Porto, Portugal

⁷Epidemiology Research Unit (EPIUnit), Instituto de Saúde Pública da Universidade do Porto, Porto, Portugal

⁸Laboratório para a Investigação Integrativa e Translacional em Saúde Populacional (ITR), Porto, Portugal

Saturday 23rd September 2023

10.30 - 11.15 Coffee break / Poster Session C
Antimicrobial Resistance

PSC01

PSC02

IMMUNOMODULATORY EFFECTS OF CARICA PAPAYA EXTRACT AGAINST EXPERIMENTALLY INDUCED COCCIDIOSIS IN CHICKENS

Coccidiosis in Chickens

Abbas A., Asif Raza M.

Faculty of Veterinary and Animal Sciences, Muhammad Nawaz Shareef
University of Agriculture Multan, Pakistan

PSC03

GOOD NEWS: STRONG DECLINE IN THE PREVALENCE OF THIRD-GENERATION CEPHALOSPORIN-RESISTANT ESCHERICHIA COLI IN BROILERS AND MEAT THEREOF

Overesch G., Akdesir E. Fleury C.

Institute of Veterinary Bacteriology, University of Bern, Bern, Switzerland

PSC04

CAN PHENOLIC COMPOUNDS FROM PYRUS COMMUNIS L. HELP IN THE FIGHT AGAINST ANTIMICROBIAL RESISTANCE?

Ribeiro J.^{1,2,3,4}, Igrejas G.^{5,6}, Reis F S.^{3,4}, Barros L.^{3,4}, Poeta P^{1,7,8}

¹*Microbiology and Antibiotic Resistance Team (MicroART), Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal*

²*Associated Laboratory for Green Chemistry (LAQV-REQUIMTE), University NOVA of Lisbon, Caparica, Portugal*

³*Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança, Campus de Santa Apolónia, Bragança, Portugal*

⁴*Laboratório Associado para a Sustentabilidade e Tecnologia em Regiões de Montanha (SusTEC), Instituto Politécnico de Bragança, Bragança, Portugal*

⁵*Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal*

⁶*Functional Genomics and Proteomics Unit, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal*

⁷*Associate Laboratory for Animal and Veterinary Science (AL4AnimalS), University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal*

⁸*Veterinary and Animal Research Centre (CECAV), University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal*

PSC05

EXPLORING ANTIBIOTIC RESISTANCE IN E. COLI STRAINS ISOLATED FROM SOIL SAMPLES

Sabença C.¹⁻⁴, Torres C.⁵, Igrejas G.²⁻⁴, Poeta P.^{1,4,6,7}

¹*MicroART Antibiotic Resistance Team, Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal*

²*Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal*

³*Functional Genomics and Proteomics Unity, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal*

⁴*Associated Laboratory for Green Chemistry, University NOVA of Lisbon Caparica, Portugal*

⁵*Area Biochemistry and Molecular Biology, University of La Rioja, Logroño, Spain*

⁶*CECAV - Veterinary and Animal Research Centre, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal*

⁷*Associate Laboratory for Animal and Veterinary Science (AL4AnimalS), Portugal*

PSC06

EVALUATION OF BIOFILM FORMATION IN KLEBSIELLA PNEUMONIAE FROM HUMAN SAMPLES

Adão B.¹, Sabença C.²⁻⁵, Costa E.⁶, Sousa S.⁶, Igrejas G.³⁻⁵, Torres C.⁷, Poeta P.^{2,5,8,9}

¹*Genetics and Biotechnology Student, University of Trás-os-Montes and Alto Douro, 5000-801 Vila Real, Portugal*

²*MicroART-Antibiotic Resistance Team, Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro, 5000-801 Vila Real, Portugal*

³*Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro, 5000-801 Vila Real, Portugal*

⁴*Functional Genomics and Proteomics Unit, University of Trás-os-Montes and Alto Douro, 5000-801 Vila Real, Portugal*

⁵*Associated Laboratory for Green Chemistry, University NOVA of Lisbon, 1099-085 Caparica, Portugal*

⁶*Hospital Centre of Trás-os-Montes and Alto Douro, Clinical Pathology Department, Vila Real, Portugal*

⁷*Area of Biochemistry and Molecular Biology, University of La Rioja, 26006 Logroño, Spain*

⁸*CECAV - Veterinary and Animal Research Centre, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal*

⁹*Veterinary and Animal Research Centre, Associate Laboratory for Animal and Veterinary Science (AL4AnimalS) - Vila Real (Portugal)*

PSC07

ISOLATION AND PHENOTYPIC CHARACTERIZATION OF ESCHERICHIA COLI AND KLEBSIELLA SPP. IN RIVER WATER SAMPLES

Freitas F.¹, Sabeñca C.²⁻⁵, Torres C.⁶, Igrejas G.³⁻⁵, Poeta P.^{2,5,7,8}

¹Genetics and Biotechnology Student, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal

²MicroART Antibiotic Resistance Team, Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal

³Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal

⁴Functional Genomics and Proteomics Unity, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal

⁵Associated Laboratory for Green Chemistry, University NOVA of Lisbon Caparica, Portugal

⁶Area of Biochemistry and Molecular Biology, University of La Rioja, Logroño, Spain

⁷CECAV - Veterinary and Animal Research Centre, University of Trás-os-Montes and Alto Douro, Vila Real, Portugal

⁸Associate Laboratory for Animal and Veterinary Science (AL4AnimalS), Portugal

PSC08

ANTIBIOTIC RESISTANCE IN PSEUDOMONAS AERUGINOSA ISOLATED FROM HUMAN URINE SPECIMENS: AN EMERGING HEALTH CONCERN

Farroco M.¹, de Sousa T.²⁻⁵, Costa E.⁶, Alves O.⁶, Hébraud M.^{7,8}, Igrejas G.^{2,3,4}, Poeta P.^{4,5,9,10}

¹Estudante de Bioquímica, Escola de Ciências da Vida e do Ambiente, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

²Departamento de Genética e Biotecnologia, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

³Unidade de Genómica funcional e Proteómica, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

⁴LAQV-REQUIMTE, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, Portugal;

⁵MicroART, Departamento de Ciências Veterinárias, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

⁶Departamento de Patologia Clínica, Centro Médico da Universidade de Trás-os-Montes e Alto Douro, Portugal;

⁷Instituto Nacional de Investigação Agrícola, Alimentar e Ambiente (INRAE), Unidade de Exploração Metabólica e Proteómica (PFEM), France;

⁸INRAE, UMR Microbiologie Environnement Digestif Santé (MEDI-S), Universidade Clermont Auvergne, France;

⁹CECAV – Centro de Pesquisa Veterinária e Animal, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

¹⁰Centro de Pesquisa Veterinária e Animal, Laboratório Associado de Ciência Animal e Veterinária (AL4AnimalS), Portugal.

PSC09

EXPLORING SYNERGISTIC POTENTIAL OF IMIPENEM+CILASTATIN AND TETRACYCLINE IN PSEUDOMONAS AERUGINOSA ISOLATES FROM SEPSIS: A PROMISING STRATEGY FOR COMBATING ANTIMICROBIAL RESISTANCE

Silva C.¹, de Sousa T.²⁻⁵, Costa E.⁶, Alves O.⁶, Hébraud M.^{7,8}, Igrejas G.^{2,3,4}, Poeta P.^{4,5,9,10}

¹Estudante de Bioquímica, Escola de Ciências da Vida e do Ambiente, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

²Departamento de Genética e Biotecnologia, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

³Unidade de Genómica funcional e Proteómica, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

⁴LAQV-REQUIMTE, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, Portugal;

⁵MicroART, Departamento de Ciências Veterinárias, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

⁶Departamento de Patologia Clínica, Centro Médico da Universidade de Trás-os-Montes e Alto Douro, Portugal;

⁷Instituto Nacional de Investigação Agrícola, Alimentar e Ambiente (INRAE), Unidade de Exploração Metabólica e Proteómica (PFEM), France;

⁸INRAE, UMR Microbiologie Environnement Digestif Santé (MEDI-S), Universidade Clermont Auvergne, France;

⁹CECAV – Centro de Pesquisa Veterinária e Animal, Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;

¹⁰Centro de Pesquisa Veterinária e Animal, Laboratório Associado de Ciência Animal e Veterinária (AL4AnimalS), Portugal.

PSC10

IDENTIFYING PSEUDOMONAS AERUGINOSA BIOFILMS IN DOGS: A COMPREHENSIVE APPROACH

Farroco A., de Sousa T.²⁻⁵, Salinas D.⁶, Silva A.⁶, Hébraud M.^{7,8}, Igrejas G.^{2,3,4}, Poeta P.^{4,5,9,10}

¹*Estudante de Bioquímica, Escola de Ciências da Vida e do Ambiente,
Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;*

²*Departamento de Genética e Biotecnologia, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

³*Unidade de Genómica funcional e Proteómica, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

⁴*LAQV-REQUIMTE, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, Portugal;*

⁵*MicroART, Departamento de Ciências Veterinárias, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

⁶*INNO - Veterinary Laboratory, Braga, Portugal;*

⁷*Instituto Nacional de Investigação Agrícola, Alimentar e Ambiente (INRAE),
Unidade de Exploração Metabolómica e Proteómica (PFEM), France;*

⁸*INRAE, UMR Microbiologie Environnement Digestif Santé (MEDiS),
Universidade Clermont Auvergne, France;*

⁹*CECAV – Centro de Pesquisa Veterinária e Animal, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

¹⁰*Centro de Pesquisa Veterinária e Animal, Laboratório Associado de Ciência Animal e Veterinária
(AL4AnimalS), Portugal*

PSC11

PSEUDOMONAS AERUGINOSA INFECTIONS IN DOGS: UNDERSTANDING MULTIDRUG RESISTANCE

**Ribeiro C.¹, de Sousa T.²⁻⁵, Salinas D.⁶, Silva A.⁶, Hébraud M.^{7,8},
Igrejas G.^{2,3,4}, Poeta P.^{4,5,9,10}**

¹*Estudante de Bioquímica, Escola de Ciências da Vida e do Ambiente,
Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;*

²*Departamento de Genética e Biotecnologia, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

³*Unidade de Genómica funcional e Proteómica, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

⁴*LAQV-REQUIMTE, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, Portugal;*

⁵*MicroART, Departamento de Ciências Veterinárias, Universidade de Trás-os-Montes e Alto Douro
(UTAD), Portugal;*

⁶*INNO - Veterinary Laboratory, Braga, Portugal;*

⁷*Instituto Nacional de Investigação Agrícola, Alimentar e Ambiente (INRAE),
Unidade de Exploração Metabolómica e Proteómica (PFEM), France;*

⁸*INRAE, UMR Microbiologie Environnement Digestif Santé (MEDiS),
Universidade Clermont Auvergne, France;*

⁹*CECAV – Centro de Pesquisa Veterinária e Animal,
Universidade de Trás-os-Montes e Alto Douro (UTAD), Portugal;*

¹⁰*Centro de Pesquisa Veterinária e Animal, Laboratório Associado de Ciência
Animal e Veterinária (AL4AnimalS), Portugal.*



PSC12

PSC13

ACTIVE SURVEILLANCE AS A TOOL TO FIGHT ANTIMICROBIAL RESISTANCE IN SMALL ANIMAL PRACTICE: COMPARISON BETWEEN AN ITALIAN AND A SPANISH VETERINARY UNIVERSITY HOSPITAL.

Scarpellini R.¹, Assirelli G.¹, Blanco J L.², García M E.², Sancho M P.², Fuentes M P.², Giunti M.¹, Esposito E.¹, Mondo E.¹, Piva S.¹

¹*Alma Mater Studiorum – University of Bologna, Department of Veterinary Medical Sciences*

²*Universidad Complutense de Madrid, Facultad de Veterinaria, Animal Health Department*

PSC14

MEDIUM-CHAIN FATTY ACID SUPPLEMENTATION DURING THE WEANER PHASE RESULTS IN IMPROVED DAILY GAIN AND INCREASED LACTOBACILLUS SPP. IN PIGLETS.

Vos M. De¹, Smet S. De¹, Panattoni A.², Vereecke N.², Theuns S.², Ledoux A N.¹

¹*Nutrition Sciences N.V., Drongen, Belgium*

²*Pathosense, Lier, Belgium*

PSC15

ANALYSIS FOR ANTIMICROBIAL RESISTANCE IN ESCHERICHIA COLI ISOLATED FROM ANIMAL SAMPLES IN SICILY, ITALY

G. Schirò, A. Carrozzo, F. Mira, D. Vicari, M. Vitale

Istituto Zooprofilattico Sperimentale della Sicilia “A. Mirri”, Palermo, Italy

PSC16

OCCURRENCE AND ANTIMICROBIAL CHARACTERISTICS OF ESCHERICHIA COLI IN RABBITS PRODUCTION IN PORTUGAL

Silva A.^{1,2,3,4}, Silva V.^{1,2,3,4}, Tavares T.^{1,2,3,9}, Igrejas G.^{2,3,4}, Falco V.5, Valentão P.⁶, Poeta P.^{1,2,7,8}

¹*Microbiology and Antibiotic Resistance Team (MicroART), Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro (UTAD), 5000–801 Vila Real, Portugal*

²*Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro (UTAD), 5000-801 Vila Real, Portugal*

³*Functional Genomics and Proteomics Unit, University of Trás-os-Montes and Alto Douro (UTAD), 5000-801 Vila Real, Portugal*

⁴*Associated Laboratory for Green Chemistry (LAQV-REQUIMTE), University NOVA of Lisboa, Lisbon, Caparica, Portugal*

⁵*Chemistry Research Centre (CQ-VR), University of Trás-os-Montes and Alto Douro (UTAD), 5000-801 Vila Real, Portugal*

⁶*REQUIMTE/LAQV, Laboratório de Farmacognosia, Departamento de Química, Faculdade de Farmácia, Universidade do Porto, R. Jorge Viterbo Ferreira, no. 228, 4050-313 Porto, Portugal*

⁷*Veterinary and Animal Research Centre (CECAV), University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal*

⁸*Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Vila Real, Portugal*

⁹*José Azevedo Monteiro, Lda., Rua do Campo Grande 309, 4625-679 Vila Boa do Bispo, Portugal*

PSC17

BACTERIAL FITNESS AND GENOMIC ANALYSIS OF PHAGE RESISTANT ESCHERICHIA COLI K1

Antoine C.^{1,2}, Laforêt F.^{1,2}, Blasdel B.³, Fall A.⁴, Duprez J.N.¹, Delcenserie V.^{2*}, Thiry D.^{1*}

¹Laboratory of Bacteriology, Department of Infectious and Parasitic Diseases, FARAH and Faculty of Veterinary Medicine, University of Liège, Liège, Belgium.

²Laboratory of Food Quality Management, Food Science Department, FARAH and Faculty of Veterinary Medicine, University of Liège, Liège, Belgium

³Vésale Bioscience, Vésale Pharmaceutica, Noville-sur-Mehaigne, Belgium

⁴FoodChain ID GENOMICS SA, Herstal, Belgium

**These authors contributed equally to the work*

PSC18

THE OCCURENCE OF ANTIMICROBIAL RESISTANCE IN ESCHERICHIA COLI ISOLATED FROM DAIRY CALVES

Golavšek Š., Papić B., Zdovc I., Golob M., Starič J., Ježek J., Kušar D., Ocepek M., Avberšek J.

University of Ljubljana, Veterinary Faculty, Ljubljana, Slovenia

PSC19

ANTIMICROBIAL RESISTANCE AND BIOFILM FORMATION OF STAPHYLOCOCCI ISOLATED FROM WILD BATS

Silva V.^{1,2,3,4}, Fernandes J.^{1,2}, Barros P.⁵, Cabral J.A.⁵, Igrejas G.^{2,3,4}, Poeta P.^{1,6,7}

¹Microbiology and Antibiotic Resistance Team (MicroART), Department of Veterinary Sciences, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

²Department of Genetics and Biotechnology, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

³Functional Genomics and Proteomics Unit, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

⁴LAQV-REQUIMTE, Department of Chemistry, NOVA School of Science and Technology, Universidade Nova de Lisboa, Caparica, Portugal

⁵Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), University of Trás-os-Montes e Alto Douro, Portugal;

⁶CECAV—Veterinary and Animal Research Centre, University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal;

⁷Associate Laboratory for Animal and Veterinary Science (AL4AnimalS), University of Trás-os-Montes and Alto Douro (UTAD), Vila Real, Portugal

PSC20

PREVALENCE AND ANTIBIOTIC RESISTANCE PROFILE OF MASTITIS-ASSOCIATED PATHOGENS IN SELECTED DAIRY FARMS IN SERBIA

Tomanić D.¹, Radinović M.¹, Stančić I.¹, Mugoša S.^{2,3}, Stanojević J.¹, Tešin N.¹, Kovačević Z.¹

¹Department of Veterinary Medicine, Faculty of Agriculture, University of Novi Sad, Serbia

²Faculty of Medicine, University of Montenegro, Podgorica, Montenegro

³Institute for medicine and medical devices of Montenegro, Podgorica, Montenegro

PSD01**ANTIMICROBIAL RESISTANCE IN ENTEROCOCCUS ISOLATED FROM COMPANION ANIMALS: IMPLICATIONS FOR VETERINARY AND HUMAN HEALTH****Bellato A., Robino P., Scalas D., Stella M.C., Angelo C., Nebbia P.***University of Turin, Department of Veterinary Sciences, Grugliasco (Turin), Italy***PSD02****BACTERIA INVOLVED IN 128 SEPTIC FOALS AND THEIR ANTIMICROBIAL RESISTANCE****Castelain D.¹, Dufourni A.¹, Paulussen E.¹, Lefère L.¹, Boyen F.², van Loon G.¹, Pardon B.¹**¹*Department of Internal Medicine, Reproduction and Population Medicine, Ghent University, 9820 Merelbeke, Belgium*²*Department of Pathobiology, Pharmacology and Zoological Medicine, Ghent University, 9820 Merelbeke, Belgium***PSD03****ANTIMICROBIAL RESISTANCE OF CAMPYLOBACTER SPP: ISOLATES FROM POULTRY, SLOVENIA****Kolenc Ž.¹, Golob M.², Papić B.², Gruntar I.², Klančnik A.¹**¹*Chair of Biotechnology, Microbiology, and Food Safety, Department of Food Science and Technology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia*²*University of Ljubljana, Veterinary Faculty, Institute of Microbiology and Parasitology, Department of Bacteriology and Mycology, Ljubljana, Slovenia***PSD04****COMPANION ANIMAL OWNERS' EXPECTATIONS AND KNOWLEDGE ON ANTIMICROBIAL USE IN PORTUGAL****Correia-Dias M.¹, Alpizar-Jara R.², Lavrador C.^{1,3}, Marques C.^{4,5}, Duarte E. L.^{1,3}**¹*Department of Veterinary Medicine, School of Science and Technology, University of Évora, Évora, Portugal.*²*Department of Mathematics, School of Science and Technology & CIMA Research Centre in Mathematics and Applications, University of Évora, Évora, Portugal.*³*MED-Mediterranean Institute for Agriculture, Environment and Development & CHANGE-Global Change and Sustainability Institute, University of Évora, Évora, Portugal.*⁴*Faculty of Veterinary Medicine, Lusófona University, Lisbon, Portugal*⁵*Centre for Interdisciplinary Research in Animal Health (CIISA) & Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Faculty of Veterinary Medicine, University of Lisbon, Lisbon, Portugal***PSD05****VERTICAL AND HORIZONTAL SPREAD OF AN INCX3 PLASMID ENCONDIG blaSHV-12 AND qnrS GENES AMONG SLOVENIAN BROILERS****Kugovnik A.¹, Šabić E.^{1,2}, Zorman-Rojs O.³, Zdovc I.³, Gruntar I.³, Ambrožič Avguštin J.¹**¹*Department of Biology, Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia*²*Labcorp Drug Development, Dendermonde, Flemish Region, Belgium*³*Veterinary Faculty, University of Ljubljana, Slovenia***PSD06****SURVEILLANCE AND ANTIMICROBIAL RESISTANCE PATTERNS OF SALMONELLA ISOLATED FROM CHICKENS IN NORTHEAST OF THAILAND****Suksawat F., Angkititrakul S., Ritthipanun A.***Faculty of Veterinary Medicine, Khon Kaen University, Khon Kaen, Thailand. 40002***PSD07****PREVALENCE AND ANTIMICROBIAL RESISTANCE OF SALMONELLA COLLECTED FROM PIGS IN NORTHEAST OF THAILAND****Angkititrakul S., Suksawat F., Ritthipanun A.***Faculty of Veterinary Medicine Khon Kaen University, Khon Kaen, Thailand. 40002*

PSD08

NUTRIENT-DEPENDENT INTERACTIONS BETWEEN SALMONELLA ENTERICA SEROVAR TYPHIMURIUM AND BACILLUS SUBTILIS IN BIOFILMS

Podnar E.¹, Kovačec E.¹, Danevčič T.¹, Lories B.², Steenackers H.², Mandić-Mulec I.¹

¹Biotechnical Faculty, Department of Microbiology, Chair of Microbial Ecology and Physiology, Večna pot 111, 1000 Ljubljana, Slovenia

²KU Leuven, Kasteelpark Arenberg 20, 3001 Leuven, Belgium

PSD09

MOLECULAR EPIDEMIOLOGY OF CANINE PARVOVIRUS TYPE 2 IN SICILY, SOUTHERN ITALY: A FAST-EVOLVING EPIDEMIOLOGICAL SCENARIO

F. MIRA^{1,2}, G. SCHIRÒ^{1,2}, M. CANUTI³, G. FRANZO⁴, G. PURPARI¹, E. GIUDICE², N. DECARO⁵, D. VICARI¹, F. ANTOCI¹, C. CASTRONOVO¹, A. GUERCIO¹

¹Istituto Zooprofilattico Sperimentale della Sicilia "A. Mirri", Palermo, Italy

²Department of Veterinary Science, University of Messina, Messina, Italy

³Coordinated Research Centre EpiSoMI (Epidemiology and Molecular Surveillance of Infections), Università degli Studi di Milano, Milano, Italy

⁴Department of Animal Medicine, Production and Health, University of Padua, Legnaro, Italy

⁵Department of Veterinary Medicine, University of Bari, Valenzano, Italy

PSD10

EMERGING VIRUSES IN DOGS ILLEGALLY IMPORTED TO ITALY

Alfano F.¹, Lucibelli M.G.¹, Miletti G.¹, Desario C.², Sannino E., Auriemma C.¹, Gallo A.¹, De Carlo E.¹, Decaro N.¹, Martella V.¹, Fusco G.¹

¹Istituto Zooprofilattico Sperimentale del Mezzogiorno, Portici (NA), Italy

²Dipartimento di Medicina Veterinaria, Università degli Studi di Bari, Valenzano (BA), Italy

PSD11

DETECTION OF PANTROPIC CANINE CORONAVIRUS IN AUTOCHTHONOUS ITALIAN ADULT DOGS

Alfano F.¹, Lucibelli M. G.¹, Miletti G.¹, Sannino E., Desario C.², Gallo A.¹, Auriemma C.¹, Petrucci F., De Carlo E.¹, Decaro N.², Fusco G.¹

¹Istituto Zooprofilattico Sperimentale del Mezzogiorno, Portici (NA), Italy

²Dipartimento di Medicina Veterinaria, Università degli Studi di Bari, Valenzano (BA), Italy

PSD12

SEROEPIDEMIOLOGICAL STUDY OF HEPATITIS E VIRUS (HEV) INFECTION IN LARGE GAME ANIMALS IN THE CENTRE OF PORTUGAL

Pires H.¹, Matos M.², Cardoso L.³, Lopes A.P.³, Fontes M.C.³, Pintado C.^{1,4,5}, Figueira L.^{1,5}, Matos A.C.^{1,4,5}, Mesquita J.R.^{6,7,8}, Coelho A.C.³

¹Polytechnic Institute of Castelo Branco (IPCB), Castelo Branco, Portugal

²Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB), University of Trás-os-Montes e Alto Douro (UTAD), Vila Real, Portugal

³Animal and Veterinary Research Centre (CECAV), UTAD, Vila Real, Portugal; Associate Laboratory for Animal and Veterinary Sciences (AL4AnimalS), Portugal

⁴Centre Research for Natural Resources, Environment and Society (CERNAS-IPCB), Castelo Branco, Portugal

⁵Researcher at Q-RURAL – Quality of Life in the Rural World, IPCB, Castelo Branco, Portugal

⁶CBAS – School of Medicine and Biomedical Sciences, Porto University, Porto, Portugal

⁷Epidemiology Research Unit (EPIUnit), Instituto de Saúde Pública da Universidade do Porto, Porto, Portugal

⁸Laboratório para a Investigação Integrativa e Translacional em Saúde Populacional (ITR), Porto, Portugal

PSD13

MORE THAN A THOUSAND CATTLE HERDS HAVE ALREADY STARTED THE VOLUNTARY PROGRAM FOR OBTAINING THE BOVINE VIRAL DIARRHEA VIRUS (BVDV) FREE STATUS IN SLOVENIA IN 2023

Toplak I.^{1*}, Hostnik P.¹, Černe D.¹, Starič J.², Hrovatin B.³, Maurer-Wernig J.³

¹*Institute for Microbiology and Parasitology, Virology Unit, Veterinary Faculty, University of Ljubljana, Slovenia*

²*Clinic for Reproduction and Large Animals-Clinic for reproduction, Veterinary Faculty, University of Ljubljana, Slovenia*

³*Administration of the Republic of Slovenia for food safety, veterinary and plant protection, Slovenia*

PSD14

SMALL RUMINANT LENTIVIRUS INFECTION IN SHEEP AND GOAT IN NORTH PORTUGAL: SEROPREVALENCE AND RISK FACTORS

Jacob-Ferreira J.^{1,2} Coelho A.C.¹, Grau-Vila A.³, Lacasta D.⁴, Quintas H.²

¹*Animal and Veterinary Research Centre, Vila Real, Portugal; Associate Laboratory for Animal and Veterinary Sciences (AL4Animals), Portugal*

²*Mountain Research Center (CIMO), Polytechnic Institute of Bragança (IPB), Campus de Santa Apolónia, Bragança, Portugal*

³*Servicio de Sanidad Animal, Dirección General de Producción Agropecuaria e Infraestructuras Agrarias, Consejería de Agricultura y Ganadería, Junta de Castilla y León, Valladolid, España*

⁴*Departamento de Patología Animal, Instituto Agroalimentario de Aragón-IA2, Universidad de Zaragoza-CITA, Zaragoza, España*

PSD15

FELINE CORONAVIRUS ACTIVATES ARYL HYDROCARBON RECEPTOR DURING INFECTION

Cerracchio C.¹, Serra F.², Del Sorbo L.¹, Iovane V.³, Amoroso M.G.², Fiorito F.^{1,4}

¹*Department of Veterinary Medicine and Animal Production, University of Naples Federico II, Naples, Italy;*

²*Istituto Zooprofilattico Sperimentale del Mezzogiorno, Portici, Naples, Italy;*

³*Department of Agricultural Sciences, University of Naples Federico II, Portici, Naples, Italy;*

⁴*BAT Center-Interuniversity Center for Studies on Bioinspired Agro-Environmental Technology, University of Naples Federico II, Portici, Naples, Italy.*

PSD16

DIOXIN MODULATES AHR SIGNALING DURING CCOV INFECTION

Cerracchio C.¹, Pizarro N.², M.G. Amoroso³, M. Esposito^{3,4}, Iovane G.¹, F. Fiorito^{1,5}

¹*Department of Veterinary Medicine and Animal Production, University of Naples Federico II, Naples, Italy*

²*Instituto de Investigaciones Agropecuarias INIA, Osorno, Región de Los Lagos Chile*

³*Istituto Zooprofilattico Sperimentale del Mezzogiorno, Portici, Naples, Italy*

⁴*Centro di Riferenza Nazionale per l'Analisi e Studio di Correlazione tra Ambiente, Animale e Uomo, IZS Mezzogiorno, Portici, Naples, Italy*

⁵*BAT Center - Interuniversity Center for Studies on Bioinspired Agro-Environmental Technology, University of Naples Federico II, Portici, Naples, Italy*

PSD17

NOVEL PARVOVIRUS IN AN OUTBREAK OF FATAL ENTERITIS IN EUROPEAN HEDGEHOGS (Erinaceus Europaeus), ITALY, 2022

Lanave G.¹, Diakoudi G.¹, Pellegrini F.¹, Lombardi R.¹, Prioletti M.¹, Circella E.¹, Camarda A.¹, Di Martino B.², Camero M.¹, Decaro N.¹, Bányai K.^{3,4}, Lavazza A.⁵, Buonavoglia C.¹, Martella V.¹

¹*University of Bari Aldo Moro, Bari*

²*University of Teramo, Teramo, Italy*

³*Veterinary Medical Research Institute, Budapest, Hungary*

⁴*University of Veterinary Medicine, Budapest, Hungary*

⁵*Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna, Brescia, Italy*

PSD18

DETECTION AND MOLECULAR CHARACTERIZATION OF PSEUDORABIES VIRUS STRAINS ISOLATED FROM DOGS IN SLOVENIA

Černe D.¹, Hostnik P.¹, Toplak I.¹, Juntos P.², Paller T.³, Kuhar U.¹

¹*Institute of Microbiology and Parasitology, Virology Unit, Veterinary Faculty, University of Ljubljana, Slovenia*

²*Institute of Pathology, Wild Animals, Fish and Bees, Veterinary Faculty, University of Ljubljana, Slovenia*

³*National Veterinary Institute, Veterinary Faculty, University of Ljubljana, Slovenia*

PSD19

RETHINKING HUMAN WEST NILE VIRUS PREDICTION IN NORTHERN ITALY WITH MACHINE LEARNING

Odigie A.E.¹, Stufano A.², Mrenoshki D.¹, Ugochukwu I.C.¹, Pellegrini F.¹, Capozza P.¹, Greco G.¹, Pratelli A.¹, Decaro N.¹, Lovreglio P.², Tempesta M.¹,

¹*Department of Veterinary Medicine, University of Bari "Aldo Moro", SP 62 Casamassima km 3, Valenzano, Italy*

²*Interdisciplinary Department of Medicine-Section of Occupational Medicine, University of Bari, 70124 Bari, Italy*

PSD20

COMPLICATE SITUATION OF FELV IN DOMESTIC CAT POPULATION IN CHILE. HIGH PREVALENCE AND MULTIPLE-VARIANT INFECTING CATS

Castillo C.¹, Castro S.², Blanchard A.¹, Tarlinton R.¹

¹*University of Nottingham, Nottingham, United Kingdom*

²*Haiken Vet Science Laboratory*

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- Registration fees •4 Coffee breaks & 2 Lunches
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Conference Venue

Rikli Balance Hotel – Bled, Slovenia

Gala Dinner

Gala dinner Ticket 50,00€
Friday, September 22nd 2023
Grand Hotel Toplice , Grand Hall

Airport Transfers

Transfer costs: Ljubljana airport-Bled-one way
personal car /1-3 pax/ EUR 60.00
minibus /4-8 pax/ EUR 85.00

Booking: info@bledtours.si

Guided Tour

You can ride on the lake and to the island in various ways, also on a traditional boat called pletna. Pletna boats are made by locals and are typical of Bled. Their origins date back to 1590. You should be able to recognize it from afar as it is equipped with a colourful awning which protects passengers from the sun and other weather conditions.

Help Desk

TBC MON IKE
15, Mesogeion Avenue, 11526, Athens-Greece
Tel.: +30 2107499309
e-mail: albinag@triaenatours.gr
C/O : Mrs Gegaj Albina

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Tel: +386 (0)5 333 13 28, info@biospectra.si

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