

One Health EJP Annual Scientific Meeting 2020 POSTER PRESENTATIONS

Date: 27th - 29th May 2020



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ASM 2020
POSTER PRESENTATIONS
ne HEALTH EJP
VRI SURREY

ASM 2020
Complete sequences of IncHI1/ST9 plasmids carrying *bla*_{CTX-M-1} from horses of Czech and Dutch origin using MinION and PacBio

ASM 2020
FED-AMR: The role of free extracellular DNA in dissemination of antimicrobial resistance over ecosystem boundaries along the food/feed chain

ASM 2020
CgDIST a new methodology to inferring phylogeny

ASM 2020
Fermented defatted alperujo (FDA) reduces histopathological lesions and excretion in laying hens naturally infected with *Brachyspira* spp.

ASM 2020
Detection of *Klebsiella* spp. in chicken meat: methods performance study

ASM 2020
Occurrence of CPE in German livestock 2019 – an increasing diversity

ASM 2020
Retailed aquaculture products as a source of bacteria with *mcr*-mediated colistin resistance

ASM 2020
Identification of multidrug resistant *Escherichia coli* ST410 carrying *bla*_{CTX-M15} and *aac*(6)*IIb-cr* in food producing animals

ASM 2020
Plasmid-mediated resistance to critically important antibiotics in *Escherichia coli* isolated from food animals and retail meat

ASM 2020
Brucella spp. core-genome to predict new markers for rapid identification of emerging species

ASM 2020
Redundancy in Arsa proteins among enterococci makes this bacterial group a potential sentinel of arsenic pollution

ASM 2020
Exposure to airborne microorganisms in medical service rooms

ASM 2020
Bacterial foodborne pathogens in raw cow milk

ASM 2020
Geographical information system as a tool used in antimicrobial resistance surveillance

ASM 2020
Attributable sources of surface water contamination with *Campylobacter jejuni/coli* in the Netherlands

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Genome sequence-based comparative analysis of antimicrobial resistance of *Campylobacter jejuni* and *Campylobacter coli* from the UK and USA, 2001-2018

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Development of novel smart diagnostics for infection control



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Distribution of multilocus sequence types of *Listeria monocytogenes* isolated from food and associated production environments in Poland

ASM 2020
Economic burden of bovine tuberculosis and paratuberculosis: A systematic review

ASM 2020
Multiblock redundancy analysis for the identification of potentially influencing factors on the therapy frequency of antibiotics in Austrian Piglet production farms

ASM 2020
METAPRO: Metagenomics and genomic approaches for the prevention of the spread of plazomicin resistance in humans, animals and the environment

ASM 2020
AVANT: Alternatives to Veterinary Antimicrobials

ASM 2020
Bacterial abundance during storage and composting processes of the pig manure

ASM 2020
Investigating the role of heavy metals in the environment as a selective pressure for the dissemination of antimicrobial resistance (HME-AMR)

ASM 2020
Occurrence of *bla*_{CTX-M-68} in multidrug resistant *Escherichia coli* from retail meat

ASM 2020
In vivo analysis of *E. coli* strains selected for different post specificities by a "Nearest Neighbour" bioinformatics approach in experimentally inoculated piglets

ASM 2020
Occurrence of IS6110 copies in genomes of field strains of *Mycobacterium Bovis* revealed high disparity among genetic family

ASM 2020
Identification of emerging *Brucella* species: new threats for human and animals (IDEMBRU)

ASM 2020
Comparison of gene targets for *Campylobacter fetus* PCR-identification using high throughput sequencing as gold standard.

ASM 2020
'Exotic' *Salmonella* infections associated with pet reptiles exposure identified in the Slovak Republic

ASM 2020
MATRIX: Connecting dimensions in One Health surveillance

ASM 2020
Establishment of a shared MALDI-ToF reference spectra base, covering three pathogens of interest

ASM 2020
Yersinia enterocolitica in foods: a new molecular tool for microbiological risk assessment

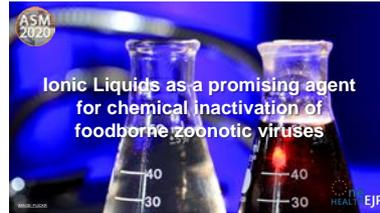
ASM 2020
Selecting a biosecurity protocol to identify best practices for limitation of *Salmonella* and Hepatitis E virus occurrence in European pig farms

ASM 2020
Defining Antimicrobial Susceptibility of Veterinary Pathogens: Identification of Antimicrobial Resistance Mechanisms



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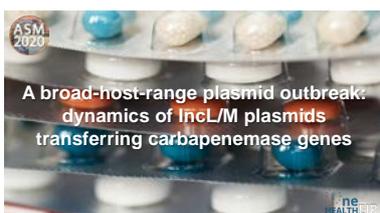
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Molecular characterization of antimicrobial resistance genes on *Staphylococcus pseudintermedius* isolates recovered from dogs in Spain

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Characterisation and distribution of *Cryptocotyle*, potentially zoonotic parasite in marine fish

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A new approach for typing bacterial strains, based on the joint use of cgMLST and LIN codes, and its application to *Klebsiella pneumoniae* species

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CARE: Cross-sectoral framework for quality assurance resources for countries in the European Union

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Metagenomic analysis of antimicrobial resistance profiles in aquatic environments

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LIN-RES project: Linezolid selective monitoring during 2019 in Belgium: a linezolid resistance study

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Molecular characterization of antibiotic resistant *Enterobacteriaceae* in poultry in Lebanon

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Age-related changes of usability of a commercial selective agar for isolation of carbapenemase-producing *Enterobacteriaceae* from samples of animal origin

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Text mining technology as added-value infrastructure to the One Health EJP Glossary.

ASM 2020

Development of an aptamer-based test for *Trichinella* detection

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Methodology to assess the excess burden of antimicrobial resistance: example of urinary tract infections in the Netherlands

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The relevance of transmission routes of antibiotic resistant bacteria calculated using different methodologies and the relevance of routes per pathogen: a systematic review

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Occurrence of colistin resistance genes *mcr-1* in livestock *E. coli* from in North-West of Russia

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WILBR: Contribution of wild birds to AMR in the environment and on farm

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Loop-primer endonuclease cleavage loop-mediated isothermal amplification (LEC-LAMP) technology for multiplex pathogen detection and single nucleotide polymorphism identification

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mcr-1-carrying *Enterobacteriaceae* strains from raw chicken meat are enriched in antibiotic and metal tolerance genes: an underestimated One Health threat

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Longitudinal trends in the incidence of 12 selected parasitic, vector-borne and zoonotic diseases in the Czech Republic

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TOXOSOURCES – *Toxoplasma gondii* sources quantified



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