

SCIENTIFIC PROGRAM

MONDAY, AUGUST 25, 2008

08:00 08:30 Opening Ceremony

WELCOMING REMARKS

S. Soback, Chairman, Organizing Committee, Israel

IMPRESSIONS FROM PAST MEETINGS

P. Lees, UK

08:30 10:00 Session I

PHARMACOKINETICS/PHARMACODYNAMICS

Chairperson: **P. Lees, UK**

08:30 VETERINARY ANTIMICROBIAL THERAPY – FUTURE and CHALLENGES
S. Soback, Israel

09:00 PLASMA VS. TISSUE CONCENTRATIONS TO PREDICT ANTIBIOTIC EFFICACY
P-L. Toutain, France

09:30 SHOULD PHYSIOLOGICAL-BASED PHARMACOKINETIC MODELS
BECOME DE RIGUEUR FOR VETERINARY ANTIMICROBIAL STUDIES?
J. Riviere, USA

10:00 *Coffee Break*



10:30 - 12:00

PHARMACOKINETICS/PHARMACODYNAMICS

Chairperson: **J. Riviere, USA**


10:30 STRATEGY TO DESIGN A DOSING SCHEDULE FOR
MARBOFLOXACIN BASED ON A STEPWISE PK-PD MODELLING
APPROACH
T. Potter, J.M. Illambas, A. Rycroft, P. Lees, UK

10:45 PHARMACODYNAMICS OF OXYTETRACYCLINE IN VITRO AND
EX VIVO AGAINST CALF PATHOGENS
J.M. Illambas, T. Potter, A. Rycroft, P. Lees, UK

MONDAY, AUGUST 25, 2008, (continued)

10:30 – 12:00


PHARMACOKINETICS/PHARMACODYNAMICS (continued)

- 11:00 INFLUENCE OF ADMINISTRATION ROUTE ON THE BIOTRANSFORMATION OF AMOXICILLIN IN THE PIG
T. Reyns, **S. Croubels**, S. De Boever, S. Schauvliege, F. Gasthuys,
P. De Backer, Belgium
- 11:15 CEFQUINOME IN GOATS AND SHEEP: PK/PD INTEGRATION
G.C. Batzias, Greece
- 11:30 PHARMACOKINETICS AND EFFICACY OF TILMICOSIN IN THE TREATMENT OF *PASTEURELLA HAEMOLITICA* BRONCHOPNEUMONIA IN CALVES
A. Ramadan, Egypt
- 11:45 MODELLING OF PHARMACOKINETIC/PHARMACODYNAMIC DATA TO DETERMINE OPTIMUM DOSAGE REGIMEN OF MARBOFLOXAIN IN CALVES: INFLUENCE OF TOLFENAMIC ACID CONCURRENT ADMINISTRATION
P.K. Sidhu, P.L. Toutain, F.S. Aliabadi, M.F. Landoni, P. Lees, UK
- 12:00 *Lunch* 

13:30 -

PHARMACOKINETICS/PHARMACODYNAMICS

Chairperson: **P-L Toutain**, France

- 13:30 THE MANY EFFECTS OF PROTEIN BINDING: NONSPECIFIC BINDING SINKS, TARGETED DELIVERY AND BEYOND
N. Isoherranen, USA
- 14:00 IMPACT OF BIOLOGIC DIVERSITY ON ANTIMICROBIAL THERAPY IN VETERINARY MEDICINE
S. Modric, USA
- 14:30 NANOTHERAPEUTICS: WHAT'S THE "BIG" DEAL WITH "NANO"?
N. Monteiro-Riviere, USA
- 15:00 *Coffee Break* 

MONDAY, AUGUST 25, 2008, (continued)

15:30 – 16:30

PHARMACOKINETICS/PHARMACODYNAMICS

Chairperson: **N. Isoherranen**, USA

- 15:30 EFFECTS OF INOCULUM SIZE ON THE SELECTION OF RESISTANCE
IN ESCHERICHIA COLI BY MARBOFLOXACIN IN AN IN VITRO
PHARMACODYNAMIC MODEL AND IN A MOUSE-THIGH INFECTION
MODEL
A. Ferran, A.S. Kesteman, P.L. Toutain, A. Bousquet-Melou, France
- 15:45 EVALUATION OF THE POTENTIAL INTERACTION OF ANTIMICROBIALS
AND BIOCIDES ON THE PREVELANCE OF ANTIMICROBIAL
RESISTANCE
J. Fink-Gremmels, The Netherlands
- 16:00 PRINCIPLES OF THERAPY (CLINICAL PHARMACOKINETICS
OVERVIEW)
A.M. Amer, Egypt
- 16:30 BIOAVAILABILITY ROUND TABLE
- 17:00 Poster Viewing

TUESDAY, AUGUST 26, 2008

08:30 – 10:00

SUSCEPTIBILITY and BREAKPOINTS

Chairperson: **M. Martinez**, USA

08:30 THE ROLE OF PK/PD IN THE ESTABLISHMENT OF SUSCEPTIBILITY
BREAKPOINTS: A CLSI PERSPECTIVE
M. Martinez, USA

09:00 SUSCEPTIBILITY BREAKPOINTS: WHAT ARE THEY, HOW SHOULD
THEY BE USED? WHAT DOES IT REALLY MEAN? AN OVERVIEW
J. Watts, USA

09:30 TBA

10:00 *Coffee Break*



10:30 – 12:00

10:30 BREAK POINT DISCUSSION

SUSCEPTIBILITY and BREAKPOINTS

Chairperson: **S. Brown**, USA

11:00 COMPARISON OF ANTIMICROBIAL RESISTANCE IN *ESCHERICHIA*
COLI FROM HEALTHY CATTLE OF DIFFERENT AGES FROM ORGANIC
AND CONVENTIONAL DAIRY FARMS.
U. Grönlund Andersson, K. Ekström, S. Thyselius, B. Bengtsson
Sweden.

11:15 AN ASSESSMENT OF THE RELATIONSHIP BETWEEN USAGE AND
RESISTANCE USING MONITORING DATA
C. Chauvin, E. Jouy, M. Bruneau, A. Perrin-Guyomard, M. Querrec,
P. Sanders, France

11:30 RELATEDNESS OF AMPICILLIN RESISTANT *ESCHERICHIA COLI*
STRAINS ISOLATED FROM PIGS DURING AMPICILLIN TREATMENT
D. Bibbal, V. Dupouy, M.F. Prere, P.L. Toutain, A. Bousquet-Melou
France

11:45 ACSSuT MULTI-DRUG RESISTANCE AMONG *SALMONELLA* ISOLATES
OF ANIMAL ORIGIN
P.J. Fedorka-Cray, J. Frye, J. Haro, USA

12:00 *Lunch Break*



TUESDAY, AUGUST 26, 2008 (continued)

13:30 – 15:00

ANTIBIOTICS and RESISTANCE

Chairperson: **J. Watts**, USA

- 13:30 BIOFILMS IN VETERINARY MEDICINE: FACTS AND HYPOTHESES
J. Fink-Gremmels, The Netherlands
- 14:00 TULATHROMYCIN PHARMACODYNAMICS: WHEN MIC'S DON'T TELL
THE WHOLE STORY
S. Brown, USA
- 14:30 EXPERIENCES TESTING CATTLE FARMS FOR PRESENCE OF
BACTERIAL PATHOGENS AND POSSIBLE CONSEQUENCES FOR THE
PROOF OF EFFICACY OF ANTIMICROBIALS UNDER FIELD
CONDITIONS
K. Hellmann, G. Braun, L. Weissfloch, I. Radeloff, Germany
- 14:45 COMPARISON OF ANTIMICROBIAL RESISTANCE IN OLD AND RECENT
STAPHYLOCOCCUS AUREUS ISOLATES FROM BROILERS
M. Nemati, K. Hermans, U. Lipinska, O. Denis, A. Deplano, M. Struelens,
L. A. Devriese, F. Pasmans, **F. Haesebrouck**, Belgium
- 15:00 *Coffee Break*



TUESDAY, AUGUST 26, 2008 (continued)

15:30 – 16:30

ANTIBIOTICS and RESISTANCE

Chairperson: **J. Fink-Gremmels**

- 15:30 MOLECULAR ANALYSIS OF TRIMETHOPRIM RESISTANCE IN
ESCHERICHIA COLI ISOLATES COLLECTED IN THE BFT-GERMVET
MONITORING STUDY
K. Kadlec, S. Schwarz, Germany
- 15:45 INFLUENCE OF INOCULUM SIZE ON THE SELECTION OF
MARBOFLOXACIN RESISTANT MUTANTS IN EXPERIMENTAL RAT
KLEBSIELLA PNEUMONIAE LUNG INFECTION
A.S. Kesteman, A. Ferran, A. Perrin-Guyomard, M. Laurentie,
P.L. Toutain, A. Bousquet-Mélou, France
- 16:00 ANTIMICROBIAL SUSCEPTIBILITY OF CLOSTRIDIUM SPIROFORME
F. Agnoletti, T.Ferro, A. Guolo, M. Cocchi, C. Bacchin, B.Marcon, L.Bano,
I. Drigo, Italy
- 16:15 DETECTION OF EXTENDED- SPECTRUM β -LACTAMASES AMONG
PATHOGENS ISOLATED FROM CHICKENS IN CHINA AND THEIR
ANTIBIOTIC RESISTANCE
L. Yuan, **G-Z. Hu**, J-H. Liu, Z-M. Liu, J. Mo, Y-S. Pan, China
- 17:00 Poster Viewing
- 20:00 *Gala Dinner*

WEDNESDAY, AUGUST 27, 2008

08:30 – 10:00

ANTIBIOTICS and HUMAN SAFETY

Chairperson: **L. Ritter**, Canada

08:30 ANTIMICROBIAL RESISTANCE IN THE FOOD CHAIN: EPIDEMIOLOGY
AND CONTROL OPTIONS
F.M. Aarestrup, Denmark

09:00 REDUCING CO- AND CROSS-RESISTANCE, AN ACHIEVABLE
PARADIGM OR FOOLS PARADISE?"
P. Silley, UK

09:30 HUMAN FOOD SAFETY CONSIDERATIONS AND CHALLENGES FOR
ANTIMICROBIAL NEW ANIMAL DRUGS
S. Steve Yan, A.H. Fernandez, J.M. Gilbert, USA

10:00 *Coffee Break*



10:30 – 12:00

ANTIBIOTICS and HUMAN SAFETY

Chairperson: **P. Silley**, UK

10:30 SALES OF VETERINARY ANTIMICROBIALS IN SWITZERLAND, 2006
C. Müntener, F. Stucki, F.R. Althaus, B. Gassner, Switzerland

10:45 PATTERNS OF ANTIMOCROBIAL USE IN DOGS AND CATS IN
DENMARK, NORWAY AND SWEDEN
V.F. Jensen, C. Greko, K. Grave, M. Norström, M. Bangen, L. Petterson,
O.E.Heuer, Denmark

11:00 SCREENING AND CONFIRMATORY PROCEDURES FOR ANALYSIS OF
TETRACYCLINE RESIDUES IN ANIMAL TISSUES
A. Gajda, K. Mitrowska, A. Posyniak, J. Zmudzki, Poland

11:15 SCREENING AND CONFIRMATORY PROCEDURES FOR ANALYSIS OF
SULFONAMIDE RESIDUES IN ANIMAL TISSUES
K. Pietruszka, K. Mitrowska, A. Posyniak, J. Zmudzki, Poland

11:30 DETERMINATION OF CHLORAMPHENICOL RESIDUES IN ROYAL
JELLY WITH LIQUID CHROMATOGRAPHY-TANDEM MASS
SPECTROMETRY: VALIDATION OF THE METHOD BASED ON
2002/657/EC
S. Menotta, V. Carone, E. Bolognesi, E. Caprai, G. Fedrizzi, Italy

12:00 *Lunch Break*




TUESDAY, AUGUST 27, 2008 (continued)

13:30 – 15:00

ANTIBIOTICS and ANALYTICAL PROCEDURES

Chairperson: **J. Hajslova**

- 13:30 MULTI VETERINARY DRUG RESIDUE TESTING USING A TRIPLE QUAD
LINEAR ION TRAP LC/MS/MS HYBRID SYSTEM FOR BOTH
QUANTITATION AND CONFIRMATION
EUROFIN PRESENTATION
- 14:00 LC/MS/MS IN ANTIBIOTIC RESEARCH
S. Soback, Israel
- 14:30 APPROACHES TO SCREENING OF ANTIBIOTIC RESIDUES IN BOVINE
TISSUES
K. Mastovska, M.J. Schneider, S.J. Lehotay, A.R. Lightfield, USA
- 14:45 EVALUATION OF TETRACYCLINE POSITIVE SLAUGHTER ANIMALS
WITH THE NOUWS ANTIBIOTIC TEST: REJECTION OF SLAUGHTER
ANIMALS WITHOUT CONFIRMATORY ANALYSIS?
M.G. Pikkemaat, M.L.B.A. Rapallini, J.G. van der A, The Netherlands
- 15:00 *Coffee Break* 

15:30

ANTIBIOTICS and RESIDUES

Chairperson: **S. Soback**

- 15:30 LONG DEPLETION TIME OF TETRACYCLINE IN CHICKENS FOR
FATTENING
F. Gamboa, F.H. Suarez, V. Caballero, M.A. Martínez, I. Ares,
M. Martínez, **M.R. Martínez-Larrañaga**, Spain
- 15:45 DEVELOPMENT OF A NEW HPLC METHOD FOR THE DETERMINATION
OF CLAZURIL (APPERTEX[®]) IN EGGS AND PLASMA FROM LAYING
HENS AFTER SINGLE AND MULTIPLE TREATMENT
M. Giorgi, G. Soldani, Italy
- 16:00 IPROPOSALS FOR WITHDRAWAL TIME OF SHEEP MILK FOR SOME
COMMONLY USED ANTIMICROBIAL DRUGS
L.V. Athanasiou, D.C. Orfanou, I.A. Fragkou, D.A. Gougoulis, C. Nerou,
V.L. Katsoudas, G.C. Vachratidis, G.C. Fthenakis, Greece
- 17:00 Poster Viewing