



# List of Posters



## BACTERIOLOGY AND BACTERIAL DISEASES

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## BACTERIOLOGY AND BACTERIAL DISEASES

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## BACTERIOLOGY AND BACTERIAL DISEASES

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## BACTERIOLOGY AND BACTERIAL DISEASES

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## BACTERIOLOGY AND BACTERIAL DISEASES

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## BACTERIOLOGY AND BACTERIAL DISEASES

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## BACTERIOLOGY AND BACTERIAL DISEASES

BBD-PP-42

### IMPACT OF PRRSV AND STREPTOCOCCUS suis CO-INFECTION ON THE RESPIRATORY MICROBIOME AND MORTALITY IN PIGLETS

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BBD-PP-43

### EVALUATION OF POST-WEANING DIARRHOEA PREVENTIVE MEASURES IN AN EXPERIMENTAL TRIAL

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BBD-PP-44

### SURVEY ON THE IMPACT OF A NEONATAL DIARRHOEA VACCINE IMPLEMENTATION ON SPANISH FARMS

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BBD-PP-45

### SERPIN B12 IN THE SALIVA OF PIGS BEHAVES DIFFERENTLY IN BACTERIAL AND VIRAL DISEASES

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BBD-PP-46

### MODELLING THE BURDEN OF MYCOPLASMA HYOPNEUMONIAE INFECTION FOR ENHANCED DECISION SUPPORT ON FATTENING FARMS

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BBD-PP-47

### BACTERIAL PATHOGENS FOUND IN POSTWEANING PIGS IN SEVEN DANISH HERDS ON CONSECUTIVE SAMPLING DATES

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## BACTERIOLOGY AND BACTERIAL DISEASES

BBD-PP-48

### BRUCELLA SEROPREVALENCE IN FINNISH WILD BOAR

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BBD-PP-49

### APRAMYCIN SUSCEPTIBILITY DATA: COMPARISON DISK DIFFUSION VS. BROTH MICRODILUTION TESTING OF ESCHERICHIA COLI AND SALMONELLA spp. STRAINS (ISOLATES FROM 2019-2020)

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BBD-PP-50

### PREVALENCE OF ENZOOTIC PNEUMONIA IN THE LUNGS OF PIGS IN SLAUGHTERHOUSES AND ITS CORRELATION WITH THE COMMERCIAL MYCOPLASMA HYOPNEUMONIAE VACCINES AVAILABLE IN PORTUGAL

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BBD-PP-51

### IMPACT OF THE IMPLEMENTATION OF NEONATAL DIARRHOEA PREVENTIVE MEASURES IN DANISH FARMS EVALUATED VIA A SURVEY

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BBD-PP-52

### IMPROVED BIOSECURITY AND AUTOGENOUS VACCINATION OF SOWS AS EFFECTIVE MEASURES FOR CONTROLLING STREPTOCOCCUS SUIS IMPACT ON A CONVENTIONAL LARGE SCALE PIG FARM IN HUNGARY

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BBD-PP-53

### EVOLUTION OF THE PREVALENCE AND SEVERITY OF LUNG LESIONS ASSESSED IN SLAUGHTERHOUSES IN SPAIN FROM 2016 TO 2024.

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BBD-PP-54

### EVALUATION OF ANTIMICROBIAL ACTIVITY OF POLYPHENOL GRAPE EXTRACTS AGAINST PATHOGENIC STREPTOCOCCUS SUIS, STAPHYLOCOCCUS HYICUS, AND PASTEURELLA MULTOCIDA FROM SPANISH SWINE FARMS

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## BACTERIOLOGY AND BACTERIAL DISEASES

BBD-PP-55

### EFFICACY OF TRIMETHOPRIM/SULFACHLOROPYRIDAZINE COMBINATION AGAINST PORCINE RESPIRATORY BACTERIA FROM EUROPE

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BBD-PP-56

### EFFICACY OF TRIMETHOPRIM/SULFADIAZINE COMBINATION AGAINST RESPIRATORY BACTERIA FROM EUROPE

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BBD-PP-57

### EVALUATION OF THE PRESENCE OF EDEMA DISEASE IN SAMPLES OF ORAL FLUID OF GROWERS AND FATTENERS

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BBD-PP-58

### EVALUATION OF 3 VACCINATION PROGRAMS FOR THE CONTROL OF ACTINOBACILLUS PLEUROPNEUMONIAE THROUGH LUNG LESIONS SCORE AT SLAUGHTER IN CENTRAL AMERICA PRODUCTION

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BBD-PP-59

### EVALUATION OF THE EFFECTIVENESS OF VACCINATION PROTOCOLS FOR ACTINOBACILLUS PLEUROPNEUMONIAE AND MYCOPLASMA HYOPNEUMONIAE IN TERMS OF LUNG LESIONS

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BBD-PP-60

### SUCCESSFUL ELIMINATION OF TET(C) POSITIVE CHLAMYDIA SUIS IN PIGS AFTER TREATMENT WITH ANTIMICROBIALS

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BBD-PP-61

### PREVALENCE OF PROGRESSIVE ATROPHIC RHINITIS IN FATTENING PIGS IN SPAIN

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## HERD HEALTH MANAGEMENT AND ECONOMY

HHM-PP-01

### EFFECT OF DIETARY SUPPLEMENT CONSISTING OF PHYTOGENICS, YEAST COMPONENTS AND FUNCTIONAL CLAYS ON FEED INTAKE AND PROGENY PERFORMANCE IN SOWS DURING HEAT STRESS

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HHM-PP-02

### BIOSECURITY CHALLENGES AND OPPORTUNITIES IN HERDS ENZOOTICALLY INFECTED WITH SWINE INFLUENZA VIRUS

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HHM-PP-03

### AUTOMATIC WEIGHT ESTIMATION OF INDIVIDUAL WEANER PIGS VIA 3D-IMAGE-PROCESSING

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HHM-PP-04

### SURVIVAL ANALYSIS OF FATTENING PIGS WITH MOVEMENT DISORDERS

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HHM-PP-06

### NETWORK ANALYSIS OF THE PIG TRANSPORT DATA IN THE NETHERLANDS: TOWARDS A DASHBOARD FOR TRACING DURING THE HIGH-RISK PERIOD

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HHM-PP-07

### IDENTIFICATION OF BACTERIAL AND VIRAL CONTAMINATION BIOMARKERS IN PIG TRANSPORT LORRIES

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HHM-PP-08

### INTRODUCING THE PIG BAROMETER: A COMPREHENSIVE PILOT TOOL FOR MAPPING DIAGNOSTIC TEST RESULTS

## **HERD HEALTH MANAGEMENT AND ECONOMY**

### **AND GEOLOCATION OF SWINE ENDEMIC PATHOGENS IN SPAIN**

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HHM-PP-10

### **CAUSES OF SPONTANEOUS SOW DEATHS AND PREDICTIVE FACTORS IN 5 DANISH SOW HERDS**

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HHM-PP-12

### **ECONOMIC MODEL FOR COST OF MYCOPLASMA HYOPNEUOMIAE INCLUDING SOW AND WEAN TO FINISH PERFORMANCE**

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HHM-PP-13

### **SURVEILLANCE AND DIAGNOSTIC DATA ASSOCIATED WITH DIAGNOSES OF SWINE INFLUENZA A 2019-2024**

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HHM-PP-14

### **INFLUENZA A VIRUSES CIRCULATING IN PIGS AND PIG FARMERS OF SWITZERLAND**

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HHM-PP-15

### **ASSESSMENT OF INTESTINAL PERMEABILITY IN PIGS TREATED WITH PHYTOBIOTIC-PREBIOTIC FEED ADDITIVE**

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## HERD HEALTH MANAGEMENT AND ECONOMY

HHM-PP-16

### EFFECT OF A PROTEIN DRINK ADMINISTERED BETWEEN 2 TO 8 DAYS OF LIFE AND 3 DAYS BEFORE AND AFTER WEANING ON PIGLET PERFORMANCE

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HHM-PP-17

### BIOSECURITY AND ANIMAL HEALTH MONITORING - DO WE NEED BOTH?

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HHM-PP-18

### SPLENIC TORSION AND REPRODUCTIVE DISORDERS ARE PREVALENT CAUSES OF DEATH IN SOWS

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HHM-PP-19

### DIFFERENT LEVELS OF ADVERSE REACTION OF TWO FREQUENTLY USED CIRCO-MYCO VACCINES, UNDER FIELD CONDITIONS

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HHM-PP-20

### EFFECT OF TOLTRAZURIL/GLEPTOFERRON TREATMENT ON PIGLETS WEANING WEIGHT IN A LARGE-SCALE FARM IN VIETNAM

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HHM-PP-21

### EFFECT OF CARBOTHECINE ADMINISTRATION IN SOWS IN PIGLET COLOSTRUM INTAKE AND MORTALITY DURING LACTATION PERIOD

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HHM-PP-22

### REDUCING SOW MORTALITY: THE INTERPLAY OF GENETICS, NUTRITION, AND CONSISTENT MANAGEMENT PRACTICES

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HHM-PP-23

### PILOT SCREENING OF THE LEVEL OF ANTIBODIES AGAINST ASCARIS SUUM IN 19 DANISH FINISHER FARMS

## **HERD HEALTH MANAGEMENT AND ECONOMY**

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HHM-PP-24

### **OVERVIEW OF PATHOGENS FOUND IN TRACHEOBRONCHIAL SWABS OF PIGS ON 95 BELGIAN FARMS FACING RESPIRATORY PROBLEMS**

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HHM-PP-25

### **ASSESSMENT OF SOW FOOT LESIONS AND ASSOCIATED RISK FACTORS ON-FARM WITH THE AIM OF IMPROVING SOW LONGEVITY**

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HHM-PP-26

### **INVESTIGATING THE IMPACT OF STANDARD AND NON-COMMERCIAL DIETS ON THE PORCINE MICROBIOTA**

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HHM-PP-27

### **INVESTIGATING PIG HERD HEALTH IN SWITZERLAND USING SMART ANIMAL HEALTH PARAMETERS**

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HHM-PP-28

### **MONITORING RESPIRATORY HEALTH AND TEMPERATURE IN GROWING PIGS**

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HHM-PP-29

### **ANTIMICROBIAL USE IN FINNISH SOWS AND ASSOCIATED HERD CHARACTERISTICS**

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## HERD HEALTH MANAGEMENT AND ECONOMY

HHM-PP-30

### MONITORING OF PRRSV BY PCR IN ORAL FLUIDS AND AIR SAMPLES DURING COUGH EPISODES REGISTERED BY AUTOMATED REAL TIME RESPIRATORY HEALTH STATUS (REHS)

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HHM-PP-31

### EXPLORING COMBINED LABORATORY TEST AND SLAUGHTER DATA FOR BETTER DECISION MAKING REGARDING RESPIRATORY HEALTH OF FINISHING PIGS

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HHM-PP-32

### EFFECT OF DOUBLE INJECTION WITH 200MG IRON (UNIFERRON) ON THE MARKETWEIGHT OF SLAUGHTERPIGS

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HHM-PP-33

### PRECISE DIGITAL CONTROL OF VISITS TO THE DEAD STOCK CONTAINER REDUCES THE RISK OF PATHOGEN DISSEMINATION WITHIN THE FARM.

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HHM-PP-34

### NOVEL GEL-BASED ADMINISTRATION OF TOLTRAZURIL AND PONAZURIL FOR NEONATAL COCCIDIOSIS CONTROL

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HHM-PP-35

### HISTORICAL OVERVIEW OF SWINE INFLUENZA VIRUS SUBTYPES IN THE NETHERLANDS 2018-2024

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HHM-PP-36

### POSTPARTUM DYSGALACTIA SYNDROME SELF-DIAGNOSIS AND PREVALENCE IN FRENCH HERDS

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HHM-PP-37

### DIAGNOSTIC SCREENING FOR RESPIRATORY PATHOGENS IN PIGLETS IN 32 DANISH SOW HERDS

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## HERD HEALTH MANAGEMENT AND ECONOMY

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HHM-PP-38

### LUNG LESION EVALUATION AT SLAUGHTER: 2015-24 OVERVIEW OF CEVA LUNG PROGRAM RESULTS IN PORTUGAL.

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HHM-PP-39

### EVALUATION OF DEPLOYABLE FAN COVERINGS FOR BIOCONTAINMENT OF AIRBORNE SWINE PATHOGENS

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HHM-PP-40

### CONCENTRATION OF ACUTE PHASE PROTEINS IN SOWS PERIPARTUM

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HHM-PP-41

### THE GOLDILOCKS PROBLEM OF SELECTING JUST THE ONE HEALTH ADDITIVE FOR PIGLETS COMPARED TO ALTERNATIVES.

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HHM-PP-42

### EXPLORING CARBONIC ANHYDRASE VI AS A HEALTH STATUS INDICATOR IN PORCINE SALIVA SAMPLES.

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HHM-PP-43

### MONITORING OF PRDC ASSOCIATED PATHOGENS IN FATTENING PIGS

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HHM-PP-44

### INNOVATIVE TOOLS FOR MYCOPLASMA HYOPNEUMONIAE CONTROL AND MONITORING IN THE FIELD

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## HERD HEALTH MANAGEMENT AND ECONOMY

HHM-PP-45

### HANDLING PIGLETS BY ONE HINDLEG: A POTENTIAL RISK FACTOR FOR UMBILICAL OUTPOUCHINGS IN PIGS

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HHM-PP-46

### IMPACT OF MATERNAL ANTIMICROBIAL TREATMENT ON THE DEVELOPMENT OF PIGLET FECAL MICROBIOTA AND GROWTH

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HHM-PP-47

### DANISH PRRS REDUCTION STRATEGY IS DELIVERING PROMISING RESULTS

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HHM-PP-48

### BIOSECURITY EVALUATED BY COMBAT: RESULTS FROM 13 SWINE FARMS IN DENMARK

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HHM-PP-49

### 2021-2023 REVIEW OF LUNG SCORINGS ON 2500 FRENCH PIG FARMS. ANALYSIS OF ANNUAL (2018-2023) AND SEASONAL VARIATIONS

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HHM-PP-50

### HEALTH ASSESSMENT IN PIGS: IS IT INFLUENCED BY THE ASSESSOR?

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## HERD HEALTH MANAGEMENT AND ECONOMY

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### INCREASED ANTIMICROBIAL USAGE IN PRRS SEROPosITIVE PIG HERDS

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HHM-PP-52

### EVALUATION OF COLOSTRUM INTAKE

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HHM-PP-53

### CASE REPORT: FOCUS ON CLEANING AND DISINFECTION TO TACKLE SEVERE POST-WEANING DIARRHOEA OF VIRAL AETIOLOGY

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HHM-PP-54

### IMPLEMENTATION OF DIGITAL TOOLS IN REGIONAL PRRS CONTROL PROGRAMS

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HHM-PP-55

### BACILLUS SP. PB6 ENHANCES SOW REPRODUCTIVE PERFORMANCE UNDER FIELD CONDITIONS: A CASE STUDY

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HHM-PP-56

### REDUCTION OF ANTIMICROBIAL USE AFTER LAWSONIA INTRACELLULARIS VACCINATION SUGGESTS A POTENTIAL IMPROVEMENT ON BODIGESTER PERFORMANCE

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HHM-PP-57

### AN OVERVIEW OF THE MOST FREQUENTLY FOUND PATHOGENS IN ALTERED SLAUGHTER LUNGS FROM FOUR EUROPEAN COUNTRIES

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## HERD HEALTH MANAGEMENT AND ECONOMY

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HHM-PP-58

### ASSESSMENT OF CLEANING AND DISINFECTION PRACTICES ON CONVENTIONAL INDOOR PIG FARMS ACROSS 19 COUNTRIES WORLDWIDE

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HHM-PP-59

### GOOD VACCINATION PROCEDURES AND HIPRALINK® VACCINATION AS TOOLS TO OPTIMIZE PRRS VACCINATION MANAGEMENT

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HHM-PP-60

### EFFECT OF INTRADERMAL VACCINATION AGAINST LAWSONIA INTRACELLULARIS ON FINISHERS PERFORMANCE IN A CHRONICALLY INFECTED FARM

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<sup>2</sup>Marco vetgrup SL

<sup>3</sup>MSD Animal Health

HHM-PP-61

### ANALYSIS OF PRODUCTION PERFORMANCES IN FATTENING AND PRODUCTION FARMS ACCORDING TO THE TYPE OF BATCH MANAGEMENT AND OTHER ASSOCIATED VARIABLES.

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### MONITORING PRRS BY STATISTICAL PROCESS CONTROL CHARTS

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HHM-PP-63

### LUNG SCORING SURVEY IN EUROPEAN COUNTRIES IN 2024

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HHM-PP-65

### VALUE OF LONG-TERM DATA RECORDINGS FOR EVALUATION OF VACCINATION EFFICACY IN HERDS SUBCLINICALLY INFECTED WITH LAWSONIA INTRACELLULARIS

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## HERD HEALTH MANAGEMENT AND ECONOMY

HHM-PP-66

### EVALUATION OF BIOSECURITY ON SOUTHERN GERMAN FATTENING PIG FARMS

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HHM-PP-67

### ESTIMATION OF LAWSONIA INTRACELLULARIS INFECTIOUS PRESSURE IN PIG FARMS SUSPECTED OF SUBCLINICAL ILEITIS IN FRANCE

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HHM-PP-68

### THE LIMITATIONS OF IL-6 MEASUREMENT IN SALIVA SAMPLES OF PIGS.

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HHM-PP-69

### POTENTIAL OF AN INTEGRATED PROFILE OF SALIVA BIOMARKERS AS A TOOL FOR DISEASE DETECTION

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HHM-PP-70

### ORCINE SIALOCHEMISTRY: THE USE OF SALIVA ANALYSIS FOR HEALTH AND WELFARE ASSESSMENT

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## HERD HEALTH MANAGEMENT AND ECONOMY

HHM-PP-71

### USE OF SENTINEL GILTS IN GROUP HOUSED PRRS MLV VACCINATED SOW HERDS TO DETECT POSSIBLE LOW CIRCULATION OF FIELD VIRUS

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HHM-PP-72

### COMPARISON AT FARM LEVEL OF LUNG LESION SCORINGS DEPENDING ON MYCOPLASMA HYOPNEUMONIAE VACCINE USED : A FOUR-YEAR STUDY

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HHM-PP-73

### PRODUCTIVITY AND LONGEVITY OF SOWS BASED ON WAIST GIRTH AT FIRST MATING

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HHM-PP-74

### EVIDENCE-BASED VETERINARY MEDICINE PERCEPTION BY SWINE VETERINARIANS: A EUROPEAN SURVEY ACROSS DIVERSE PRACTITIONER PROFILES

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HHM-PP-75

### PRACTICAL APPROACH TO MANAGE NEONATAL DIARRHEA: OVERVIEW OF 3 CLINICAL CASES IN FRANCE

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HHM-PP-76

### THE IMPACT OF WATER TEMPERATURE, PRE-SOAKING AND CHOICE OF SAMPLING LOCATION WHEN CLEANING THE PIG STY

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HHM-PP-77

### HEALTH MONITORING IN PIGS: WHICH PARAMETERS AND DATA SOURCES ARE RELEVANT?

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HHM-PP-79

### PREVALENCE AND SEVERITY OF ENZOOTIC PNEUMONIA AND PLEUROPNEUMONIA ON CZECH PIG FARMS BASED ON LUNG LESION SCORING IN 2024.

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HHM-PP-80

### STANDARDIZED NATURAL CITRUS EXTRACT AS FEED ADDITIVE TO THE MICROBIOTA OF PERIPARTUM SOWS' WITH BENEFICIAL EFFECT ON PIGLET PERFORMANCES

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HHM-PP-81

### AN ENHANCED CLEANING AND DISINFECTION PROTOCOL IN LACTATION SWINE FACILITIES IMPROVED HEALTH STATUS OF SUCKLING PIGLETS

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HHM-PP-82

### PIG RESPIRATORY HEALTH IN RELATION TO FARM CLIMATE – COUGH MONITORING BY SOUNDTALKS AND CONTINUOUS CLIMATE MEASUREMENT BY HEALTHY CLIMATE SOLUTIONS

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HHM-PP-83

### DEVELOPMENT IN LUNG LESIONS IN DANISH HERDS- A LONGITUDINAL STUDY 2022-2023

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HHM-PP-84

### A SPATIAL ANALYSIS OF PRRS TRANSMISSION RISK LINKED TO SLURRY FERTILIZATION IN TAUSTE, SPAIN

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HHM-PP-85

### PREVALENCE OF MYCOTOXINS IN CROPS AND FEED FOR SWINE AND POULTRY IN BRAZIL

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HHM-PP-86

### **ESTABLISHING A BIOSECURITY CONCEPT IN LOWER SAXONY (GERMANY)**

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HHM-PP-87

### **ASSESSING TEMPERATURE CHANGE OF NEWBORN PIGLETS VARYING IN SIZE USING INFRARED THERMOGRAPHY**

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<sup>2</sup>Universidad Autónoma Metropolitana, Universidad Nacional Autónoma de México

HHM-PP-88

### **USING INFRARED THERMOGRAPHY AS A TOOL TO ASSESS SURFACE TEMPERATURE CHANGE IN NEWBORN PIGLETS**

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## IMMUNOLOGY AND VACCINOLOGY

IMM-PP-01

### LATERAL INTRODUCTION OF NEW INFLUENZA A STRAINS LIMITS THE EFFICACY OF SWINE INFLUENZA VACCINATION IN SOWS TO REDUCE VIRAL CIRCULATION IN NURSERIES

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IMM-PP-02

### PRELIMINARY ASSESSMENT OF THE FEASIBILITY OF USING COMBINED E.COLI, CLOSTRIDIUM PERFRINGENS AND ROTAVIRUS A VACCINES TOGETHER

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IMM-PP-03

### EFFICACY OF A PCV2D AND MYCOPLASMA HYOPNEUMONIAE COMBINED VACCINE IN EXPERIMENTALLY PCV2B CHALLENGED PIGLETS

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IMM-PP-04

### AUTOGENOUS VACCINATION AGAINST MYCOPLASMA HYOSYNOVIAE FAILED TO PREVENT LAMENESS IN A CONTROLLED FIELD TRIAL

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IMM-PP-05

### THE UTILITY OF PIGLET PROCESSING FLUID TO DETECT SPECIFIC ANTIBODIES AGAINST IMPORTANT PORCINE PATHOGENS.

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IMM-PP-06

### EFFECT OF THE CONTROL OF NEONATAL DIARRHOEA AND CYSTOISOSPOROSIS ON PRE-WEANING PERFORMANCE WITH FOCUS ON CLOSTRIDIUM PERFRINGENS TYPE A CONTROL

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IMM-PP-07

### COMPARISON OF DIFFERENT NEEDLE-FREE VACCINES AGAINST PCV2-ASSOCIATED DISEASES AND MYCOPLASMAL

## IMMUNOLOGY AND VACCINOLOGY

### PNEUMONIA ON PRODUCTION PERFORMANCE EVALUATED PRE- AND POST-SLAUGHTER

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IMM-PP-08

### ADDED VALUE OF BOOSTING GILTS AGAINST PPV1 WITH A GENOTYPE 2 BASED VACCINE AFTER PPV1 BREAK IN DANISH SOW HERDS

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IMM-PP-09

### SHORT TIME TO STABILITY AND RECOVERY AFTER OUTBREAK IN THREE FARMS USING COMBINED VACCINATION PROTOCOLS AGAINST PRRS

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IMM-PP-10

### FADE OUT OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV) IN AN ENDEMIC DUTCH FARROW- TO FINISH HERD

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IMM-PP-11

### EVALUATION OF COLOSTRUM IMMUNOGLOBULIN G IN A COMMERCIAL SOW HERD: PARITY-BASED DIFFERENCES AND THE ROLE OF BETA-1,3-GLUCAN AS IMMUNOADJUVANTS

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<sup>3</sup>Kemin Europe N.V.

<sup>4</sup>KEMIN EUROPA NV

IMM-PP-12

### IMPROVEMENT OF TECHNICAL PERFORMANCE AFTER PIGLET VACCINATION ON A SUBCLINICAL PCV2 FARM

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IMM-PP-13

### EFFECT OF ORAL VACCINATION ON PERFORMANCE OF PIGLETS INFECTED WITH SALMONELLA TYPHIMURIUM WITHOUT OBVIOUS CLINICAL SIGNS

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## IMMUNOLOGY AND VACCINOLOGY

IMM-PP-14

### GUT-ASSOCIATED CELL-MEDIATED IMMUNE RESPONSE IN PIGS VACCINATED AGAINST PORCINE PROLIFERATIVE ENTEROPATHY AND CO-INFECTED WITH LAWSONIA INTRACELLULARIS AND BRACHYSPIRA HYODYSENTERIAE

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IMM-PP-15

### A CASE OF SWINE INFLUENZA A VIRUS INFECTION IN A GERMAN FATTENING FARM LEADING TO RESPIRATORY DISTRESS AND SEVERE EP-LIKE LUNG LESIONS AT SLAUGHTER

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IMM-PP-16

### COMPARISON OF INTRADERMAL VERSUS INTRAMUSCULAR VACCINATION EFFICACY AND CARCASS QUALITY IN PIGS INOCULATED AGAINST MYCOPLASMA HYOPNEUMONIAE AND PORCINE CIRCOVIRUS TYPE 2 IN THAILAND

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IMM-PP-17

### CASE REPORT: ELIMINATION OF VERTICAL TRANSMISSION OF PCV-2 THROUGH SOW VACCINATION

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IMM-PP-18

### EFFICACY OF AN ORAL LIVE LAWSONIA INTRACELLULARIS VACCINE ON PERFORMANCE OF NURSERY PIGS

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IMM-PP-19

### COMPARATIVE OF THE EFFICACY OF COMMERCIAL PORCINE VACCINES AGAINST M. HYOPNEUMONIAE

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IMM-PP-20

### A CASE REPORT OF A CLINICAL APP OUTBREAK WITH SEVERE ECONOMIC IMPACTS AND SUBSEQUENT STABILISATION THROUGH VACCINATION

## IMMUNOLOGY AND VACCINOLOGY

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IMM-PP-21

### COMPARATIVE EFFICACY OF TWO FRESHLY MIXED MYCOPLASMA HYOPNEUMONIAE PLUS PCV2 VACCINES ADMINISTERED AT WEANING IN NURSERY PIGS.

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IMM-PP-22

### FIELD STUDY ON THE IMPACT OF PIGLET VACCINATION AGAINST A HIGHLY VIRULENT PRRSV STRAIN: PRODUCTIVE FATTENING RESULTS

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<sup>2</sup>Porcino Teruel

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<sup>4</sup>Boehringer Ingelheim Animal Health España, S.A.

IMM-PP-23

### INTRADERMAL VACCINATION AGAINST PRRSV AT WEANING LEADS TO BETTER GROWTH PERFORMANCE AND LESS CARCASS CONDEMNATIONS AT SLAUGHTER

C. Spindler <sup>1</sup>, N. Chesneau <sup>2</sup>, P. Conan <sup>3</sup>, C. Ardies <sup>4</sup>, T. Nunes <sup>5</sup>, R. Jorda <sup>5</sup>, S. Bruguera <sup>5</sup>

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IMM-PP-24

### EVALUATION OF POLYMER AND EMULSION ADJUVANTS FOR STREPTOCOCCUS SUIS VACCINATION

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IMM-PP-25

### EVALUATION OF THE SEROLOGICAL RESPONSE AGAINST ACTINOBACILLUS PLEUROPNEUMONIAE OMPA AFTER THE VACCINATION WITH COGLAPIX®

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<sup>3</sup>Ceva Corporate Swine, Libourne, France

<sup>4</sup>Biochek, Reeuwijk, The Netherlands

IMM-PP-26

### IMPACT OF SOW VACCINATION AGAINST INFLUENZA A VIRUS ON PIGLET MORTALITY DURING LACTATION AND NURSERY PERIOD

## IMMUNOLOGY AND VACCINOLOGY

S. Cárcelos<sup>1</sup>, A. López<sup>2</sup>, J.J. Sánchez<sup>2</sup>, D. Germán M.<sup>2</sup>, D. Espigares<sup>1</sup>

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<sup>2</sup>JISAP, Lorca, España

IMM-PP-27

### COMPARATIVE EFFICACY IN WEAN TO FINISH FEMALE PIGS OF TWO FRESHLY MIXED MYCOPLASMA HYOPNEUMONIAE PLUS PCV2 VACCINES GIVEN AT WEANING.

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IMM-PP-28

### COMPARISON OF RESPIRATORY HEALTH SCORES OF WEAN TO FINISH PIGS GIVEN DIFFERENT FRESHLY MIXED MYCOPLASMA HYOPNEUMONIAE PLUS PCV2 VACCINES AT WEANING.

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IMM-PP-29

### EVOLUTION OVER TIME OF THE PRRS VIRAL LOAD AFTER VACCINATION IN A FATTENING UNIT INFECTED WITH A HIGHLY VIRULENT STRAIN

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<sup>4</sup>Grup de Sanejament Porci (GSP), Lleida, Spain

IMM-PP-30

### IMPACT OF VT2E VACCINATION ON SUBCLINICAL OEDEMA DISEASE ON A SPANISH SWINE FARM

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IMM-PP-31

### FIELD EFFICACY OF AN INTRADERMAL ALL-IN-ONE VACCINE ON A MEXICAN FARM WITH PCV2- ASSOCIATED DISEASE

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<sup>2</sup>HIPRA Mexico, Guadalajara, Mexico

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IMM-PP-32

### FIELD STUDY OF THREE DIFFERENT MHYO-PCV2 VACCINES ON A PCV2D HIGH CHALLENGE FARM

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IMM-PP-33

### COMPARISON OF THE EFFICACY OF DIFFERENT MYCOPLASMA HYOPNEUMONIAE VACCINES ON THE INCIDENCE OF

## IMMUNOLOGY AND VACCINOLOGY

### LUNG LESIONS ASSESSED AT SLAUGHTERHOUSE IN SPAIN

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<sup>1</sup>Ceva Salud Animal, Barcelona, Spain

IMM-PP-34

### EVALUATION OF THE CELLULAR IMMUNE RESPONSE INDUCED BY A GLAESSERELLA PARASUIS TBPBY167A-BASED VACCINE IN NON-CHALLENGED COLOSTRUM-DEPRIVED PIGLETS.

A. González Fernández <sup>1</sup>, S. Martínez Martínez <sup>1</sup>, C.B. Gutiérrez Martín <sup>1</sup>, ó. Mencía Ares <sup>1</sup>, C. Revilla <sup>2</sup>, J. Domínguez <sup>2</sup>, M.J. García Iglesias <sup>3</sup>

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IMM-PP-35

### PREVALENCE AND SCORING OF LUNG LESIONS IN SWINES VACCINATED WITH DIFFERENT COMMERCIAL MYCOPLASMA HYOPNEUMONIAE & PCV2 VACCINES COMBOS IN BRAZIL

R. Krejci <sup>1</sup>, P. Filsner <sup>2</sup>, J. Calveyra <sup>2</sup>

<sup>1</sup>Ceva Animal Health, France

<sup>2</sup>Ceva Animal Health, Brazil

## MISCELLANEOUS AND CLINICAL CASES

MIS-PP-01

### WHEN DROUGHT AFFECTS YOUR PIGS: PYRROLIZIDINE ALKALOID INTOXICATION OUTBREAKS IN SPAIN

M. Leiva <sup>1</sup>, A. Cobos <sup>2</sup>, L. Martino <sup>3</sup>, S.I. Loscertales <sup>3</sup>, S. Bosco <sup>3</sup>, B. Serrano <sup>1</sup>, A. Rodríguez-Largo <sup>1</sup>, N. Valiente <sup>4</sup>, D. Carrión <sup>4</sup>, M. Marcos-Cienfuegos <sup>5</sup>, R. Pagola <sup>4</sup>, J. Martínez <sup>1</sup>, M. Domingo <sup>1</sup>, J. Segales <sup>6</sup>

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MIS-PP-02

### CONFIRMED TOLTRAZURIL RESISTANCE IN A DUTCH FIELD ISOLATE OF CYSTOISOSPORA SUIS

P. Waijers <sup>1</sup>, E. Willems <sup>2</sup>, T. Tobias <sup>2</sup>, A. Joachim <sup>3</sup>

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MIS-PP-03

### FIBRINOUS-HAEMORRHAGIC PERICARDITIS WITH HEMOPERICARDIUM: A NOVEL CAUSE OF ACUTE DEATH IN FATTENING PIGS?

J. Segales <sup>1</sup>, A. Cobos <sup>2</sup>, L. Martino <sup>3</sup>, M. Leiva <sup>3</sup>, S. Bosco <sup>3</sup>, S.I. Loscertales <sup>3</sup>, M. Puerta <sup>4</sup>, E. Cano <sup>4</sup>, E. Huerta <sup>2</sup>, J.I. Nuñez <sup>2</sup>, V. Aragon <sup>2</sup>, F. Correa-Fiz <sup>5</sup>, M. Sibila <sup>2</sup>

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MIS-PP-04

### ACCURACY OF PORTABLE HUMAN HEMOGLOBIN METER (HEMOCUE® HB 201+ SYSTEM) FOR HEMOGLOBIN MEASUREMENT IN NEWBORN PIGLETS AND SOWS

P.P. Pwint Thu <sup>3</sup>, R. Boonprokob <sup>3</sup>, T. Amonrattanaporn <sup>1</sup>, N. Boonraungrod <sup>1</sup>, I. Nimmansamai <sup>2</sup>, N. Am-In <sup>3</sup>

<sup>1</sup>Ceva Animal Health (THAILAND) Co, Ltd.

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MIS-PP-05

### BENEFITS AND CONVENIENCE OF DIFFERENT VACCINES IN STANDARD VACCINATION PROGRAMS IN GERMANY

R. Bischoff <sup>1</sup>, J. Aundrup <sup>1</sup>, R. Jansen <sup>2</sup>, R. Deitmer <sup>2</sup>

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MIS-PP-06

### RECOVERY AT NIPPLE LEVEL OF TWO TRIMETHOPRIM CONTAINING VETERINARY PRODUCTS

L. Claerhout <sup>1</sup>, U. Klein <sup>1</sup>, S. Van Poucke <sup>2</sup>, B. Vermeulen <sup>3</sup>, W. Depondt <sup>1</sup>

<sup>1</sup>Huvepharma NV, Belgium

## MISCELLANEOUS AND CLINICAL CASES

<sup>2</sup>Syn +, Belgium

<sup>3</sup>Orotech, Belgium

MIS-PP-07

### CLINICAL EVALUATION OF SARCOPTIC MANGE LESIONS ON SOWS WITH SCABIES BEFORE AND AFTER DIFFERENT TREATMENTS.

F. Launay <sup>1</sup>, L. Gautier <sup>2</sup>, B. Fily <sup>3</sup>, V. Burlot <sup>3</sup>, S. Vigneron <sup>3</sup>, C. Giacottino <sup>4</sup>

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<sup>4</sup>Réseau Cristal Services, 85500 Les Herbiers, France

MIS-PP-08

### IMPACT OF A BIOACTIVE MINERAL-BASED FEED ADDITIVE ON GROWTH EFFICIENCY IN FINISHING PIGS UNDER FIELD CONDITIONS.

M. Purser <sup>1</sup>, P. Sanchez <sup>1</sup>, M. Lopez <sup>2</sup>, A. Llorente <sup>2</sup>

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<sup>2</sup>Intega, Murcia, Spain

MIS-PP-09

### A NEW SPECIES-SPECIFIC TURBIDIMETRIC AUTOMATED ASSAY TO MEASURE CALPROTECTIN (S100A8/A9) IN SALIVA OF PIGS

A. Ortín Bustillo <sup>1</sup>, S. Martínez Subiela <sup>1</sup>, A. Tvarijonaviciute <sup>1</sup>, J.J. Cerón Madrigal <sup>1</sup>, E. Goyena <sup>2</sup>, A. Martínez <sup>3</sup>, D. Eckersall <sup>1</sup>, J. Steuber <sup>4</sup>, G. Fritz <sup>4</sup>, A. Muñoz Prieto <sup>1</sup>

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MIS-PP-10

### EVOLUTION OF SHOULDER ULCERS THROUGHOUT THE SOW REPRODUCTIVE CYCLE

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MIS-PP-11

### DIETARY SUPPLEMENTATION OF 25-HYDROXYVITAMIN D3 DURING POST-WEANING PERIOD IMPROVES VITAMIN D STATUS, DUODENUM FUNCTIONALITY AND IMMUNE DEVELOPMENT

E. Perez-Calvo <sup>1</sup>, S. Jerome <sup>2</sup>, R. Aureli <sup>2</sup>, F. Amstutz <sup>2</sup>, C. Lemasson <sup>2</sup>, B. Guy <sup>1</sup>, J.M. Hernadez <sup>1</sup>

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MIS-PP-12

### PALATABILITY OF SULFONAMIDE/TRIMETHOPRIM CONTAINING VETERINARY PRODUCTS IN DRINKING WATER

L. Claerhout <sup>1</sup>, U. Klein <sup>1</sup>, S. Van Poucke <sup>2</sup>, B. Vermeulen <sup>3</sup>, W. Depondt <sup>1</sup>

<sup>1</sup>Huvepharma NV, Belgium

<sup>2</sup>Syn +, Belgium

<sup>3</sup>Orotech, Belgium

## MISCELLANEOUS AND CLINICAL CASES

MIS-PP-13

### EXPLORING OAH: A REVOLUTIONARY ENZYMATIC SOLUTION FOR OTA DETOXIFICATION IN SWINE PRODUCTION

B. Doupovec<sup>1</sup>, S. Prasad<sup>1</sup>, C. Gonaus<sup>1</sup>, B. Streit<sup>1</sup>, C. Gruber<sup>1</sup>, D. Schatzmayr<sup>1</sup>

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MIS-PP-14

### STREPTOCOCCUS AGALACTIAE SEPTICAEMIA IN TWO WEANERS FROM DIFFERENT FARMS

B. Cordioli<sup>1</sup>, M. Garbuio<sup>1</sup>, A. Rizzardi<sup>1</sup>, M. Vedana<sup>1</sup>, E. Girotto<sup>1</sup>, C. Bacchin<sup>1</sup>, F. Tonon<sup>2</sup>, L. Zandonà<sup>1</sup>, L. Bano<sup>1</sup>

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<sup>2</sup>Swine veterinarian, Suivet

MIS-PP-15

### EXUDATIVE EPIDERMITIS IN SUCKLING PIGS CAUSED BY STAPHYLOCOCCUS HYICUS: A CASE REPORT

A. Romero-Salmoral<sup>1</sup>, C. Alvarez-Delgado<sup>2</sup>, R.A. Muñoz-Jimenez<sup>3</sup>, E. Boyer<sup>4</sup>, A.I. Vela<sup>5</sup>, J.F. Fernandez-Garayzabal<sup>5</sup>, J. Gomez-Laguna<sup>2</sup>, L. Carrasco<sup>2</sup>, I. Luque<sup>1</sup>, C. Tarradas<sup>1</sup>

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MIS-PP-16

### A COMPARATIVE ASSESSMENT OF ORAL TOLTRAZURIL AND INJECTABLE IRON ADMINISTRATION VS COMBINED PARENTERAL TOLTRAZURIL+IRON (FORCERIS®)

C. Caballero<sup>1</sup>, S. Daniel<sup>2</sup>, E. Mondaca<sup>1</sup>, R. Tenbergen<sup>3</sup>

<sup>1</sup>CEVA ANIMAL HEALTH

<sup>2</sup>Swine corporate, Ceva Santé Animale, Libourne, France

<sup>3</sup>Demeter Veterinary Services PC Inc, Woodstock, ON

## REPRODUCTION

REP-PP-01

### VISUAL INSPECTION AND ULTRASOUND EXAMINATION OF THE REPRODUCTIVE TRACT OF CULLED BREEDING BOARS

A. Boer <sup>1</sup>, J. Govaere <sup>2</sup>, V. Depreitere <sup>3</sup>, K. Sonalio <sup>2</sup>, D. Maes <sup>2</sup>

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<sup>3</sup>AI Center Clincke, Ruijselede Belgium

REP-PP-02

### LARGE SCALE ASSESSMENT OF A BAYESIAN PREDICTIVE MODEL TO IDENTIFY SOWS AT-RISK OF STILLBIRTH

C. Teixeira-Costa <sup>1</sup>, T. Nicolazo <sup>1</sup>, G. Boulbria <sup>1</sup>, C. Chevance <sup>1</sup>, V. Normand <sup>1</sup>, J. Jeusselin <sup>1</sup>, A. Lebret <sup>1</sup>

<sup>1</sup>Rezoolution Pig Consulting Services, Noyal-Pontivy, France

REP-PP-03

### INFLUENCE OF FARROWING SYSTEMS AND BACKFAT THICKNESS ON METABOLIC PROFILES, OXIDATIVE STRESS, AND COLOSTRUM YIELD IN LACTATING SOWS UNDER TROPICAL CONDITIONS

N. Dumniem <sup>1</sup>, J. Suwimonteerabutr <sup>2</sup>, P. Tummaruk <sup>2</sup>

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REP-PP-04

### SUPPLEMENTATION WITH SYNPBiotics DURING LATE GESTATION IN SOWS MODULATE COLOSTRUM COMPOSITIONS AND FATTY ACID PROFILES

J. Ruampatana <sup>1</sup>, M. Juarjan <sup>2</sup>, K. Homayog <sup>3</sup>, S. Settachaimongkon <sup>2</sup>, M. Nuntapaitoon <sup>1</sup>

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REP-PP-05

### THE CHARACTERISTICS OF ANEMIC VERSUS NORMAL NEONATAL PIGLETS

P.P. Pwint Thu <sup>1</sup>, T. Amonrattanaporn <sup>2</sup>, N. Boonraungrod <sup>2</sup>, I. Nimmansamai <sup>3</sup>, N. Am-In <sup>1</sup>

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<sup>2</sup>Ceva Animal Health (THAILAND) Co, Ltd.

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REP-PP-06

### RESULTS FROM DIFFERENT DIAGNOSTIC APPROACHES CONCERNING LEPTOSPIRA spp. IN TERMS OF SMEDI LITTERS

M. Eddicks <sup>1</sup>, K. Strutzberg-Minder <sup>2</sup>, L. Eddicks <sup>3</sup>, N. Schaack <sup>1</sup>, A. Seifert <sup>1</sup>, R. Tabeling <sup>4</sup>, M. Ritzmann <sup>1</sup>

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REP-PP-07

### COLOSTRUM INTAKE IN FLEMISH PIG FARMS: ASSESSING THE IMPACT OF PIGLET SIZE AND FARM MANAGEMENT

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REP-PP-08

### DETECTION OF DIFFERENT VIRUSES IN PORCINE ABORTION MATERIAL

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REP-PP-09

### EFFECT OF A MIXTURE OF HERBS (ESTRAL) ON THE REPRODUCTIVE PERFORMANCE OF SOWS

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REP-PP-10

### INCREASED STILLBORN RATE ASSOCIATED WITH PORCINE CIRCOVIRUS TYPE 3 (PCV-3) DETECTION IN A FRENCH FARROW-TO-WEAN BREEDING HERD

A. Lebret<sup>1</sup>, M. Contrant<sup>2</sup>, M. Brissonnier<sup>1</sup>, C. Chevance<sup>1</sup>, J. Jeusselin<sup>1</sup>, J. Favrel<sup>1</sup>, V. Normand<sup>1</sup>, J. Da-Costa<sup>1</sup>, T. Nicolazo<sup>1</sup>, G. Boulbria<sup>1</sup>

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REP-PP-11

### DEVELOPMENT OF INNOVATIVE BUFFERS FOR BOAR SPERM WASHING ALTERNATIVES TO STANDARD PHOSPHATE-BUFFERED SALINE

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REP-PP-12

### MANAGEMENT OF REPRODUCTIVE DISORDERS IN SOWS THROUGH LEPTOSPIROSIS VACCINATION AND IMPROVED HYGIENE PRACTICES: A CASE REPORT

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REP-PP-13

### RETROSPECTIVE ANALYSIS OF PCR SAMPLES AND FUTURE PERSPECTIVES OF THIRD GENERATION SEQUENCING AS A DIAGNOSTIC TOOL FOR SMEDI COMPLEXES AND ABORTIONS IN SOWS

J. Buch<sup>1</sup>, I. Spiekermeier<sup>1</sup>, S. Coppens<sup>2</sup>, S. Theuns<sup>2</sup>

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REP-PP-14

### EVALUATION OF MACROSCOPIC PARAMETERS AND THE INFLUENCE ON THE REPRODUCTIVE CYCLE OF THE UROGENITAL TRACT IN SLAUGHTERED SOWS

## REPRODUCTION

P.T. Egli<sup>1</sup>, L.J. Adam<sup>1</sup>, G. Schüpbach-Regula<sup>2</sup>, A. Grahofer<sup>1</sup>

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REP-PP-15

### DIFFERENTIAL PROTEIN EXPRESSION IN SMALL EXTRACELLULAR VESICLES AS POTENTIAL BIOMARKERS OF BOAR SEMEN QUALITY

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REP-PP-16

### A SMEDI OUTBREAK IN GILTS CAUSED BY SKIPPING VACCINATION – A CASE REPORT

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## RESIDENT SESSION

RES-PP-01

### ASSESSMENT OF STREPTOCOCCUS SUIS SEROTYPES IN SPANISH PIG FARMS DURING THE PERIOD 2019 TO 2024

S. Mesonero-Escuredo<sup>1</sup>, A. Vilaró<sup>2</sup>, R. Mainar-Jaime<sup>3</sup>, D. Espigares<sup>1</sup>, L. Garza<sup>1</sup>, C. Casanovas<sup>1</sup>, S. Oliver<sup>1</sup>, S. Cáceres<sup>1</sup>, F. Cerro<sup>1</sup>, J. Segales<sup>4</sup>

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RES-PP-02

### TONSIL SCRAPINGS TO ASSESS THE SPREAD OF ACTINOBACILLUS PLEUROPNEUMONIAE IN AN ACUTE OUTBREAK IN A SPF SOW HERD

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RES-PP-03

### INTESTINAL EMPHYSEMA (PNEUMATOSIS CYSTOIDES INTESTINALIS) IN BACKYARD PIGS

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RES-PP-04

### HERD MANAGEMENT FACTORS INFLUENCING AUTOGENOUS VACCINE EFFECTIVENESS AGAINST STREPTOCOCCUS SUIS : STUDY IN 20 FRENCH PIG FARMS.

M. Rémond<sup>1</sup>, E. Lewandowski<sup>2</sup>, D. Marchand<sup>3</sup>, C. Marois-Crehan<sup>4</sup>, C. Belloc<sup>5</sup>

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## VETERINARY PUBLIC HEALTH

VPH-PP-01

### ASCARIS SUUM MILK SPOT LESIONS IN PIGS SLAUGHTERED IN ITALY: THE ABATTOIR AS A MONITORING TOOL

C. Allievi<sup>1</sup>, E. Lana<sup>1</sup>, R. Rizzi<sup>1</sup>, A. Zanon<sup>1</sup>, M. Mortarino<sup>1</sup>, M.T. Manfredi<sup>1</sup>

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VPH-PP-02

### DETECTION OF LISTERIA MONOCYTOGENES IN FATTENING PIGS AND SLAUGHTERHOUSES IN AUSTRIA

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VPH-PP-03

### ANTIGENIC DIVERSITY OF SWINE INFLUENZA A(H1) VIRUSES CIRCULATING IN THE NETHERLANDS

L. Dieste Perez<sup>1</sup>, E. Van Der Vries<sup>1</sup>, E. Germeraad<sup>2</sup>, A. Kroneman<sup>3</sup>, A. Meijer<sup>3</sup>, D. Eggink<sup>3</sup>, E. Willems<sup>1</sup>, J. Van Der Giessen<sup>3</sup>, R. Fouchier<sup>4</sup>

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VPH-PP-04

### THE BURDEN OF DISEASE IN SWISS PORK PRODUCTION

G. Savioli<sup>1</sup>, D. Kümmelen<sup>2</sup>, B. Thomann<sup>3</sup>

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VPH-PP-05

### COMPREHENSIVE ANALYSIS OF AUSTRIAN SWINE-RELATED CLOSTRIDIUM PERFRINGENS: INSIGHTS FROM MULTI-Locus SEQUENCE TYPING AND WHOLE GENOME SEQUENCING

M. Blümlinger<sup>1</sup>, L. Schwarz<sup>1</sup>, J. Spergser<sup>2</sup>, A. Cabal Rosel<sup>3</sup>, W. Ruppitsch<sup>3</sup>, S. Braun<sup>4</sup>, S. Monecke<sup>4</sup>, R. Ehricht<sup>4</sup>, A. Buzanich-Ladinig<sup>1</sup>, I. Loncaric<sup>2</sup>

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VPH-PP-06

### EXPLORATORY STUDY ON CRYPTOSPORIDIUM spp. PREVALENCE DETECTION AND GENOTYPING IN DIFFERENT SWINE FARMS LOCATED IN ARAGON (SPAIN)

L. Garza<sup>1</sup>, C. León<sup>2</sup>, C. Sanz<sup>2</sup>, J. Quílez<sup>1</sup>

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VPH-PP-07

### UNVEILING THE ROLE OF DOMESTIC AND WILD SWINE AS RESERVOIRS OF ZOONOTIC BACTERIA

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VPH-PP-08

### TRADE OF LIVE PIGS ASSOCIATED WITH THE SPREAD OF SWINE INFLUENZA VIRUS ACROSS EUROPEAN COUNTRIES – A PHYLOGEOGRAPHIC ANALYSIS

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VPH-PP-09

### PERFORMANCE OF GROWING AND FINISHING PIGS RECEIVING DIETS WITH DIFFERENT LEVELS OF HERBAL METHIONINE INCLUSION

J.A.E. Martinez<sup>1</sup>, A.C.R.D. Oliveira<sup>1</sup>, F.M.D. Santos<sup>1</sup>, A.L.B. Mezzina<sup>1</sup>, C. Veloso<sup>1</sup>, F.D.A. Coelho<sup>1</sup>, N.D.A.C. Gomes<sup>1</sup>, H.R. Geremias<sup>1</sup>, H. Silveira<sup>2</sup>, C.A.P. Garbossa<sup>1</sup>

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VPH-PP-10

### THYMIC ATROPHY AS PIVOTAL LESION IN PFTS

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VPH-PP-11

### ALARMING INCREASE IN THE PREVALENCE OF LIVESTOCK-ASSOCIATED METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS ON HUNGARIAN PIG FARMS: GENOMIC EVIDENCE FOR SPILLOVER TO HUMANS

E. Albert<sup>1</sup>, R. Sipos<sup>2</sup>, V. Perreten<sup>3</sup>, á. Tóth<sup>4</sup>, E. Ungvári<sup>4</sup>, M. Papp<sup>5</sup>, á. Dán<sup>6</sup>, I. Biksi<sup>7</sup>

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## VETERINARY PUBLIC HEALTH

VPH-PP-12

### A NOVEL BETA-GLUCAN BASED PRODUCT: WHAT'S IN IT FOR THE SOW

V. Van Hoeck<sup>1</sup>, I. Somers<sup>1</sup>, V. Van Hamme<sup>1</sup>, B. Forier<sup>1</sup>

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VPH-PP-14

### RECENT DATA ON SLAUGHTER LUNG LESIONS FROM FINISHER PIGS IN GERMANY AND AUSTRIA USING THE CEVA LUNG PROGRAM

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VPH-PP-15

### EXTRAORDINARY AVERAGE DAILY GAIN IN HIGH HEALTH, HIGH WELFARE FINISHER PIGS –A FIELD STUDY

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## VIRAL DISEASES

VVD-PP-01

### ERADICATION OF VIRULENT STRAIN OF PRRSV PROGRAM WITH MODIFIED LIVE VIRUS (MLV) VACCINE IN COMBINATION WITH AN INTEGRAL METHOD

D. Edo <sup>1</sup>, A. Novoa <sup>1</sup>, M. Jiménez <sup>2</sup>, M. Marcos <sup>2</sup>, R. Menjon <sup>2</sup>

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<sup>2</sup>MSD Animal Health

VVD-PP-02

### PRRS QPCR TEST DEVELOPMENT: THE IMPORTANCE OF STRAIN COVERAGE AND LOWER LIMIT OF DETECTION (LLOD)

V. Geurts <sup>1</sup>, F. Priller <sup>2</sup>, S. Hänsel <sup>2</sup>, C. Stieler <sup>2</sup>, H. Ziebarth <sup>2</sup>, K. Valentine <sup>1</sup>

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<sup>2</sup>Hygiena Diagnostics GmbH

VVD-PP-03

### DEVELOPMENT OF AN AUTOMATED PIXEL CLASSIFIER FOR PCV2 GENOME LABELLING IN FORMALIN FIXED TISSUES USING IN SITU HYBRIDIZATION

M. Sagrera <sup>1</sup>, A. Cobos <sup>2</sup>, L. Garza <sup>3</sup>, M. Perez <sup>2</sup>, G. García-Buendía <sup>2</sup>, D. Espigares <sup>3</sup>, M. Sibila <sup>4</sup>, J. Segalés <sup>5</sup>

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VVD-PP-04

### EFFICACY OF FATTY ACID ESTERS TO MITIGATE THE INFECTIVITY OF PRRS VIRUS ON PORCINE ALVEOLAR MACROPHAGES

J. Castier <sup>1</sup>, N. Lemoine <sup>1</sup>, D. Guillou <sup>1</sup>

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VVD-PP-05

### EVALUATION OF TESTICULAR-ONLY PROCESSING FLUID FOR DETECTING PRRSV GENETIC MATERIAL AND THE EFFECTS OF SAMPLE POOLING

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VVD-PP-06

### VACCINATION AGAINST ROTAVIRUS A IMPACTS THE DETECTION RATES OF ROTAVIRUS B AND C IN CASES OF NEONATAL DIARRHEA

W. Rybkowska <sup>1</sup>, N. Bakkegård Goecke <sup>2</sup>, L. Erik Larsen <sup>2</sup>, P. Cybulski <sup>3</sup>, A. Woźniak <sup>1</sup>, T. Stadejek <sup>1</sup>

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VVD-PP-07

### SWINE INFLUENZA A SUBTYPING RESULTS IN 11 EUROPEAN COUNTRIES FROM JANUARY 2020 TO SEPTEMBER 2024

K. Lillie-Jaschniski <sup>1</sup>, M. Koechling <sup>2</sup>, T. Revesz <sup>3</sup>, F. Cominotti <sup>4</sup>, A. Jardin <sup>1</sup>, E. Velazquez <sup>5</sup>, M.A. Larsen <sup>6</sup>, C. Casanovas <sup>7</sup>, R.

## VIRAL DISEASES

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<sup>8</sup>Ceva Animal Health, Poland

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VVD-PP-08

### PRRSV TRANSMISSION BETWEEN FARMS

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VVD-PP-09

### PRRS AREA ERADICATION OF THE DANISH ISLAND BORNHOLM

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VVD-PP-10

### ASSESSMENT OF SWINE DEEP TRACHEAL SECRETIONS FOR DETECTION AND ISOLATION OF PRRSV

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VVD-PP-11

### EVALUATION OF A BLEND OF PHYTOCHEMICALS AND CARBOXYLIC ACID ON COMPLETE FEED WHEN INOCULATED WITH PORCINE EPIDEMIC DIARRHEA VIRUS, PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS, AND SENECA VALLEY VIRUS 1

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VVD-PP-12

### SWINE INFLUENZA A VIRUS INFECTION DYNAMICS AND EVOLUTION IN INTENSIVE PIG PRODUCTION SYSTEMS

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## VIRAL DISEASES

VVD-PP-13

### INFLUENZA A VIROLOGICAL ACTIVE SURVEILLANCE IN DANISH FREE RANGE ORGANIC PIGS REVEALS DETECTION IN SEVEN OF 25 SOW HERDS

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VVD-PP-14

### EVALUATION OF ORAL FLUIDS FOR THE DETECTION AND SUBTYPING OF PPV1 IN GERMAN FATTENING FARMS – PREVALENCE DATA FROM A RANDOMIZED FIELD STUDY

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VVD-PP-15

### EVALUATION OF A NEW RT-PCR FOR DETECTION AND DIFFERENTIATION OF PRRSV-1 AND PRRSV-2 USING FIELD SAMPLES SUBMITTED FOR ROUTINE DIAGNOSTIC TESTING IN SPAIN

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VVD-PP-16

### EVALUATION OF THE USEFULNESS OF TESTICULAR-ONLY PROCESSING FLUID TO THE DETECTION OF THE GENETIC MATERIAL OF PCV2 AND THE CONSEQUENCES OF SAMPLE POOLING

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VVD-PP-17

### DETECTION RATE FOR SINGLE PRRSV POSITIVE PIGLETS BY PCR TESTING ON PROCESSING FLUIDS

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VVD-PP-18

### PRRSV-1 MLV VACCINE STRAINS DETECTION BY QPCR ON PIGLETS' SERUM SAMPLES PRIOR TO WEANING FOLLOWING SOW MASS VACCINATION: A DESCRIPTIVE STUDY.

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## VIRAL DISEASES

VVD-PP-19

### ASSESSING RISKS OF VIRAL CONTAMINATION ASSOCIATED WITH USING RECYCLED WATER IN SLAUGHTERHOUSES TO WASH PIG TRANSPORT LORRIES

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VVD-PP-20

### CASE REPORT OF A SEVERE PORCINE PARVO VIRUS OUTBREAK IN PPV1 VACCINATED GILTS

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VVD-PP-21

### MONITORING OF EXCRETION OF ROTAVIRUS TYPE A FOLLOWING IMPLEMENTATION OF A SOW VACCINATION IN A FARROW-TO-FINISH FARM

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VVD-PP-22

### UPDATE ON THE PREVALENCE OF MAJOR PCV2-GENOTYPES IN GERMAN FATTENING FARMS

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VVD-PP-23

### PORCINE RESPIROVIRUS TYPE 1 (PRV1) INFECTION CAUSES PATHOLOGICAL CHANGES AND IS TRANSMITTED TO CONTACT PIGS

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VVD-PP-24

### HOW LIKELY IS IT TO DETECT A NEW INCURSION OF PRRS IN A PRRS-FREE REGION, WITHIN THE FIRST MONTH?

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VVD-PP-25

### AFRICAN SWINE FEVER VIRUS DETECTION IN ENVIRONMENT AND INSECTS DURING AN OUTBREAK IN SERBIA

## VIRAL DISEASES

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VVD-PP-26

### THE PREVALENCE OF ROTAVIRUS INFECTIONS IN 34 POLISH PIG HERDS

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VVD-PP-27

### TRACKING OF PRRSV OUTBREAK BY SEQUENCING

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VVD-PP-28

### EVOLUTION OVER TIME OF THE DIVERGENCE OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PPRSV) WITH COMMERCIAL MODIFIED LIVE VIRUS VACCINES (MLV)

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VVD-PP-29

### PRRS ERADICATION STRATEGIES OF SOW HERDS USED BY DANISH PRACTITIONERS

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VVD-PP-30

### SWINE INFLUENZA A VIRUS HA-CLADES DETECTED ON 132 FARMS IN 16 EUROPEAN COUNTRIES AND THEIR LINK TO CLINICAL SIGNS AND COURSE OF DISEASE

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VVD-PP-31

### GENETIC DIVERSITY OF GROUP A ROTAVIRUSES IN FRANCE – AN OVERVIEW

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## VIRAL DISEASES

VVD-PP-32

### PCV2 PREVALENCE AND GENOTYPE DIVERSITY IN GROW-FINISH PIGS IN CANADA

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VVD-PP-33

### EVALUATION OF ATTENUATION OF SERIALLY PASSAGED ASFV IN SUSCEPTIBLE CELL LINES

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VVD-PP-34

### CHOICE OF SAMPLE MATERIAL, LABORATORY AND SHIPMENT PRACTICE CAN AFFECT OUTCOME OF PRRSV TESTING AND LEAD TO RISKY FLOW MANAGEMENT DECISIONS

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VVD-PP-35

### FIRST IDENTIFICATION OF SWINE INFLUENZA A VIRUS CLADES IN SIX AUSTRIAN PIG HERDS IN 2024

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VVD-PP-36

### A CROSS-SECTIONAL STUDY OF PORCINE INTESTINAL VIROME FOR THE DETECTION OF EMERGING VIRUSES IDENTIFIED MAMMALIAN ORTHOREOVIRUS AND NOVEL BOCAPARVOVIRUS

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VVD-PP-37

### LONGITUDINAL ANTIBODY AND VIREMIA DYNAMICS AGAINST PCV2 IN PIGLETS AT 2 AND 6 WEEKS OF AGE FROM SPANISH FARMS USING DIFFERENT VACCINATION PROGRAMS

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## VIRAL DISEASES

VVD-PP-38

### MYXOVIRUS RESISTANCE PROTEIN (MX1) IN PLASMA OF PIGS: A POTENTIAL TOOL FOR VIRAL DISEASE DETECTION

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VVD-PP-39

### DEVELOPMENT AND VALIDATION OF A NEW RT-PCR TEST FOR MULTIPLEX DETECTION OF PRRSV-1 AND PRRSV-2 IN EUROPE

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VVD-PP-40

### DETECTION AND PRODUCTIVE IMPACT OF PRRS AND INFLUENZA VIRUSES CO-INFECTIONS IN SPANISH NURSERY UNITS

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VVD-PP-41

### PREVALENCE OF PORCINE CIRCOVIRUS GENOTYPES IN SAMPLES FROM BRAZILIAN FARMS ANALYZED BETWEEN 2020 AND 2024

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VVD-PP-42

### ROUTINE SWIAV GENOTYPING IN A VETERINARY DIAGNOSTIC LABORATORY: A ONE-YEAR STUDY

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VVD-PP-43

### SWINE INFLUENZA A VIRUS TRANSMISSION IN THE FARROWING UNIT – MISSION IMPOSSIBLE?

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VVD-PP-44

### VACCINATION OF SOWS AGAINST SWIAV AFTER AN ACUTE INFLUENZA OUTBREAK IN A FARROW-TO-FINISH FARM IN BULGARIA (A FIELD CASE)

## VIRAL DISEASES

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VVD-PP-45

### LONGITUDINAL SURVEILLANCE OF PRRS OUTBREAKS IN A SWINE VETERINARY PRACTICE

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VVD-PP-46

### OCCURRENCE AND IMPACT OF PCV2 INFECTION AT WEANING IN DANISH WEAN-TO-FINISH HERDS

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VVD-PP-47

### DETECTION OF PCV2 FIELD STRAINS IN SWITZERLAND AND DETERMINATION OF RELATEDNESS OF T-CELL EPITOPES TO DIFFERENT VACCINES USING EPITOPE CONTENT COMPARISON (EPICC)

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VVD-PP-48

### FIELD STUDY ON THE IMPACT REPRODUCTIVE PERFORMANCE OF PORCINE CIRCOVIRUS TYPE 2 (PCV2) SOWS VACCINATION WITH AN INACTIVATED WHOLE PCV2 VACCINE

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VVD-PP-49

### ASSOCIATION BETWEEN GILT VACCINATION AND EARLY PCV2 CIRCULATION

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VVD-PP-50

### REQUIREMENT FOR REGULAR INFLUENZA A SURVEILLANCE TO OPTIMIZE VACCINATION SCHEDULE IN SWINE HERDS

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VVD-PP-51

### SOW VACCINATION WITH SIV BIVALENT VACCINE IMPROVES THE WEANERS' ANTIBODY LEVELS AND DECREASES INFECTION PRESSURE IN THE NURSERY

J. Dams<sup>1</sup>, J. Beek<sup>2</sup>, D. Llopard<sup>3</sup>, E. Van Esch<sup>2</sup>, P. Peters<sup>2</sup>, B. Moreno<sup>3</sup>, L. Nodar<sup>3</sup>, T. Nunes<sup>3</sup>

## VIRAL DISEASES

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<sup>3</sup>HIPRA, Amer (Girona), Spain

VVD-PP-52

### DETECTION OF ATYPICAL PORCINE PESTIVIRUS IN PIGLETS WITH CLINICAL CONGENITAL TREMOR IN POLAND.

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VVD-PP-54

### ASSESSING PCV2 DETECTION IN TONGUE TIP FLUIDS AND PRODUCTIVITY IMPROVEMENTS POST WHOLE-HERD VACCINATION

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VVD-PP-55

### A CHANGE OF MINDSET ON SOW INFLUENZA VACCINATION STRATEGIES USED IN DENMARK 2022 VS. 2023

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VVD-PP-56

### BIOCHEMICAL SERUM PROFILE OF PIGS NATURALLY INFECTED WITH HEPATITIS E VIRUS

B. Kureljušić<sup>1</sup>, B. Milovanović<sup>1</sup>, N. Ježdimirović<sup>2</sup>, A. Vasić<sup>2</sup>, D. Ristevski<sup>3</sup>, S. Ristevski<sup>3</sup>, G. Ristić<sup>3</sup>, B. Savić<sup>2</sup>

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<sup>3</sup>Delta Agrar DOO

VVD-PP-57

VVD – Virology and Viral Diseases

### METAGENOMIC ANALYSIS OF VIRUSES ON NINE IRISH FARROW-TO-FINISH PIG FARMS

R.M. Fitzgerald<sup>1</sup>, N. Pinnamaneni<sup>2</sup>, P.J. Collins<sup>3</sup>, F.C. Leonard<sup>4</sup>, E. García Manzanilla<sup>5</sup>, J. Moriarty<sup>6</sup>, R. Devaney<sup>3</sup>, J. Trudgett<sup>3</sup>, J.A. Calderón Díaz<sup>7</sup>, H. McGlynn<sup>1</sup>, H. O’Shea<sup>1</sup>

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## VIRAL DISEASES

VVD-PP-58

### THE THREE MOST LIKELY ROUTES OF INTRODUCTION OF PRRS ACCORDING TO 40 DANISH VETERINARIANS

M. Fertner<sup>1</sup>, B. Conrady<sup>2</sup>, A.S. Røgind<sup>1</sup>, E.O. Nielsen<sup>1</sup>, A. Boklund<sup>2</sup>

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VVD-PP-59

### NEW PRRS1 WILDTYPE VIRUS INTRODUCTION WITH NO CLINICAL SIGNS IN PREGNANT SENTINEL GILTS

K. Visscher<sup>1</sup>, W. Kuller<sup>2</sup>, H. Prüst<sup>3</sup>

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<sup>2</sup>University Farm Animal Practice, Harmelen, The Netherlands

<sup>3</sup>Boehringer Ingelheim Animal Health Netherlands bv

VVD-PP-60

### SWINE INFLUENZA A VIRUS EVOLUTION IN SPAIN FROM 2018 TO 2024

C. Casanovas<sup>1</sup>, S. Oliver<sup>1</sup>, S. Cáceres<sup>1</sup>, S. Mesonero-Escuredo<sup>1</sup>, F. Cerro<sup>1</sup>, L. Garza<sup>1</sup>, D. Espigares<sup>1</sup>

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VVD-PP-61

### A CASE STUDY TO INVESTIGATE THE EFFECT OF A QUADRIVALENT HETEROLOGOUS INACTIVATED PRRSV VACCINE ON TIME-TO-STABILITY FOR AN INFECTED BREEDING HERD

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VVD-PP-62

### POSITIVE PRRS ELISA RESULTS IN UNVACCINATED PIGFLOWS CAN BLUR CLASSIFICATION SYSTEMS IN ERADICATION PROGRAMS

K. Visscher<sup>1</sup>, V. Thuring<sup>1</sup>, W. Kuller<sup>2</sup>

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VVD-PP-63

### ANTIVIRAL ACTIVITY OF A BLEND OF PHYTOCHEMICALS AND CARBOXYLIC ACID AGAINST THE ASFV ALgal SURROGATE

F.J. Domingues Jr<sup>1</sup>, A. Palowski<sup>2</sup>, D. Schroeder<sup>2</sup>, O. Lopez<sup>1</sup>, N. Holcombe<sup>1</sup>

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<sup>2</sup>University of Minnesota - College of Veterinary Medicine

VVD-PP-64

### ANALYSIS OF DIFFERENT VACCINATION PROTOCOLS AGAINST PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME.

L. Cruz<sup>1</sup>, F. Pinal<sup>1</sup>, R. Naranjo<sup>1</sup>, J. Sandoval<sup>2</sup>

<sup>1</sup>BOEHRINGER INGELHEIM ANIMAL HEALTH MEXICO

<sup>2</sup>PITIC

## **WELFARE AND NUTRITION**

WEL-PP-01

### **SKIN AND EAR LESIONS IN SLAUGHTERED HEAVY PIGS: A WINDOW INTO ON-FARM ANIMAL WELFARE**

L. Scuri <sup>1</sup>, M. Recchia <sup>3</sup>, S. Ghidini <sup>2</sup>, F. Scali <sup>3</sup>, C. Romeo <sup>3</sup>, A.M. Maisano <sup>3</sup>, F. Guadagno <sup>3</sup>, G. Santucci <sup>3</sup>, A. Ianieri <sup>1</sup>, G.L. Alborali <sup>3</sup>

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WEL-PP-02

### **EVALUATING PIGLET WEANING AGE THROUGH DENTAL PRESENCE: A POTENTIAL WELFARE INDICATOR**

S. Raineri <sup>3</sup>, A. Gazzola <sup>3</sup>, E. Arioli <sup>1</sup>, D. Castelluccio <sup>2</sup>, V.U. Santucci <sup>2</sup>, G. Santucci <sup>3</sup>, M. Tonni <sup>3</sup>, F. Scali <sup>3</sup>, V. Lorenzi <sup>3</sup>, M. Ossola <sup>3</sup>, S. Ventura <sup>3</sup>, G.L. Alborali <sup>3</sup>, C.F. Magistrali <sup>3</sup>, F. Vezzoli <sup>3</sup>, A.M. Maisano <sup>3</sup>

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WEL-PP-04

### **IMPACT OF BIRTH WEIGHT AND COLOSTRUM INTAKE ON THE SURVIVAL AND GROWTH OF PIGLETS DURING LACTATION**

G. Moreno <sup>1</sup>, C. Cabetas <sup>1</sup>, A. Rastrojo Ortigosa <sup>2</sup>, M. Calderón <sup>3</sup>, J. Muñoz Rodríguez <sup>3</sup>, I. Tardío Solans <sup>4</sup>, M. Adsuar <sup>4</sup>, D. Mitjavila <sup>4</sup>, S. Gaviria <sup>5</sup>, F. Gonzalvo <sup>5</sup>

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<sup>5</sup>*Boehringer Ingelheim Animal Health España, S.A.*

WEL-PP-05

### **IDENTIFICATION OF CLIMATIC FACTORS ASSOCIATED WITH TAIL BITING IN THREE FARROW-TO-FINISH FARMS IN FRANCE : A PREDICTIVE MODEL**

C. Trombani <sup>1</sup>, C. Fablet <sup>2</sup>, S. Parois <sup>2</sup>, S. Bougeard <sup>2</sup>, V. Corre <sup>3</sup>, C. Lucas <sup>2</sup>

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WEL-PP-06

### **THE PORCINE CLAW IN FORENSIC PATHOLOGY: OPPORTUNITIES AND LIMITATIONS**

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WEL-PP-07

### **BEHAVIOURAL AND METABOLIC FACTORS OF HYPERPROLIFIC SOWS AFFECTING PIGLET CRUSHING IN LOOSE HOUSING SYSTEMS DURING POSTPARTUM**

M. Ju <sup>1</sup>, J. Woo <sup>1</sup>, H. Shin <sup>2</sup>, J. Yun <sup>1</sup>

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WEL-PP-08

### **THE FIRST WILL NOT BE LAST: PARADIGM CHANGE IN RETURN ON INVESTMENT OF IMMUNOCASTRATION**

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## **WELFARE AND NUTRITION**

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WEL-PP-09

### **STRAY CURRENTS IN PIG PRODUCTION: A DESCRIPTIVE STUDY OF 114 AUDITS IN 83 FRENCH FARMS**

A. Taktak <sup>1</sup>, T. Gin <sup>2</sup>, S. Heliez <sup>3</sup>, E. Cantaloube <sup>1</sup>

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<sup>2</sup>CHENE VERT, La Pécardièvre, 72470 St MARS LA BRIERE FRANCE

<sup>3</sup>Chêne Vert – Conseil Vétérinaire, 2 rue Pierre Harel, 35133 Lécousse, France

WEL-PP-10

### **EVALUATION OF MISTRAL® EFFECTS, A DESICCANT BASED ON EUCALYPTUS ESSENTIAL OIL ON PIGLET HYPOTHERMIA AT BIRTH**

S. Challali <sup>2</sup>, F. Jezegou-Bernard <sup>1</sup>, B. Sylviane <sup>1</sup>, A. Delahaye <sup>2</sup>, G. Hervé <sup>1</sup>, A. Morvan <sup>2</sup>

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<sup>2</sup>OLMIX SA, France

WEL-PP-11

### **EFFECTIVENESS OF SPRAY-DRIED CHICKEN PLASMA IN PIGLET FEEDING**

K. Lipiński <sup>1</sup>, M. Mazur-Kuśnirek <sup>1</sup>, D. Korniewicz <sup>2</sup>

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<sup>2</sup>Cargill Poland Sp. z o.o., Warsaw, Poland

WEL-PP-12

### **CORRELATION OF TEMPERATURES MEASURED WITH SUBCUTANEOUS MICROCHIP OR RECTAL THERMOMETER FOR AN EASIER AND SAFER MANAGEMENT IN BOARS**

M. Lopez <sup>1</sup>, Y. Lostao <sup>1</sup>, L. Vila <sup>1</sup>, M. Jiménez <sup>2</sup>, M. Marcos <sup>2</sup>, R. Menjon <sup>2</sup>

<sup>1</sup>CUARTE S.L.

<sup>2</sup>MSD Animal Health

WEL-PP-13

### **EVALUATION OF BIOPOLYMER-BASED NESTING MATERIAL FOR SOWS: IMPACT ON PIGLET MORTALITY AND SOLUBILITY COMPARED TO TRADITIONAL MATERIALS**

R.Y. Hoshino <sup>1</sup>, M.S. Monteiro <sup>2</sup>, M.V.B. Nicolino <sup>2</sup>, B. Bracco Donatelli Muro <sup>3</sup>, R. Fernandes Carnevale <sup>4</sup>, C.A.F. Melo <sup>5</sup>, A.L.B. Mezzina <sup>6</sup>, N.D.A.C. Gomes <sup>5</sup>, B.B. Carnino <sup>5</sup>, L.K.S. Alves <sup>5</sup>, C. Veloso <sup>4</sup>, C.A. Pospissil Garbossa <sup>5</sup>

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WEL-PP-14

### **RELATIONSHIP BETWEEN COLOSTRUM FATTY ACID COMPOSITION AND SOW MILK YIELD: IMPLICATIONS FOR LITTER BALANCING?**

R. Stephan <sup>1</sup>, M. Wendt <sup>2</sup>, C. Visscher <sup>3</sup>

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WEL-PP-15

## **WELFARE AND NUTRITION**

### **LYING BEHAVIOUR IN FINISHING PIGS: DO THEY RESPOND TO ALTERING TEMPERATURE AND HUMIDITY?**

R. Röskens<sup>1</sup>, D. Kümmerlen<sup>2</sup>, A.K. Ruckli<sup>1</sup>

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WEL-PP-16

### **EVALUATION OF INTRADERMAL VACCINATION IN PIGLETS TO IMPROVE WELFARE AND LABOUR EFFICIENCY, REDUCE STRESS RESPONSES AND PAIN, AND MINIMIZE INJURIES TO PIGLETS AND PRODUCERS.**

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<sup>2</sup>Merck Animal Health Canada

WEL-PP-17

### **ESCAPE BEHAVIOUR OF PIGLETS DURING ROUTINE PROCESSING SHORTLY AFTER BIRTH**

C. Mulvenna<sup>2</sup>, A. Domínguez-Oliva<sup>1</sup>, D. Mota-Rojas<sup>1</sup>, I. Hernández-ávalos<sup>1</sup>, R. Muns<sup>2</sup>

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<sup>2</sup>Agri-Food and Biosciences Institute

## FLASH TALKS

FTP-OP-01

Bacteriology and Bacterial Diseases

### PATHOGENICITY OF SHIGA TOXIN TYPE 2E (STX2E) IN PIGLETS: A DOSE-RESPONSE CHALLENGE MODEL

D. Sperling<sup>1</sup>, H. Smits<sup>2</sup>, A. Diesing<sup>3</sup>, E. Jeklová<sup>4</sup>, H. Stepanova<sup>4</sup>, P. Prihodova<sup>5</sup>, F. Kostka<sup>5</sup>, P. Vodrazka<sup>5</sup>, M. Faldyna<sup>4</sup>

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<sup>5</sup>SVU Jihlava, Czech Republic

FTP-OP-02

MIS – Miscellaneous and Clinical cases

### CASE REPORT OF AN UNUSUAL FINDING: ACTINOBACILLUS PLEUROPNEUMONIAE SEROTYPE 2, BIOVAR 2 IN A GERMAN PIG FARM

I. Spiekermeier<sup>1</sup>, B. Wegner<sup>2</sup>, I. Hennig-Pauka<sup>3</sup>

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<sup>3</sup>Field Station for Epidemiology (Bakum), University of Veterinary Medicine Hannover, Foundation, Germany

FTP-OP-03

VVD – Virology and Viral Diseases

### USING TONGUE TIP EXUDATES TO MONITOR PORCINE CIRCOVIRUS 2 (PCV2) AND TO ASSESS VACCINE EFFICACY IN SOWS

B. Garcia-Morante<sup>1</sup>, S. Figueras-Gourgues<sup>2</sup>, R. García<sup>2</sup>, F. Gonzalvo<sup>2</sup>, G. Abella<sup>2</sup>, T. Coll<sup>2</sup>, L. Lecznieski<sup>3</sup>, E. Huerta<sup>1</sup>, M. Sibila<sup>1</sup>, J. Segalés<sup>1</sup>

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<sup>3</sup>Boehringer Ingelheim Vetmedica GmbH, Germany

FTP-OP-04

IMM – Immunology and Vaccinology

### CYTOKINE PROFILING AND IMMUNE MODULATION IN PIGS VACCINATED WITH A SYNTHETIC RNA VACCINE AGAINST SWINE INFLUENZA

I. Kiss<sup>1</sup>, F. Deutskens<sup>2</sup>, J. Hartlaub<sup>2</sup>, N. Palmai<sup>3</sup>, S. Pesch<sup>4</sup>, G. Dauphin<sup>5</sup>, H. Smits<sup>6</sup>, Á. Kemény<sup>7</sup>, A. Müllerbner<sup>8</sup>, C. Duvigneau<sup>8</sup>

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FTP-OP-05

MIS – Miscellaneous and Clinical cases

### ROTAVIRUS AND CYSTOISOSPORA SUIS DETECTION IN PIGLETS DURING THE SUCKLING PERIOD: A DESCRIPTIVE STUDY IN 18 FARMS IN FRANCE

S. Brilland<sup>1</sup>, A. Jardin<sup>1</sup>, P. Leneveu<sup>1</sup>, M. Gosselin<sup>2</sup>, P. Gambade<sup>2</sup>, B. Boivent<sup>2</sup>, S. Lopez<sup>2</sup>, C. Nicolas<sup>3</sup>, F. Bouchet<sup>3</sup>

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## FLASH TALKS

FTP-OP-06

MIS – Miscellaneous and Clinical cases

### HEPATIC RUPTURE IN PIGS WITH NEUROLOGICAL SIGNS: A CASE REPORT

R.P. Pagoto<sup>1</sup>

<sup>1</sup>Pilgrim's Europe

FTP-OP-07

MIS – Miscellaneous and Clinical cases

### ACUTE, TRANSIENT MORTALITY WITH SKIN SCALD OF UNKNOWN CAUSE IN PIGS – A CASE SERIES

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FTP-OP-08

WEL - Animal Welfare and Ethology

### CLASSIFICATION OF PIG VOCALIZATIONS IN A CONVENTIONAL HOUSING SYSTEM FOR FATTENING PIGS

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FTP-OP-09

VPH – One Health: Veterinary Public Health and Sustainable Pig Production

### HYGIENE PROCEDURES OF TRUCKS TRANSPORTING PIGS: SEARCHING FOR THE OPTIMAL PROTOCOL

A. Perrucci<sup>1</sup>, V. Cardana<sup>1</sup>, S. Zoppi<sup>2</sup>, C. Cossettini<sup>3</sup>, A. Rusinà<sup>1</sup>, A. Bellato<sup>1</sup>, L. Tomassone<sup>1</sup>, A. Cavagnini<sup>4</sup>, A. Scollo<sup>1</sup>

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FTP-OP-10

MIS – Miscellaneous and Clinical cases

### HOUSING AND HEALTH MANAGEMENT OF HOBBY PIGS

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FTP-OP-11

MIS – Miscellaneous and Clinical cases

### REGULATION OF PERIWEANING BODY TEMPERATURE IS IMPROVED IN PIGLETS GIVEN HIGHER DOSES OF INJECTABLE IRON DEXTRAN DURING THE SUCKLING PERIOD

M. Jones<sup>1</sup>, T. Petznick<sup>2</sup>, E. Pratt<sup>2</sup>, W. Lyons<sup>3</sup>, C. Olsen<sup>3</sup>

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## FLASH TALKS

FTP-OP-12

REP - Reproduction

### SINGLE FIXED-TIME ARTIFICIAL INSEMINATION USING VAGINAL TRIPTORELIN GEL IN SOWS POST-WEANING

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FTP-OP-13

HHM – Herd Health Management

### EFFECT OF ORAL MELOXICAM ADMINISTRATION TO SOWS ON PIGLET COLOSTRUM INTAKE BASED ON IMMUNOCRIT, BIRTH WEIGHTS, AND INFRARED THERMOGRAPHY

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FTP-OP-14

MIS – Miscellaneous and Clinical cases

### SUITABILITY OF WATER SOLUBLE FLORFENICOL CONTAINING PRODUCTS FOR USE IN PROPORTIONERS

L. Claerhout <sup>1</sup>, W. Depondt <sup>1</sup>, U. Klein <sup>1</sup>, P. Chen <sup>2</sup>

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<sup>2</sup>Huvepharma, Taiwan

## CHAIRIED POSTER PRESENTATIONS

BBD-CP-01

BBD – Bacteriology and Bacterial Diseases

### INFLUENCE OF ANTIBIOTICS ON THE SECRETION OF STX2E BY SHIGA-TOXIN-PRODUCING ESCHERICHIA COLI FIELD STRAINS FROM SWINE

S. Van Hoorde <sup>1</sup>, E. Cox <sup>3</sup>, D. Sperling <sup>2</sup>, B. Devriendt <sup>4</sup>

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BBD-CP-02

BBD – Bacteriology and Bacterial Diseases

### PRODUCTION AND CLINICAL OUTCOMES OF THE APPLICATION OF AN AUTOGENOUS VACCINE AGAINST MYCOPLASMA HYOSYNNOVIAE

H. Schwecke <sup>1</sup>, A. Sponheim <sup>2</sup>, E. McDowell <sup>3</sup>, R. Valeris-Chacin <sup>4</sup>, J. Nerem <sup>3</sup>, E. Fano <sup>3</sup>, S. Tousignant <sup>5</sup>, M. Pieters <sup>6</sup>

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<sup>6</sup>University of Minnesota - College of Veterinary Medicine, St. Paul, MN USA

BBD-CP-03

BBD – Bacteriology and Bacterial Diseases

### VACCINATION WITH A LIVE NON-PATHOGENIC E. COLI VACCINE RESULTED IN IMPROVED PRODUCTION PERFORMANCE COMBINED WITH A SIGNIFICANT REDUCTION IN ANTIMICROBIAL USE

F. Vangroenweghe <sup>1</sup>, E. Folens <sup>1</sup>, M. Sinnaeve <sup>2</sup>

<sup>1</sup>BU Swine & Ruminants, Elanco Benelux, Elanco Animal Health

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HHM-CP-01

HHM – Herd Health Management

### RELATIONSHIP BETWEEN PRODUCTIVITY AND PRRS HEALTH STATUS IN SOW AND GROWING PIG HERDS

N. Toft <sup>1</sup>, V. Frøkjær Jensen <sup>1</sup>, H. Bak <sup>1</sup>, B. Lorenzen <sup>1</sup>, N. Weber <sup>1</sup>, K. Møller <sup>1</sup>

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HHM-CP-02

HHM – Herd Health Management

### DIFFERENT PRRS-STRAINS OVER TIME ON DUTCH PIG FARMS: NEW INTRODUCTIONS OR CIRCULATION OF THE SAME STRAIN?

M. Schyns <sup>1</sup>, N. Wertenbroek <sup>1</sup>

<sup>1</sup>MSD AH Benelux, Boxmeer, the Netherlands

HHM-CP-03

HHM – Herd Health Management

### CORRELATION BETWEEN IMMUNOCRIT AND E.COLI ANTIBODIES LEVELS OF SUCKLING PIGLETS: A CASE REPORT

M. Jiménez <sup>1</sup>, C. Llorente <sup>1</sup>, R. Menjón <sup>1</sup>, M. Marcos <sup>1</sup>, T. Tejedor <sup>2</sup>

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## CHAIRIED POSTER PRESENTATIONS

IMM-CP-01

IMM – Immunology and Vaccinology

### EXPLORATORY USE OF SALIVARY BIOMARKERS IN PCV2 VACCINATED AND NON-VACCINATED AND SUBSEQUENTLY CHALLENGED PIGLETS

M. Sagrera<sup>1</sup>, A. Muñoz-Prieto<sup>2</sup>, F. Tecles<sup>3</sup>, L. Garza<sup>4</sup>, D. Espigares<sup>4</sup>, J.J. Cerón<sup>5</sup>, M. Sibila<sup>6</sup>, J. Segalés<sup>7</sup>

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IMM-CP-02

IMM – Immunology and Vaccinology

### CONTROLLED, BLINDED AND RANDOMISED FIELD EFFICACY, AND RETURN-ON-INVESTMENT STUDY OF A NEXT-GENERATION PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS TYPE 2 (PRRSV2) MODIFIED LIVE VIRUS (MLV) VACCINE

P. Mortensen<sup>1</sup>, N. Guerra<sup>1</sup>, H. Smits<sup>1</sup>

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IMM-CP-03

IMM – Immunology and Vaccinology

### IS PRRSV VACCINATION IN LACTATING SOWS AFFECTING PRODUCTIVITY?

M. Cabana<sup>1</sup>, S. Lievyns<sup>2</sup>, G. Saunders<sup>2</sup>, L. Taylor<sup>3</sup>, E. Bénére<sup>2</sup>, N. Mangarova<sup>2</sup>, M. Balasch<sup>1</sup>

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MIS-CP-01

MIS – Miscellaneous and Clinical cases

### RETURN ON INVESTMENT (ROI) OF INTRADERMAL LAWSONIA VACCINATION IN A COLOMBIAN FINISHING FARM

M.E. Sanchez Hernandez<sup>1</sup>, S.V. Berg<sup>2</sup>, M. Collell<sup>3</sup>, L. Villanueva<sup>4</sup>, R. Tello<sup>5</sup>, S. Henao<sup>6</sup>, L.G. Restrepo<sup>7</sup>

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<sup>6</sup>Gerente general Agrocerdos

<sup>7</sup>Director de cuenta Vetiplus

MIS-CP-02

MIS – Miscellaneous and Clinical cases

### AN OUTBREAK OF DIARRHEA IN PIGLETS IN GERMANY ASSOCIATED WITH ROTAVIRUS B - DETECTED BY UNBIASED NEXT-GENERATION SEQUENCING

I. Spiekermeier<sup>1</sup>, J. Buch<sup>1</sup>, M. Beumer<sup>1</sup>, J. Reinmold<sup>1</sup>, S. Von Berg<sup>2</sup>

## CHAIRIED POSTER PRESENTATIONS

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MIS-CP-03

MIS – Miscellaneous and Clinical cases

### DIFFERENT FEEDING CURVES DURING GESTATION AFFECT SOWS' BODY COMPOSITION IN THE LONG TERM

R. Carnevale <sup>4</sup>, N. Nollet <sup>1</sup>, C.A.P. Garbossa <sup>2</sup>, G.P.J. Janssens <sup>3</sup>, S. Millet <sup>4</sup>, A. Cools <sup>3</sup>

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REP-CP-01

REP - Reproduction

### VAGINAL MICROBIOME IN POSTPARTUM AND WEANED SOWS UNDER TROPICAL CONDITIONS

T. Akkaphan <sup>1</sup>, N. Dumniem <sup>1</sup>, S. Wattanaphansak <sup>2</sup>, A. Grahofer <sup>3</sup>, P. Tummaruk <sup>1</sup>

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REP-CP-02

REP - Reproduction

### EVALUATION OF COLOSTRUM INTAKE MEASURING PIGLET RECTAL TEMPERATURE WITHIN 20 TO 28 HOURS AFTER BIRTH

M. Dahbi <sup>1</sup>, E. Cantaloube <sup>2</sup>, T. Gin <sup>3</sup>, M. Couteau <sup>4</sup>, L. Gautier <sup>3</sup>, F. Launay <sup>5</sup>

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REP-CP-03

REP - Reproduction

### INFLUENCE OF COLOSTRUM TRAITS ON THE FARROWING PROCESS AND REPRODUCTIVE PERFORMANCE OF SOWS IN A FREE FARROWING SYSTEM

P.T. Egli <sup>1</sup>, L.J. Adam <sup>1</sup>, C. Rüegg <sup>1</sup>, A. Grahofer <sup>1</sup>

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VPH-CP-01

VPH – One Health: Veterinary Public Health and Sustainable Pig Production

### CHLORHEXIDINE NANOPARTICLE AS A HEALTH PROMOTER DOES NOT CAUSE TOXICITY IN PIGLETS

F.A. Coelho <sup>1</sup>, F.M. Dos Santos <sup>2</sup>, A. Clara Rodrigues De Oliveira <sup>3</sup>, H. Silveira <sup>4</sup>, A.L.B. Mezzina <sup>5</sup>, C. Veloso <sup>6</sup>, E.H.C. Inácio <sup>5</sup>, J.A.E. Martinez <sup>7</sup>, N.D.A.C. Gomes <sup>1</sup>, C.A.P. Garbossa <sup>7</sup>

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## CHAIRIED POSTER PRESENTATIONS

São Paulo, Brazil

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VPH-CP-02

VPH – One Health: Veterinary Public Health and Sustainable Pig Production

### DEVELOPMENT AND EVALUATION OF AN INTERACTIVE DASHBOARD FOR MONITORING ANTIMICROBIAL RESISTANCE IN AUSTRIAN PIG HERDS

F. Hamar<sup>1</sup>, I. Loncaric<sup>2</sup>, A. Rind<sup>3</sup>

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VPH-CP-03

VPH – One Health: Veterinary Public Health and Sustainable Pig Production

### IMPACT OF CHLORHEXIDINE NANOPARTICLES ON DIARRHEA INCIDENCE DURING THE POST-WEANING PHASE

C. Veloso<sup>1</sup>, A.C.R.D. Oliveira<sup>1</sup>, A.L.B. Mezzina<sup>1</sup>, F.M.D. Santos<sup>1</sup>, F.D.A. Coelho<sup>1</sup>, A.Y.S.D. Carvalho<sup>1</sup>, N.D.A.C. Gomes<sup>1</sup>, G.L.S.D. França<sup>1</sup>, J.A.E. Martinez<sup>1</sup>, M.S. Monteiro<sup>2</sup>, H. Silveira<sup>3</sup>, C.A.P. Garbossa<sup>1</sup>

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VVD-CP-01

VVD – Virology and Viral Diseases

### PROGRESSION OF INTERSTITIAL PNEUMONIA INDUCED BY HIGHLY VIRULENT PRRSV-1 STRAINS

J.M. Sánchez Carvajal<sup>1</sup>, I.M. Rodríguez-Gómez<sup>1</sup>, E.M. Mateu De Antonio<sup>2</sup>, J. Gómez-Laguna<sup>1</sup>, L. Carrasco<sup>1</sup>

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VVD-CP-02

VVD – Virology and Viral Diseases

### PHYLOGEOGRAPHIC ANALYSIS OF PRRS ORF5 SEQUENCES FROM INTEGRATED AND NON-INTEGRATED PIG FARMS IN ITALY

M. Ustulin<sup>1</sup>, D. Vio<sup>1</sup>, C. Targhetta<sup>1</sup>, G. Faustini<sup>2</sup>, C. Zanon<sup>1</sup>, L. Ferino<sup>1</sup>, G. Franzo<sup>2</sup>

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VVD-CP-03

VVD – Virology and Viral Diseases

### GENERATION OF CD163 AND TMPRSS2 DOUBLE-KNOCKOUT PIGS FOR ENHANCED RESILIENCE TO PRRS AND SWINE INFLUENZA USING CRISPR/CAS9 TECHNOLOGY

C. Piñeiro-Silva<sup>1</sup>, A. Quintero-Moreno<sup>1</sup>, M.D. Barceló<sup>1</sup>, C. Matás<sup>1</sup>, J. Carrillo<sup>2</sup>, S. Crespo<sup>1</sup>, S. Navarro-Serna<sup>1</sup>, J. Romero-Aguirregomezcorta<sup>1</sup>, V. Bordignon<sup>1</sup>, J. Gadea<sup>1</sup>

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WEL-CP-01

WEL - Animal Welfare and Ethology

### DIETARY PRECISION BIOTIC, A PROMISING APPROACH TO MANIPULATE UNDOCKED TAIL PIGS' BEHAVIOR VIA GUT-

## CHAIRIED POSTER PRESENTATIONS

### BRAIN AXIS

W. Ren <sup>1</sup>, E. Fabrega <sup>2</sup>, D. Torrellardona <sup>3</sup>, R. Argamasilla <sup>4</sup>, E. Perez-Calvo <sup>4</sup>

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WEL-CP-02

WEL - Animal Welfare and Ethology

### PNEUMONIA – HOW TO DECIDE BETWEEN ONGOING THERAPY OR EUTHANASIA?

K. Deters <sup>1</sup>, J.D. Kschonek <sup>2</sup>, M. Hartmann <sup>2</sup>, L. Kreienbrock <sup>2</sup>, E. Grosse Beilage <sup>1</sup>

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WEL-CP-03

WEL - Animal Welfare and Ethology

### INFLUENCE OF LAWSONIA INTRACELLULARIS VACCINATION ON THE FREQUENCY AND SEVERITY OF TAIL LESIONS IN FATTENING PIGS

P. Könighoff <sup>1</sup>, D. Neyer <sup>1</sup>, V. Buntenkötter <sup>1</sup>, R. Tabeling <sup>2</sup>

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