NINTH INTERNATIONAL
CONFERENCE ON

ANTIMICROBIAL AGENTS IN VETERINARY MEDICINE (AAVM)

Rome, Italy, October 16-19, 2018

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Conference Chairperson

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Conference Past-Chairperson

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GENERAL INFORMATION

CONFERENCE VENUE
NH Villa Carpegna
Via Pio IV,6
00165 Roma
Italy

LANGUAGE
The conference will be conducted in English.

REGISTRATION/INFORMATION
A registration desk will operate outside the session hall throughout session hours.

SESSION HALL
All sessions will take place in SALA LEONARDO A+B in the conference center side of the hotel.

NAME BADGE
Your name badge is included in the material which you received upon registration. Please wear your badge to all conference sessions.

CONFERENCE APP
The full program and abstracts can be viewed on the conference app. Login details to the app were sent to you prior to the conference. If you do not have the information available please ask at the registration desk.

EXHIBITION
An exhibition will take place throughout the conference.

POSTERS
Posters will be on display in the lecture hall for the duration of the conference. Presenters are requested to refer to the program book to find the board number assigned to them. Please use the poster board with the same number. Posters should be removed by the end of sessions. Please note that the organizers cannot be held responsible for posters that are not removed.

There will be 2 poster sessions as follows:

Wednesday, October 17, 2018
Poster Session 1:
17:15 Presenters allocated a board with an even number should present in this session.

Thursday, October 18, 2018
Poster Session 2:
17:00 Presenters allocated a board with an odd number should present in this session.

COFFEE BREAKS
The coffee breaks will take place alongside the exhibition in the foyer area outside the session hall.

GET-TOGETHER RECEPTION
The reception will take place on Tuesday, October 16 at 19:00.
Entrance is by voucher only.

SCIENTIFIC PROGRAM

TUESDAY, OCTOBER 16, 2018

16:00	Registration Opens
19:00	Get-Together Reception

WEDNESDAY, OCTOBER 17, 2018

09:00 - 09:15	**Opening Address**
	WELCOME AND INTRODUCTION **Petra Cagnardi,** *Conference Chairperson, Italy* **Stefan Soback,** *Conference Past-Chairperson, Israel*
09:15 - 10:45	**Session 1: ANTIMICROBIAL RESISTANCE**
	Chairs: Peter Damborg, Denmark and **Carl Cerniglia,** USA
09:15	THE ROLE OF EFSA ON MONITORING AND RISK ASSESSMENT ACTIVITIES ON ANTIMICROBIAL RESISTANCE IN THE FOOD CHAIN **Ernesto Liebana Criado,** *European Food Safety Authority (EFSA), Italy*
09:45	ANTIMICROBIAL RESISTANCE AT THE FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO) **April Johnson,** *Italy*
10:15	ANTIMICROBIAL SUSCEPTIBILITY, RESISTANCE, LENGTH OF THERAPY AND CLINICAL OUTCOME: WHAT HAVE WE LEARNED FROM IN VITRO MEASUREMENTS? **Joseph Blondeau,** *Canada*
10:45	*Coffee, Poster Viewing and Visit the Exhibition*

11:15 - 12:00	**Session 1: ANTIMICROBIAL RESISTANCE (continued)**
	Chairs: Ernesto Liebana Criado, Italy and **Nuno Silva,** UK
11:15	FLUOROQUINOLONE RESISTANCE IN CLINICAL AVIAN PATHOGENIC ESCHERICHIA COLI (APEC) ISOLATES FROM FLANDERS (BELGIUM): IS THE POULTRY INDUSTRY AT RISK? **Robin Temmerman,** *Belgium*
11:30	TRENDS OF RESISTANCE TO EXTENDED-SPECTRUM B-LACTAMS IN COMMENSAL AND CLINICAL ESCHERICHIA COLI FROM THE BROILER PRODUCTION PYRAMID **Ilias Apostolakos,** *Italy*
11:45	THE EFFECT OF LACTOBACILLUS FERMENTUM ON THE ACTIVATION OF CHICKEN TLR4 AND DEFENSINS AFTER INFECTION BY C. COLI **Viera Karaffová,** *Slovakia*
12:00	*Lunch*

13:30 - 15:00	**Session 1: ANTIMICROBIAL RESISTANCE (continued)**
	Chairs: Joseph Blondeau, Canada and **Jeanine Wiegel,** The Netherlands
13:30	HOW TO LOWER ANTIBIOTIC USE IN ANIMALS – THE DANISH APPROACH **Peter Damborg,** *Denmark*
14:00	THE SHARED APPROACH OF THE ITALIAN AUTHORITIES FOR THE FIGHT AGAINST ANTIMICROBIAL RESISTANCE **Stefania Delfrà,** *Italy* **Representative from the Italian Health Ministry**
14:30	THE EFFECTS OF RESIDUE LEVELS OF TETRACYCLINE ON THE INTESTINAL MICROBIOME **Carl Cerniglia,** *USA*

15:00	*Coffee, Poster Viewing and Visit the Exhibition*

15:30 - 17:15	**Session 1: ANTIMICROBIAL RESISTANCE (continued)**
	Chairs: Jeffrey Watts, USA and **Patrick De Backer,** Belgium
15:30	THE HUMAN MEDICINE POINT OF VIEW **Fatima M'Zali,** *France*
16:00	ANTIMICROBIALS IN FARM ANIMALS: IMPACT ON THE ENVIRONMENT AND CONSEQUENT ANTIMICROBIAL RESISTANCE DISSEMINATION **Petra Cagnardi,** *Italy*
16:30	IN VITRO KILLING OF PASTEURELLA MULTOCIDA (PM) AND ACTINOBACILLUS PLEUROPNEUMONIAE(AP) BY CEFTIOFUR (CF), ENROFLOXACIN (ER), FORFENICOL (F), TILMICOSIN (TL) AND TULATHROMYCIN (TU) USING CLINICALLY RELEVANT DRUG CONCENTRATIONS **Joseph Blondeau,** *Canada*
16:45	ANTIMICROBIAL RESISTANCE IN OVINE BACTERIA: A SHEEP IN WOLF'S CLOTHING? **Nuno Silva,** *UK*
17:00	EXTENDED SPECTRUM B LACTAMASE-PRODUCING ENTEROBACTERIACEAE (ESBL-E) COLONIZATION IN RACE HORSES IN ONTARIO, CANADA **Anat Shnaiderman Torban,** *Israel*
17:15	POSTER SESSION 1

THURSDAY, OCTOBER 18, 2018

09:00-11:00	**Session 2: ANTIMICROBIAL SUSCEPTIBILITY TESTING**
	Chairs: Fatima M'Zali, France and **Laura Van Driessche,** Belgium
09:00	THE EUCAST/VETCAST APPROACH TO BREAKPOINT DEFINITION AND DETERMINATION **Pierre-Louis Toutain,** *UK*
09:30	CLSI/VAST APPROACH FOR BREAKPOINTS DEFINITION **Mark Papich,** *USA*
10:00	ADMINISTRATION ROUTE AND DOSAGE OF SELECTED ANTIMICROBIALS IN PIGS: IMPACT ON GUT CONCENTRATION **Mathias Devreese,** *Belgium*
10:30	ANTIBIOTIC SUSCEPTIBILITY MONITORING OF VETERINARY PATHOGENS AND ZOONOTIC AND COMMENSAL ORGANISMS THROUGHOUT EUROPE – THE CEESA PROGRAMS **Hilde Moyaert,** *Belgium*
11:00	*Coffee, Poster Viewing and Visit the Exhibition*

11:30-12:30	**Session 2: ANTIMICROBIAL SUSCEPTIBILITY TESTING (continued)**
	Chairs: Pierre-Louis Toutain, UK and **Mark Papich,** USA
11:30	RAPID DETECTION OF TETRACYCLINE RESISTANCE IN BOVINE PASTEURELLA MULTOCIDA ISOLATES BY MALDI BIOTYPER ANTIBIOTIC SUSCEPTIBILITY TEST RAPID ASSAY (MBT-ASTRA) **Laura Van Driessche,** *Belgium*
11:45	CLINICAL BREAKPOINT OF DANOFLOXACIN AGAINST HAEMOPHILUS PARASUIS IN PIGS **Haihong Hao,** *China*

THURSDAY, OCTOBER 18, 2018 (continued)

12:00	ANTIMICROBIAL SUSCEPTIBILITY OF MASTITIS-CAUSING BACTERIA FROM MILK FROM DUTCH DAIRY CATTLE **Annet Heuvelink**, The Netherlands
12:15	MONITORING AND STATISTICAL ANALYSIS OF ANTIMICROBIAL SUSCEPTIBILITY OF POULTRY PATHOGENS IN THE NETHERLANDS, 2014-2018 **Jeanine Wiegel,** *The Netherlands*
12:30	*Lunch*
13:30-15:00	**Session 3: INNOVATIVE ANTIMICROBIAL THERAPY**
	Chairs: Murat Cengiz, Turkey and **Hilde Moyaert**, Belgium
13:30	TARGETING BACTERIAL VIRULENCE MECHANISMS FOR NOVEL VETERINARY ANTIBACTERIAL THERAPIES **Jeffrey Watts,** *USA*
14:00	MACROLIDES IN ANTIMICROBIAL SUSCEPTIBILITY TESTING OF SWINE RESPIRATORY PATHOGENS: ARE MIC VALUES OF NEWER MACROLIDES LIKE TILDIPIROSIN SIMILAR TO MIC VALUES OF OLDER MACROLIDES LIKE TILMICOSIN? **Jobke van Hout,** *The Netherlands*
14:15	NOVEL ANTIMICROBIAL FOR THE TREATMENT OF BOVINE MASTITIS **Cathy Abberton,** *Ireland*
14:30	STUDY OF CECAL MUCOSAL IMMUNE CELLS IN C. JEJUNI AND C. COLI CHALLENGE AFTER PREVENTIVE ADMINISTRATION OF PROBIOTIC STRAINS E. FAECIUM AL41 AND LACTOBACILLUS FERMENTUM CCM 7514 IN CHICKENS **Viera Revajová,** *Slovakia*
14:45	PRAEOPERATIVE ANTIBIOTICS IN EQUINE UNCOMPLICATED CLEAN ORTHOPAEDIC SURGERY - A RANDOMISED CONTROLLED STUDY **Sabita Diana Stoeckle,** *Germany*

15:00	*Coffee, Poster Viewing and Visit the Exhibition*

15:30-16:45	**Session 4: BIOSECURITY**
	Chairs: Guido Di Martino, Italy and **Mathias Devreese,** Belgium
15:30	BIOSECURITY: STRUCTURAL AND MANAGEMENT MEASURES TO CONTROL DISEASES IN POULTRY SECTOR **Guido Di Martino,** *Italy*
16:00	FRIEND OR FOE? VERTICAL INTEGRATION AND SPREAD OF ANTIMICROBIAL RESISTANT ORGANISMS **Helen Crabb,** *Australia*
16:15	IS THE ANTIBIOTIC-FREE LABELLING HELPING THE FIGHT AGAINST ANTIBIOTIC RESISTANCE? **Elisa Bianco,** *UK*
16:30	LINKING ENVIRONMENTAL CONTAMINANT PCB ON TETRACYCLINE RESISTANCE IN ENTEROCOCCUS FAECALIS **Yagmur Turgut,** *Turkey*
16:45	POSTER SESSION 2

FRIDAY, OCTOBER 19, 2018

09:15 - 10:45	**Session 5: PHARMACOKINETICS & PHARMACODYNAMICS**
	Chairs: Ronette Gehring, The Netherlands and **Eran Lavy,** Israel
09:15	IS THERE A CONNECTION OF MIC AND PK IN VETERINARY THERAPEUTICS? **Murat Cengiz,** *Turkey*
09:45	WHICH INTER-SPECIES DIFFERENCES SHOULD WE CONSIDER WHEN INTERPRETING AST DATA? **Ronette Gehring,** *The Netherlands*
10:15	PHARMACOKINETIC/PHARMACODYNAMIC ANALYSIS OF METRONIDAZOLE AND IMIPENEM USED TO TREAT BACTEROIDES SPP. INFECTION OF THE PLEURAL CAVITY IN HORSES **Taisuke Kuroda,** *Japan*
10:30	INTRAMUSCULAR ADMINISTRATION OF SODIUM BENZYLPENICILLIN WITH ADDITION OF LIDOCAINE AND ADRENALINE IN HORSES **Lena Olsén,** *Sweden*
10:45	*Coffee, Poster Viewing and Visit the Exhibition*
11:15 - 12:00	**Session 5: PHARMACOKINETICS & PHARMACODYNAMICS (continued)**
	Chairs: Siska Croubels, Belgium and **Helen Crabb,** Australia
11:15	PHARMACOKINETICS OF ANTIMICROBIAL AGENTS IN TURTLES **Mark Papich,** *USA*
11:30	DEVELOPMENT AND EVALUATION OF A SINGLE INTRAMUSCULAR, CONTROLLED-RELEASE FLORFENICOL FORMULATION FOR USE IN PIGS **Eran Lavy,** *Israel*

FRIDAY, OCTOBER 19, 2018 (continued)

11:45	THE RELATIONSHIP BETWEEN ANTIMICROBIAL USE AND HERD LEVEL MORTALITY AS A WELFARE INDICATOR IN VEAL CALVES **Jade Bokma,** *Belgium*
12:00	*Lunch*
13:30-14:45	**Session 6: EARLY DETECTION OF DISEASES**
	Chairs: Petra Cagnardi, Italy and **Stefan Soback,** Israel
13:30	TECHNOLOGICAL TOOLS FOR INFECTION DETECTION **Dries Berckmans,** *Belgium*
14:00	KNOWLEDGE AND ATTITUDES ON ANTIBIOTIC USE AND ANTIMICROBIAL RESISTANCE AMONG VETERINARY STUDENTS **Zorana R. Kovacevic,** *Serbia*
14:15	BETA-LACTAMASE SUPPLEMENTATION AS A MITIGATION STRATEGY FOR ANTIBIOTIC RESIDUES IN COLOSTRUM **Milou van de Schans,** *The Netherlands*
14:30	APPLICATION OF REVERSE LINE BLOT HYBRIDIZATION ASSAY FOR THE DETECTION OF VARIOUS TICK-BORNE PATHOGENS IN PAKISTAN **Abdul Rehman,** *Pakistan*
14:45	Closing Remarks

POSTER PRESENTATIONS

1. GAIN EDGE FROM BRIDGING ANIMAL AND HUMAN ESBL-PRODUCING E. COLI SURVEILLANCE

   Elena Mazzolini, Marina Cerquetti, Antonella Agodi, Giovanni Alborali, Annarita Mazzariol, Pierlanfranco D'Agaro, Alessandro Camporese, Francesco Auxilia, Paolo Lanzafame, Lorenza Putignani, Alessia Franco, Cesare Furlanello, Marco Chierici, Andrea Gobbi, Natasha Bosco, Maria Giufrè, Elena Tonon, Martina Barchitta, Valentina Baldo, Milena Arghittu, Rita De Rosa, Raffaella Koncan, Virginia Carfora, Claudia Thoma, Stefania Pane, Silvio Brusaferro, Fabrizio Agnoletti, *Italy*

2. HIGH DIVERSITY AND SPREAD OF MCR TRANSFERABLE GENES ENCODING COLISTIN RESISTANCE AMONG MULTIDRUG-RESISTANT ISOLATES FROM PRIMARY PRODUCTIONS IN ITALY

   Patricia Alba, Pimlapas Leekitcharoenphon, Alessia Franco, Fabiola Feltrin, Angela Ianzano, Andrea Caprioli, Carmela Buccella, Roberta Onorati, Serena Lorenzetti, Luigi Sorbara, Tamara Cerci, Francesco Bottoni, Renè S. Hendriksen, Valeria Bortolaia, Antonio Battisti, *Italy*

3. OPTIMIZING IDENTIFICATION OF MYCOPLASMA BOVIS BY MALDI-TOF MS (MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT MASS SPECTROMETRY)

   Jade Bokma, Laura Van Driessche, Linde Gille, Piet Deprez, Freddy Haesebrouck, Bart Pardon, Filip Boyen, *Belgium*

4. AN INNOVATIVE APPROACH FOR ANALYSING AND EVALUATING POULTRY FARMS ODOUR RELATED TO ANIMAL HEALTH AND WELFARE

   Guido Grilli, Marcella Guarino, Federica Borgonovo, Emanuela Tullo, Susanna Lolli, Valentina Ferrante, *Italy*

5. MRSA STILL LOW PREVALENT IN NORTH-EASTERN ITALIAN DAIRY HERDS

   Fabrizio Agnoletti, Romina Brunetta, Antonio Barberio, Monia Cocchi, Michela Corrò, Gabriella Conedera, Deborah Dellamaria, Ilenia Drigo, Karin Trevisiol, Laura D'Este, Nicola Pozzato, Elena Mazzolini, *Italy*

6. MCR-1 AND B-LACTAMASES IN ESCHERICHIA COLI RESISTANT TO EXTENDED-SPECTRUM CEPHALOSPORINS ISOLATES FROM ITALIAN DOGS

   Fabrizio Agnoletti, Romina Brunetta, Ilenia Drigo, Elena Tonon, Silvia Deotto, Laura D'Este, Antonio Barberio, Monia Cocchi, Gabriella Conedera, Michela Corrò, Deborah Dellamaria, Karin Trevisiol, Elena Mazzolini, *Italy*

7. EVALUATION OF MICROBIAL COMMUNITY COMPOSITION OF DAIRY COWS MANURE AND SOIL BEFORE AND AFTER ITS FERTILIZATION

   Guido Grilli, Petra Cagnardi, Lisa Carraro, Martina Penati, Roberto Villa, Federica Di Cesare, Alessandra Piccirillo, *Italy*

8. INCX4 PLASMID HARBOURS MCR-1.1-MEDIATING COLISTIN RESISTANCE IN THE EMERGING PESI-POSITIVE, ESBL-PRODUCING, MULTIDRUG RESISTANT SALMONELLA INFANTIS CLONE ISOLATED IN ITALY FROM BROILERS AND BROILER MEAT (2016-2017)

   Virginia Carfora[1], Patricia Alba, Pimlapas Leekitcharoenphon, Roberta Amoruso, Daniele Ballarò, Gessica Cordaro, Paola Di Matteo, Valentina Donati, Manuela Iurescia, Erika Menichini, Fiorentino Stravino, Tania Tagliaferri, Anna Vanni, Antonio Battisti, Alessia Franco, *Italy*

9. PHYLOGEOGRAPHY OF RABIES VIRUS ISOLATED FROM CATTLE AND HORSES TRANSMITTED BY HAEMATOPHAGOUS BAT DESMODUS ROTUNDUS IN BRAZIL

   Pedro Carnieli, Juliana Castilho, Willian Fahl, Paulo Brandão, Luiz Vieira, Helena Batista, *Brazil*

10. EFFECT OF PH ON THE IN VITRO ACTIVITY OF FLUOROQUINOLONES IN COMBINATION WITH CEPHALOSPORINS AGAINST MULTIDRUG-RESISTANT ESCHERICHIA COLI

    Gulce Hepbostanci, Murat Cengiz, *Turkey*

11. PREVALENCE OF ANTIBIOTIC RESISTANCE IN DISCHARGED WATERS OF LIVESTOCK WASTEWATER TREATMENT PLANT

    Jong-Chan Chae, Kishor Sureshbhai Patil, Shalem Raj Padakandla, Ve Van Le, Woo Jun Sul, *Republic of Korea*

12. FIRST DETECTION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS SEQUENCE TYPE 398 WITH A COMPOSITE STAPHYLOCOCCAL CASSETTE CHROMOSOME MEC AND HETEROGENEOUS STRAINS IN PIGS AND SWINE WORKERS FROM CENTRAL THAILAND

    Pattrarat Chanchaithong, Vincent Perreten, Nutthee Am-in, Kittitat Lugsomya, Padet Tummaruk, Nuvee Prapasarakul,*Thailand*

13. MIC DISTRIBUTION, MIC50 AND MIC90 IN MOTILE AEROMONAS HYDROPHILA ISOLATED FROM DISEASED FISH.

    Monia Cocchi, Cristian Salogni, Francesco Agnetti, Silvia Deotto, Gabrita De Zan, Martina Ustulin, Marica Toson, *Italy*

14. MINIMAL INIBITORY AND MUTANT PREVENTION CONCENTRATIONS OF ENROFLOXACIN AND MARBOFLOXACIN FOR ESCHERICHIA COLI CLINICAL ISOLATES OF RABBIT

    Giulio Cocciolo, Chiara Belloli, Antonio Camarda, Elena Circella, *Italy*

15. ANTIFUNGAL SUSCEPTIBILITY OF MALASSEZIA PACHYDERMATIS ISOLATES FROM DOGS TO ANTIMYCOTICS AND ESSENTIAL OILS ALONE AND IN COMBINATIONS

    Eva Čonková, Andrea Kreheľová, Peter Váczi, Ema Böhmová, *Slovakia*

16. INTERSPECIES DIFFERENCES IN ANTIMICROBIAL DRUG PHARMACOKINETICS IN BIRDS

    György Csikó, Gábor Nagy, Orsolya Palócz, *Hungary*

17. NOVEL ANTIMICROBIAL EFFICACY AGAINST CAMPYLOBACTER BIO-FILMS USING THE NATURAL PLANT COMPOUNDS, TRANS-CINNAMALDEHYDE, EUGENOL OR CARVACROL ON FOOD PROCESSING SURFACES

    Basanta R Wagle, Abhinav Upadhyay, Indu Upadhyaya, Sandip Shrestha, Komala Arsi, Kumar Venkitanarayanan, Dan J Donoghue, Ann M Donoghue, *USA*

18. CORRELATION BETWEEN ORAL FLUID AND PLASMA OXYTETRACYCLINE CONCENTRATIONS AFTER INTRAMUSCULAR ADMINISTRATION IN PIGS

    Anna Gajda, Artur Jablonski, Malgorzata Gbylik - Sikorska, Andrzej Posyniak, *Poland*

19. SIMULTANEOUS DETERMINATION OF 45 ANTIBACTERIAL DRUGS IN MUSHROOMS-AGARICUS BISPORUS BY ULTRA-HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY

    Małgorzata Gbylik-Sikorska, Anna Gajda, Ewelina Nowacka-Kozak, Andrzej Posyniak, *Poland*

20. MONITORING AND CONTROL OF AMR IN PRODUCTS OF ANIMAL ORIGIN IN THE RUSSIAN FEDERATION

    Alexander Komarov, Olga Ivanova, Mariia Gergel, Dmitry Makarov, Sergei Karabanov, Ekaterina Davydova, Ekaterina Krylova, Alexander Kulikovsky, Sergei Lenev, *Russian Federation*

21. ASSESSMENT OF MARBOFLOXACIN LEVELS IN INTESTINAL CONTENTS OF PIGS TO ESTABLISH A PBPK MODEL

    Jacqueline Manceau, Mélanie Le Van Suu, Jean-Guy Rolland, Jérome Henri, Michel Laurentie, *France*

22. DETECTION OF ESBLS PRODUCING ESCHERICHIA COLI ISOLATED FROM DOG FAECES FROM LA PLATA CITY

    Lihuel Gortari, Andrea Buchamer, María Laura Marchetti, Daniel Buldain, Florencia Aliverti, Manuel Chirino-Trejo, Nora Mestorino, *Argentina*

23. BROMHEXINE EFFECTS ON ENROFLOXACIN PENETRATION IN BRONCHIAL CHICKEN SECRETION

    Nora Mestorino, Daniel Buldain, Lihuel Gortari, Andrea Buchamer, Florencia Aliverti, María Laura Marchetti, *Argentina*

24. RIFAXIMIN AND MELALEUCA ARMILLARIS ESSENTIAL OIL COMBINATIONS AGAINST STAPHYLOCOCCUS AUREUS

    Daniel Buldain, Andrea Buchamer, María Laura Marchetti, Florencia Aliverti, Nora Mestorino, *Argentina*

25. ANTIMICROBIAL RESISTANCE OF MASTITIS ENVIRONMENTAL PATHOGENS

    Luca Turini, Luigi Intorre, Micaela Sgorbini, Francesca Bonelli, Valentina Meucci, *Italy*

26. LIVE FEED AS SOURCE OF ANTIBACTERIAL RESISTANT BACTERIA IN THE CULTURE OF THE RED CUSK EEL GENYPTERUS CHILENSIS LARVAE

    Claudio D Miranda, Rodrigo Rojas, Luz Hurtado, Jaime Romero, *Chile*

27. MULTIDRUG RESISTANCE ESCHERICHIA COLI HARBORING MCR-1 AND BLACTX-M ISOLATED FROM SWINE OF ARGENTINA

    Fabiana Alicia Moredo, Florencia Vinocur, Victorio Nievas, Alberto Armocida, Laura Alarcón, Gabriela Giacoboni, *Argentina*

28. BETA-LACTAM ANTIBIOTICS DO NOT SELECT FOR RESISTANCE EQUALLY: THE RATIONAL BEHIND THEIR RANKING

    Fatima M'Zali, Mathieu Hernoult, Audrey Payet, Arnaud Zabala, Claudine Quentin-Noury, *France*

29. MONITORING THE EVOLUTION OF E. COLI CTX-M-1 ESBL UNDER THE SELECTION PRESSURE OF VARIOUS BETA-LACTAMS ANTIBIOTICS: AN IN VITRO STUDY

Fatima M'Zali, Maya Toret, Audrey Payet, Cindy Atkins, Arnaud Zabala, Michael Kann, *France*

30. EPIDEMIOLOGY OF GRAM-NEGATIVE BACTERIA ISOLATED FROM MARINE WILDLIFE OF THE AQUITAINE COAST IN SOUTH WEST OF FRANCE

Audrey Payet, Arnaud Zabala, Sofiane Bakour, Fatima M'Zali, *France*

31. ANTIMICROBIAL RESISTANCE CHANGES IN E. COLI ISOLATED FROM RAPTORS IN A CENTER FOR INJURED WILD ANIMALS DURING RECOVERY.

Patrizia Nebbia, Mitzi Mauthe Degerfeld, Giuseppe Quaranta, Andrea Dogliero, Renato Lofiego, Patrizia Robino, *Italy*

32. FAST AND SIMPLE LC- MS/MS METHOD FOR THE ANALYSIS OF TETRACYCLINE ANTIBIOTICS IN POULTRY FEATHERS

Ewelina Nowacka- Kozak, Anna Gajda, Malgorzata Gbylik- Sikorska, Andrzej Posyniak, *Poland*

33. INJECTION SITE DEPENDENCE OF PHARMACOKINETICS OF ANTIMICROBIALS IN GOOSE

Orsolya Palócz, Gábor Nagy, György Csikó, *Hungary*

34. ANTIMICROBIALS RESISTANCE AT THE INTERFACE ANIMALS-HUMANS-ENVIRONMENT: PERSISTANCE AND SPREADING IN SWINE FARMS ECOLOGICAL NICHES

Sara Petrin, Ilaria Patuzzi, Carmen Losasso, Giancarlo Biancotto, Alessia Tiengo, Andrea Di Cesare, Giovanni Sette, Michele Drigo, Veronica Cibin, *Italy*

35. PHARMACOKINETICS OF TYLOSIN TARTRATE IN RAPIDLY GROWING MALE TURKEYS

Błażej Poźniak, Marta Tikhomirov, Karolina Motykiewicz-Pers, Kamila Bobrek, Piotr Okoniewski, Marcin Świtała, *Poland*

36. EFFECT OF MEDIUM CULTURE ON PHARMACODYNAMIC EFFECT OF MARBOFLOXACIN AGAINST COAGULASE NEGATIVE STAPHYLOCOCCI ISOLATED FROM GOAT MASTITIS

Augusto Matías Lorenzutti, Juan Pablo Vico, **Juan Manuel Serrano-Rodríguez**, María del Pilar Zarazaga, Martín Alejandro Himelfarb, Manuel Ignacio San Andrés-Larrea, Nicolás Javier Litterio, José Julio de Lucas-Burneo, *Spain*

37. PHARMACOKINETIC ANALYSIS OF CEFQUINOME AFTER INTRAVENOUS AND INTRAMUSCULAR ADMINISTRATION IN GOATS WITH DIFFERENT PHYSIOLOGIC STATES BY NONLINEAR MIXED-EFFECT MODELLING

Nicolás Javier Litterio, Augusto Matías Lorenzutti, Martín Alejandro Himelfarb, María del Pilar Zarazaga, Leandro Porta, **Juan Manuel Serrano-Rodríguez**, José Julio De Lucas-Burneo, Manuel Ignacio San Andrés-Larrea, *Spain*

38. CONTEXT SENSITIVE PHARMACOKINETICS OF CEPHALOTHIN AFTER INTRAVENOUS ADMINISTRATION IN ANESTHETIZED DOGS UNDERGOING OVARIOHYSTERECTOMY BY NONLINEAR MIXED-EFFECT MODELLING ANALYSIS

María del Pilar Zarazaga, Augusto Matías Lorenzutti, **Juan Manuel Serrano-Rodríguez**, Martín Alejandro Himelfarb, Mariano Guillermo Tinti, Sonia Rubio-Langre, Manuel Ignacio San Andrés-Larrea, Nicolás Javier Litterio, *Spain*

39. CARRIAGE OF EXTENDED SPECTRUM B-LACTAMASE AND AMPC-PRODUCING ENTEROBACTERIACEAE (ESBL/AMPC-E) IN PETTING ZOOS IN ISRAEL: A ZOONOTIC HAZARD?

Anat Shnaiderman Torban, Amir Steinman, Gal Meidan, Yossi Paitan, Wiessam Abu Ahmad, Shiri Navon-Venezia, *Israel*

40. SINGLE-SHOT PERIOPERATIVE ANTIMICROBIAL PROPHYLAXIS IN EQUINE COLIC SURGERY – 5 CASES

Sabita Diana Stoeckle, Dania Kannapin, Anne M. L. Kauter, Antina Lübke-Becker, Birgit Walther, Heidrun Gehlen, *Germany*

41. ANTIMICROBIAL RESISTANCE PATTERNS OF ESCHERICHIA COLI ISOLATED FROM CANINE URINARY SAMPLES SUBMITTED TO IZSLER DIAGNOSTIC LABORATORIES IN 2016–2017.

    Andrea Luppi, Roberta Taddei, Yuri Gherpelli, Giorgia De Lorenzi, Maria Cristina Fontana, Patrizia Bassi, Giovanni Pangallo, Giuseppe Merialdi, *Italy*

42. SURVEILLANCE OF ANTIMICROBIAL USAGE IN LIVESTOCK OF THAILAND: A MODEL OF DRUG SUPPLY CHAIN.

    Natthasit Tansakul, Chenphop Sawangmake, Kunan Bangphoomi, Sumetee Wongsak, Pakorn Ubolkosold, *Thailand*

43. ANTIBACTERIAL ACTIVITY OF SEMI-PURIFIED COMPOUND FROM PYROLIGNEOUS ACID OF OIL PALM SHELL AGAINST INFECTED BACTERIA ASSOCIATED WITH WOUND HEALING IN ANIMAL

    Yongyuth Theapparat, Jongkon Saising, Natthrit Roekngam, Sunisa Khongthong, Damrongsak Faroongsarng, *Thailand*

44. REDUCING THE SPREAD OF ANTIMICROBIAL RESISTANCE IN ANIMAL FARMS FOR THE HEALTH PROTECTION OF WORKERS

    Paola Tomao, Lebana Bonfanti, Marta Bottino, Giorgio Franceschini, Elisa Martello, Ilary Millet, Francesca Zaltron, Anna Rosa Favretto, Nicoletta Vonesch, Alessandro Mannelli, *Italy*

45. MOLECULAR IDENTIFICATION OF ANTIMICROBIAL RESISTANCE (AMR) GENES IN COW RAW MILK

    Clara Tramuta, Angelo Romano, Francesco Chiesa, Daniela Manila Bianchi, Selene Rubiola, Francesca Martucci, Silvia Gallina, Lucia Decastelli, *Italy*

46. ANTIFUNGAL ACTIVITY OF DUAL-COMBINED ESSENTIAL OILS ON CANDIDA ALBICANS ISOLATED FROM CATTLE

    Peter Váczi, Michal Fehér, Eva Čonková, *Slovakia*

47. MULTIRESISTANT MANNHEIMIA HAEMOLYTICA ISOLATES AS A CAUSE OF THERAPY FAILURE FOR BRONCHOPNEUMONIA IN BEEF FARMS

    Laura Van Driessche, Katharina van Leenen, Lieze De Cremer, Filip Boyen, Bart Pardon, *Belgium*

48. ANTIMICROBIAL RESISTANCE IN SELECTED RESPIRATORY PATHOGENS OF VEAL CALVES: A PILOT STUDY TOWARDS A NATIONWIDE REPRESENTATIVE ANTIMICROBIAL RESISTANCE MONITORING SYSTEM IN LIVESTOCK

    Maaike Gonggrijp, Jasper Simons, Annet Heuvelink, Jobke van Hout *The Netherlands*

49. ANTIMICROBIAL SUSCEPTIBILITY OF MYCOPLASMA SYNOVIAE ISOLATES FROM OUTBREAKS IN DUTCH POULTRY 2001-2018

    Jeanine Wiegel, Annet Heuvelink, Anneke Feberwee, *The Netherlands*

50. USE OF ANTIMICROBIALS AND ITS ASSOCIATION WITH BIOSECURITY IN NINE FINNISH FARROW-TO-FINISH PIG HERDS

    Jinhyeon Yun, Johanna Muurinen, Leena Seppä-Lassila, Virpi Sali, Olli Peltoniemi, Mari Heinonen, *Finland*

Notes

PROGRAM AT A GLANCE

Tuesday, October 16, 2018

16:00	Registration Opens
19:00	Get-Together Reception

Wednesday, October 17, 2018

09:00	Opening Address
09:15	**Session 1:** ANTIMICROBIAL RESISTANCE
10:45	*Coffee, Poster Viewing and Visit the Exhibition*
11:15	**Session 1:** ANTIMICROBIAL RESISTANCE (cont.)
12:00	*Lunch*
13:30	**Session 1**: ANTIMICROBIAL RESISTANCE (cont.)
15:00	*Coffee, Poster Viewing and Visit the Exhibition*
15:30	**Session 1:** ANTIMICROBIAL RESISTANCE (cont.)
17:15	Poster Session 1

Thursday, October 18, 2018

09:00	**Session 2:** ANTIMICROBIAL SUSCEPTIBILITY TESTING
11:00	*Coffee, Poster Viewing and Visit the Exhibition*
11:30	**Session 2:** ANTIMICROBIAL SUSCEPTIBILITY TESTING (cont.)
12:30	*Lunch*
13:30	**Session 3:** INNOVATIVE ANTIMICROBIAL THERAPY
15:00	*Coffee, Poster Viewing and Visit the Exhibition*
15:30	**Session 4:** BIOSECURITY
16:45	Poster Session 2

Friday, October 19, 2018

09:15	**Session 5:** PHARMACOKINETICS & PHARMACODYNAMICS
10:45	*Coffee, Poster Viewing and Visit the Exhibition*
11:15	**Session 5:** PHARMACOKINETICS & PHARMACODYNAMICS (cont.)
12:00	*Lunch*
13:30	**Session 6:** EARLY DETECTION OF DISEASES
14:45	Closing Remarks