



# 4<sup>th</sup> Annual Scientific Meeting **PROGRAMME** 7-9 October 2015, Maisons-Alfort, France



# MEDVETNET 2015

## 4<sup>th</sup> Annual Scientific Meeting

Wednesday 7<sup>th</sup> October 2015

**09:00** MEDVETNET ASSOCIATION CLOSED WORKSHOP  
ON EXTENDED-SPECTRUM B-LACTAMASE SOURCE ATTRIBUTION  
Joost SMID and Dik MEVIUS

**12:45** *Lunch (at the ANSES canteen)*

**13:30** MEDVETNET ASSOCIATION CLOSED WORKSHOP  
ON EXTENDED-SPECTRUM B-LACTAMASE SOURCE ATTRIBUTION (ctd)  
Joost SMID and Dik MEVIUS

WORKSHOP - qPCR AIMED AT YOUNG AND TECHNICAL SCIENTISTS  
Patrick FACH, ANSES, France

**15:00** MEDVETNET ASSOCIATION CLOSED MANAGEMENT MEETING

**17:30** *Welcome informal reception open to conference delegates arriving on 7<sup>th</sup>*

Thursday 8<sup>th</sup> October 2015

**08:00** *Registration and poster hanging*

**08:50** CONFERENCE OPENING SESSION

WELCOME TO MEDVETNET 2015

Marc MORTUREUX, Director General, ANSES, France  
Prof. Roberto LA RAGIONE, President of the MedVetNet Association

CURRENT ONE HEALTH CHALLENGES: MEDICAL AND VETERINARY PERSPECTIVES

Prof. Benoît VALLET, Director-general of Health in the French Ministry of Social Affairs, Health and Women's Rights

Dr. Loïc EVAÏN, Chief Veterinary Officer, Deputy Director general of Food in the French Ministry of Agriculture and Forestry

KEYNOTE ADDRESS - ZOOONOTIC DISEASES: A WHO PERSPECTIVE (KN01)

Dr. Hilde KRUSE, Programme manager, Food Safety WHO Regional Office for Europe, Copenhagen, Denmark

KEYNOTE ADDRESS - ONE HEALTH IN ACTION: ASSESSING AND RESPONDING TO EMERGING ZOOONOSSES AND UNUSUAL INCREASE IN INCIDENCE OF ZOOONOSSES (KN02)

Prof. Dilys MORAGAN, Public Health England, London, United Kingdom

**10:40** *Coffee break and posters*

# 7-9 OCTOBER 2015

11:10

## THEME 1: EPIDEMIOLOGICAL SURVEILLANCE AND RISK ANALYSIS

**EVALUATION AND IMPLEMENTATION OF WGS FOR SURVEILLANCE OF FOODBORNE INFECTIONS (ER24)** Dr. Eva MØLLER NIELSEN, Statens Serum Institut, Copenhagen, Denmark

**OFFERED PAPER 1 - COMPARATIVE *IN VITRO* VIRULENCE AND GENOMICS OF STEC O157 FROM THE NETHERLANDS AND SCOTLAND (ER09)** Eelco FRANZ, RIVM, Bilthoven, The Netherlands

**OFFERED PAPER 2 - A DIAGNOSTIC-METAGENOMIC APPROACH TO NATIONAL SURVEILLANCE OF FOODBORNE PATHOGENS (ER10)** Jeffrey HOORFAR, DTU Food, Denmark

**OFFERED PAPER 3 - IMPROVING QUANTITATIVE MICROBIOLOGICAL RISK ASSESSMENTS BY INTRODUCING DATA ON VARIABILITY, AND BY COMBINING GENOTYPIC AND PHENOTYPIC DATA (ER16)** Henk AARTS, National Institute for Public Health and Environment (RIVM), Bilthoven, The Netherlands

**ASSESSING THE BENEFITS OF ONE-HEALTH APPROACHES (ER25)**  
Dr. Barbara HAESLER, RVC, United Kingdom

12:45 *Lunch*

13:45

## THEME2: EMERGING, RE-EMERGING AND NEGLECTED ZOOSES

**UPDATE ON EBOLA VIRUS IN WEST AFRICA (EN22)**

Dr. Jean-Claude MANUGUERRA, WHO Collaborating Centre for Expertise and Research on Arboviruses and Viral Haemorrhagic Fevers, Institut Pasteur, Paris, France

**HEV – INVESTIGATING EMERGENCE ON A EUROPEAN LEVEL THROUGH MULTIDISCIPLINARY COLLABORATION (EN23)**

Dr. Nicole PAVIO, Laboratory for Animal Health, ANSES, Maisons-Alfort, France

**OFFERED PAPER 4 - SPORADIC OCCURRENCE OF HEPATITIS E VIRUS (HEV) IN FARMED RABBITS IN POLAND (EN05)** Ewelina BOGORAJ, National Veterinary Institute, Poland

15:00 *Coffee break and Poster pitching session*

16:00

## THEME2 (ctd): EMERGING, RE-EMERGING AND NEGLECTED ZOOSES

**Q FEVER SURVEILLANCE IN SMALL RUMINANTS IN THE NETHERLANDS: IS IT STILL MEETING THE CURRENT SITUATION? (EN24)**

Hendrik-Jan Roest, CVI, WUR, The Netherlands

**OFFERED PAPER 5 - DEVELOPMENT OF VACCINES FOR BADGERS AGAINST BOVINE TUBERCULOSIS (EN11)** Sandrine LESELLIER, Animal and Plant Health Agency, United Kingdom

**OFFERED PAPER 6 - IDENTIFYING PIG HERDS AT RISK FOR *TOXOPLASMA GONDII*: PREVALENCE AND TEST CHARACTERISTICS (EN12)**

Aline de KOEIJER, CVI, WUR, The Netherlands

**THE WHO NTD ROADMAP, WITH EMPHASIS ON HUMAN FOODBORNE TREMATODIASES (EN25)**  
Prof. Santiago MAS-COMA, Department of Parasitology, University of Valencia, Spain

17:20 *End of the 1<sup>st</sup> day*

19:00 *Visit and dinner at Musée d'Orsay in Paris*

19:00 *Coach pick-up at Anses in Maisons-Alfort*

# MEDVETNET 2015

## 4<sup>th</sup> Annual Scientific Meeting

Friday 9<sup>th</sup> October 2015

08:50 **STUDENT AND YOUNG SCIENTIST SESSION**

OFFERED PAPER 7 - PREVALENCE AND CHARACTERISTICS OF EXTENDED-SPECTRUM CEPHALOSPORIN-RESISTANT *SALMONELLA ENTERICA* SEROVAR HEIDELBERG IN THE NETHERLANDS (1999-2013) (AMR07) Apostolos LIAKOPOULOS, CVI, WUR, The Netherlands

OFFERED PAPER 8 - WHOLE GENOME SEQUENCING A PROMISING TOOL IN EPIDEMIOLOGIC INVESTIGATIONS OF TRANSMISSION OF METHICILLIN-RESISTANT *STAPHYLOCOCCUS PSEUDINTERMEDIUS* (AMR08) Ulrika WINDAHL, SVA, Sweden

OFFERED PAPER 10 - BACTERIOCIN-PRODUCING PROBIOTIC *LACTOBACILLUS SALIVARIUS* SMXD51 REDUCES *CAMPYLOBACTER JEJUNI* COLONIZATION IN BROILER CHICKENS (ER05) Manuel Jimmy SAINT-CYR, Ploufragan Laboratory, ANSES, France

OFFERED PAPER 11 - *SALMONELLA* TYPHIMURIUM ALTERS PORCINE INTESTINAL MICROBIOTA COMPOSITION IN A VIRULENCE-DEPENDENT WAY (ER01) Rosanna DRUMO, ISS, Italy

OFFERED PAPER 12 - CHARACTERISATION OF CAPC, A NOVEL STRAIN SPECIFIC AUTOTRANSPORTER IN *CAMPYLOBACTER* SPECIES (ER13) Jai MEHAT, University of Surrey, United Kingdom

09:50 **KEYNOTE ADDRESS-BUILDING A GLOBAL CAPABILITY TO DETECT, CONTROL AND PREVENT ZOOSES IN A CHANGING WORLD (KN03)**

Dr. Joseph DOMENECH, Head of Mission, World Animal Health Organization (OIE)

10:30 **Coffee break and posters**

**THEME<sub>3</sub>: IMPACT OF CLIMATE CHANGE AND GLOBALISATION**

CLIMATE CHANGE AND PUBLIC HEALTH POLICY: TRANSLATING THE SCIENCE (GC02) Dr. Marieta BRAKS, National Institute for Public Health and Environment (RIVM), Bilthoven, The Netherlands

ARE GLOBALIZATION AND CLIMATE CHANGE IMPACTING ON FOODBORNE PARASITES? (GC03) Edoardo POZIO, ISS, Italy

OFFERED PAPER 13 - MARKED INCREASE IN LEPTOSPIROSIS INFECTIONS IN HUMANS AND ANIMALS IN THE NETHERLANDS, 2014 (GC01) Kitty MAASSEN, National Institute for Public Health and Environment (RIVM), Bilthoven, The Netherlands

FUTURE ZOOZOTIC DISEASE THREATS TO EUROPE ASSOCIATED WITH CLIMATE CHANGE (GC04) Prof. Jan SEMENZA, European Centre for Disease Surveillance and Control (ECDC), Stockholm, Sweden

12:30 **Lunch and posters**

13:30 **THEME 4: EMERGING CHALLENGES TO ONE-HEALTH APPROACHES FOR COMBATING ANTIMICROBIAL RESISTANCE IN ZOOZOTIC ORGANISMS**

ANTIMICROBIAL RESISTANCE IN THE FOOD CHAIN: A STAKEHOLDERS PERSPECTIVE OF THE ISSUES (AMR12) Dr. Ernesto LIEBANA CRIADO, Acting Head of the Biological Hazards and Contaminants Unit, European Food Safety Authority, Parma, Italy

EXAMPLE OF COLLABORATIVE ONE-HEALTH APPROACHES MAKING PROGRESS ON EMERGING ISSUES IN ANTIMICROBIAL RESISTANCE (AMR13) Prof. Bruno GONZALEZ ZORN, Foodborne Zoonoses and Antimicrobial Resistance Unit, VISAVET Health Surveillance Centre, Universidad Complutense Madrid, Spain

OFFERED PAPER 14 - PREVALENCE OF EXTENDED-SPECTRUM B-LACTAMASE (ESBL) AND AMPC-PRODUCING *E. COLI* IN THE POULTRY PRODUCTION CHAIN IN GERMANY (AMR04) Annemarie Kaesbohrer, BfR, Germany

MOBILISABLE GENES ASSOCIATED WITH ANTIMICROBIAL RESISTANCE OF PUBLIC HEALTH CONCERN (AMR14) Prof. Jean-Yves MADEC, Deputy Director, Lyon Laboratory, ANSES, France

14:50 **TACKLING ANTIMICROBIAL RESISTANCE ASSOCIATED WITH FBZ USING ONE-HEALTH APPROACHES - WHAT NEEDS TO IMPROVE? Panel Discussion**

15:15 **Award Presentation and Closing**

Roberto La Ragione, MedVetNet President and André Jestin, MedVetNet Vice President