



PROGRAM OUTLINE (Last Updated: November 17, 2020)

ALL TIMINGS ARE CENTRAL EUROPEAN TIME (CET)

MONDAY, NOVEMBER 23, 2020

16:00 WELCOME AND INTRODUCTION
Petra Cagnardi, Conference Chairperson, Italy
Stefan Soback, Conference Past-Chairperson, Israel

16:15 – 18:15 Session 1: ANTIMICROBIAL RESISTANCE

Chair: Joseph Blondeau, Canada

16:15 **Plenary Talk:**
ANTIMICROBIAL RESISTANCE IN THE ENVIRONMENT: IMPACT OF MANURE
FERTILIZATION ON RESIDUES AND MICROBIAL COMMUNITIES
Petra Cagnardi, Italy

16:45 **Plenary Talk:**
EPIDEMIOLOGY OF ANTIBIOTIC RESISTANCE BACTERIA: FROM MARINE
WILDLIFE TO INTENSIVE CARE UNITS A ONE HEALTH APPROACH
Fatima M'Zali, France

17:15 *Break and Poster Viewing*

17:30 **Free Communication:**
ANTIMICROBIAL STEWARDSHIP: KNOWLEDGE AND ATTITUDES AMONG
VETERINARY STUDENTS FROM UNIVERSITY OF NOVI SAD, SERBIA
Zorana Kovacevic, Serbia

17:45 **Free Communication:**
COLISTIN RESISTANCE TRENDS IN ESCHERICHIA COLI ISOLATED FROM DISEASED
FOOD-PRODUCING ANIMALS IN FRANCE – A BAYESIAN ESTIMATION FROM
ANTIBIOGRAMS DATA
Elsa Coz, France



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18:00 **Free Communication:**
IN VITRO CYTOTOXIC EFFECTS OF BONE DERIVED BY INTENSIVE CHICKEN
FARMING
Alessandro Di Cerbo, Italy

18:15 *Break and Poster Session 1*

18:45 - 20:15 Session 2: HUMAN HEALTH AND VETERINARY ASPECTS OF ANTIMICROBIALS

Chair: Alain Bousquet-Melou, France

18:45 **Plenary Talk:**
ORAL VERSUS INJECTABLE ANTIMICROBIAL AGENTS IN MAN AND ANIMALS: AN
ONGOING DEBATE
Boudewijn Catry, Belgium

19:15 **Plenary Talk:**
GLOBAL VETERINARY LEADERSHIP TO ADDRESS ANTIMICROBIAL RESISTANCE
Patricia Turner, President, World Veterinary Association, Canada

19:45 **Free Communication:**
HUMAN CASES OF STAPHYLOCOCCUS PSEUDINTERMEDIUS WITH
TRANSMISSION FROM FAMILY PETS
Leah Blondeau, Canada

20:00 **Free Communication:**
ANTIBIOTIC RESISTANCE AND VIRULENCE TRAITS IN VANCOMYCIN-RESISTANT
ENTEROCOCCI (VRE) AND EXTENDED-SPECTRUM B-LACTAMASE-PRODUCING
AND AMPC-PRODUCING (ESBL/AMPC)
Alessandro Di Cerbo, Italy

20:15 *End of Day*



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TUESDAY, NOVEMBER 24, 2020

16:00 – 17:30 Session 3: ANTIMICROBIALS & CLINICAL LABORATORY

Chair: Petra Cagnardi, Italy

- 16:00 **Plenary Talk:**
LABORATORY DIAGNOSTICS AND THEIR IMPACT ON PATIENT CARE,
ANTIMICROBIAL STEWARDSHIP AND ANTIMICROBIAL RESISTANCE
Joseph Blondeau, Canada
- 16:30 **Plenary Talk:**
THE STORY ABOUT MACROLIDES AND INTRACELLULAR ACTIVITY / DRUG
RELEASE / ACTIVITY (MYTH OR REALITY)
Françoise Van Bambeke, Belgium
- 17:00 **Free Communication:**
TENTATIVE EPIDEMIOLOGICAL CUT-OFF VALUE - WHEN NO ANTIMICROBIAL
BREAKPOINT IS AVAILABLE
Nanett Kvist Nikolaisen, Denmark
- 17:15 **Free Communication:**
COMPARISON OF ANTIBIOTIC RESISTANCE IN ESCHERICHIA COLI FROM CLINICAL
DIAGNOSTIC SUBMISSIONS AND ISOLATES OF HEALTHY BROILERS, TURKEYS AND
CALVES FROM SURVEILLANCE AND MONITORING SYSTEMS IN GERMANY AND
FRANCE
Octavio Mesa-Varona, Germany
- 17:30 **Break and Poster Session 2**



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TUESDAY, NOVEMBER 24, 2020 Continued

18:00 – 20:15 Session 4: ANTIMICROBIAL DRUGS

Chair: Pierre-Louis Toutain, France

- 18:00 **Plenary Talk:**
THE RECENT DEVELOPMENTS IN NOVEL DRUG DESIGN AND DISCOVERY
Paul M. Tulkens, Belgium
- 18:30 **Plenary Talk:**
UPDATE ON CRITICAL KNOWLEDGE GAPS AND CHALLENGES IN EVALUATING
THE IMPACT OF ANTIMICROBIAL RESIDUES IN FOOD ON THE HUMAN
INTESTINAL MICROBIOME
Carl Cerniglia, USA
- 19:00 **Free Communication:**
DATA ANALYSIS OF ANTIMICROBIAL PRESCRIPTIONS IN DUTCH BROILERS AND
FACTORS ASSOCIATED WITH LEVEL OF USE ON FARM LEVEL
Jeanine Wiegel, The Netherlands
- 19:15 *Break and Poster Viewing*
- 19:30 **Free Communication:**
APPLICATION OF REAL-TIME PCR FOR THE DETECTION OF ANTIMICROBIAL
RESISTANCE GENES IN HONEY
Roberta Tolosi, Italy
- 19:45 **Free Communication:**
SELECTIVE DRY COW THERAPY ON FLEMISH DAIRY HERDS USING AN
ALGORITHM BASED ON TEST-DAY SOMATIC CELL COUNTS
Zyncke Lipkens, Belgium
- 20:00 **Free Communication:**
THE ANTIMICROBIAL ACTIVITY OF MEDICAL GRADE HONEY
Stefanie Bohle, Germany
- 20:15 *End of Day*



TENTH INTERNATIONAL CONFERENCE ON
ANTIMICROBIAL AGENTS IN VETERINARY MEDICINE (AAVM)

VIRTUAL November 23-25, 2020

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WEDNESDAY, NOVEMBER 25, 2020

16:00 – 17:00 Session 5: PHARMACOKINETICS & PHARMACODYNAMICS

Chair: Ronette Gehring, The Netherlands

- 16:00 **Plenary Talk:**
POPULATION KINETIC AS A TOOL TO ESTABLISH PK/PD CUTOFF FOR
ANTIMICROBIAL SUSCEPTIBILITY TESTING
Pierre-Louis Toutain, France
- 16:30 **Free Communication:**
RATIONAL DOSAGE REGIMEN FOR CEPHALOTHIN AND CEFAZOLIN USING
PHARMACOKINETIC AND PHARMACODYNAMIC ANALYSIS IN HEALTHY
THOROUGHBRED HORSES
Taisuke Kuroda, Japan
- 16:45 **Free Communication:**
PAVING THE WAY FOR GROUP MEDICATION MODELLING: ENROFLOXACIN DOSE
OPTIMIZATION FOR TREATMENT OF COLIBACILLOSIS IN BROILER CHICKENS VIA
THE NON-LINEAR MIXED EFFECTS APPROACH
Robin Temmerman, Belgium
- 17:00 *Break and Poster Viewing*
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17:15 – 18:45 Session 6: PHARMACOKINETICS & PHARMACODYNAMICS Continued

Chair: Eran Lavy, Israel

- 17:15 **Plenary Talk:**
QUANTIFYING INTER-INDIVIDUAL VARIABILITY IN ANTIMICROBIAL EXPOSURE
WHEN TREATING GROUPS OF ANIMALS
Ronette Gehring, The Netherlands



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WEDNESDAY, NOVEMBER 25, 2020 Continued

- 17:45 **Plenary Talk:**
ANTIMICROBIAL COMBINATIONS: IS THERE ANYTHING TO GAIN?
Stefan Soback, Israel and **Eran Lavy**, Israel
- 18:15 **Free Communication:**
POPULATION PK/PD MODELLING OF ENROFLOXACIN FOR THE THREE MAJOR
TROUT PATHOGENS A. SALMONICIDA, F. PSYCHROPHILUM AND Y. RUCKERI
ACCORDING TO FISH PLOIDY.
Alexis Viel, France
- 18:30 **Free Communication:**
PHARMACOKINETICS OF DANOFLOXACIN IN BILGORAJSKA GEESE
Irene Sartini, Italy

18:45 – 20:00 Session 7: ANTIMICROBIAL SUSCEPTIBILITY TESTING

Chair: Fatima M'Zali, France

- 18:45 **Plenary Talk:**
THE MUTANT PREVENTION CONCENTRATION AFTER 20 YEARS OF RESEARCH!
Joseph Blondeau, Canada
- 19:15 *Break and Poster Viewing*
- 19:30 **Free Communication:**
MONITORING OF ANTIMICROBIAL SUSCEPTIBILITY OF E. COLI AND SALMONELLA
FROM PIGS IN THE NETHERLANDS, 2016-2019
Jobke van Hout, The Netherlands



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- 19:45 **Free Communication:**
MAJOR ANIMAL SPECIES, MINOR BACTERIAL PATHOGENS: A BACTERIAL
MINORITY REPORT FROM DIFFERENT CLINICAL CASES IN PIGS, 2016 - 2019
Annet Heuvelink, The Netherlands
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- 20:00 – 20:45 Session 8: Prof Zonghui Yuan SESSION ON RESIDUES & BIOSECURITY**
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- Chair: Stefan Soback, Israel**
- 20:00 **Plenary Talk:**
GROUPMEDIPIG: MONITORING THE HOMOGENEITY, STABILITY AND RESIDUES
OF ANTIMICROBIALS IN MEDICATED FEED AND DRINKING WATER ON 24 PIG
FARMS
Siska Croubels, Belgium
- 20:30 **Free Communication:**
DETECTION AND QUANTIFICATION OF ENROFLOXACIN AND FLUMEQUINE
RESIDUES IN THE FEATHERS OF BROILERS USING LC-MS/MS
Moniek Ringenier, Belgium
- 20:45 CLOSING REMARKS
Petra Cagnardi, Conference Chairperson, Italy
Stefan Soback, Conference Past-Chairperson, Israel
- 20:50 *End of Conference*