



SAFEPORK2017 LIST OF APPROVED ABSTRACTS ORAL SESSION

August 22nd

Epidemiology of foodborne pathogens and zoonotic diseases in the pork production chain

- 10:15 am Genomic characterization of *Staphylococcus aureus* at the human-swine interface (Peter Davies; University of Minnesota, USA)
- 10:30 am *Taenia solium* cysticercosis in the unprocessed pork supply chain in Nairobi and environs, Kenya (James Akoko; International Livestock Research Institute, Tanzania)
- 10:45 am Diversity of *Yersinia enterocolitica* population in a slaughterhouse between 2009 and 2010 and discrimination ability of MLVA compared to PFGE (Pierre Raymond, Hygiene and Quality of Poultry and Pig Products Unit, University of Bretagne-Loire, Ploufragan, France)
- 11:30 am National Prevalence of *Salmonella* spp. in Pork Slaughterhouses under Federal Inspection in Brazil, 2014/2015 (Anna Carolina Massaro Brasileiro; Universidade Federal de Minas Gerais, Brazil)
- 11:45 am Prevalence and associated risk factors of *Salmonella* spp. on the pork production chain in Córdoba, Argentina (Juan Pablo Vico; IRNASUS-CONICET, Universidad Católica de Córdoba, Argentina)
- 12:00 pm Dynamic of excretion and immune response of experimentally infected pigs with monophasic variant of *Salmonella* Typhimurium serovar 1,4,[5],12:i:- (Maria Bellen Cevallos Almeida; Hygiene and Quality of Poultry and Pig Products Unit, University of Bretagne-Loire, Ploufragan, France)
- 12:15 pm Evaluation of the colonizing ability on IPEC-J2 cells and of the pathogenicity on Caco-2 cells of the 3 major French pig *Salmonella* serovars (Annaelle Kerouanton; French Agency for Food, Environmental and Occupational Health & Safety, France)

Surveillance and control of foodborne pathogens at pre-harvest and post-harvest level

- 03:00 pm Evaluating correlations in *Salmonella* serotypes in swine in four dataset (Annette O'Connor, Iowa State University, USA)

- 03:15 pm Revisiting the role of pig-serology in the context of Salmonella control programs in countries with high prevalence of infection – a preliminary study (Raul C. Mainar-Jaime; Universidad de Zaragoza, Spain)
- 03:30 pm Results from a study of the effect of enhanced cleaning and disinfection on Salmonella prevalence in finisher pig buildings (Richard Smith; Animal and Plant Health Agency, UK)
- 03:45 pm New innovative feeding strategy for reducing Salmonella in swine (Janekke Allaart; Trouw Nutrition Research and Development, Netherlands)
- 04:45 pm Maternal vaccination as an effective Salmonella reduction strategy (Richard Smith; Animal and Plant Health Agency, UK)
- 05:00 pm Salmonella Typhimurium fecal shedding following Salmonella Choleraesuis-Typhimurium vaccination via drinking water and challenge (Jessica Seate; Boehringer Ingelheim Animal Health, USA)
- 05:15 pm Influence of different vaccination strategies against Salmonella Typhimurium in pig farms on the number of carriers in ileocecal lymph nodes (Linda Peeters, Faculty of Veterinary Medicine, Ghent University, Belgium)
- 05:30 pm Vaccination against Lawsonia intracellularis decreases shedding of Salmonella enterica serovar Typhimurium co-infected pigs and changes host gut microbiome (Fernando Leite; University of Minnesota, USA)
- 05:45 pm Development and evaluation of a novel orally administered inactive subunit vaccine to control foodborne pathogens (Sherry Layton, Vetanco, Argentine)

August 23rd

Antimicrobials in swine production, antimicrobial resistance, alternative strategies to antimicrobial use

- 09:30 am Human health implications of MRSA CC398 in Denmark (Jan Dahl; Danish Agriculture & Food Council, Denmark)
- 09:45 am MRSA in breeding pigs in Germany 2015 (Bernd-Alois Tenhagen; Bundesinstitut für Risikobewertung, Germany)
- 10:00 am Genotypic characterization of multidrug resistant Salmonella enterica serotype 4,[5],12:i:- in swine in the United States Midwest (Peter Davies; University of Minnesota, USA)
- 10:15 am Influence of antimicrobial administration in feed of pigs raised with different medication levels on the Escherichia coli resistance and on the gut microbiota profile (Caroline Pissetti; Departamento de Medicina Veterinária Preventiva, Universidade Federal do Rio Grande do Sul, Brazil)
- 11:15 am In vitro assay for antimicrobial interaction evaluation and risk assessment of antimicrobials in anaerobic digestion of swine manure (Ricardo Steinmetz, Embrapa Swine and Poultry, Concórdia, Brazil)
- 11:30 am Alternatives to antimicrobial treatment in weaners – the veterinary practitioner's solution (Frede Keller; DanVet, Denmark)

11:45 am Efficient waterlines cleaning protocols in post-weaning rooms: a new way to reduce antibiotic consumption? (Mily Leblanc-Maridor; LUNAM Université, Oniris, Nantes-Atlantic College of Veterinary Medicine and Food Science and Engineering, France)

12:00 pm Natural feed additives as alternative to in-feed medication (Antonia Tacconi; Biomin Holding GmbH, Austria)

Risk Assessment and risk communication in food safety

03:00 pm A cost-benefit assessment of Salmonella control strategies in pig herds within the United Kingdom (Richard Smith; Animal and Plant Health Agency, UK)

03:15 pm Using serological monitoring, internet-based feedback and on-farm auditing to improve Toxoplasma gondii control at Dutch pig farms (Derk OOrburg; Vion Food, Netherlands)

03:30 pm Application of qualitative risk assessment to prioritize hazard in pork products in Brazil (Eduardo Freitas Costa; EPILAB, Faculdade de Veterinária, Universidade Federal do Rio Grande do Sul, Brazil)

03:45 pm A spatial entry assessment model for incursion of exotic swine diseases into the European Union (Richard Smith; Animal and Plant Health Agency, UK)

Slaughter process and Meat Inspection: quality, hygiene and safety

04:45 pm Control of Salmonella environmental contamination during transport and lairage: a realistic project? (Mily Leblanc-Maridor; LUNAM Université, Oniris, Nantes-Atlantic College of Veterinary Medicine and Food Science and Engineering, France)

05:00 pm Association between slaughter practices and the distribution of Salmonella, ESBL/AmpC-producing Escherichia coli and hygiene indicator bacteria on pig carcasses after slaughter (Wauter Biasino; Ghent University, Belgium)

05:15 pm The harmonization of sanitary decision criteria for vertebral osteomyelitis in pig carcasses (Maria Madalena Vieira-Pinto; Universidade Trás-os-Montes e Alto Douro, Portugal)

05:30 pm Guidelines for farmers, transporters and official veterinarians to assess the "Fitness for Transport and Slaughter" of slaughter pigs (Diana Meemken; Martin-Luther-University Halle-Wittenberg, Germany)

05:45 pm Automated assessment of animal welfare indicators in pigs at slaughter (Lara Bloemke; Tierärztliche Hochschule, Hannover, Germany)