

## CHAired POSTER SESSION: THURSDAY, MAY 22 12.30 - 13.30

### EXHIBITION AREA - E-POSTER STATION n.3

#### IMMUNOLOGY AND VACCINOLOGY

12.35 - 12.40

##### IMM-CP-01

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

M. Sagrera, A. Muñoz-Prieto, F. Tecles, L. Garza, D. Espigares, J.J. Cerón, M. Sibila, J. Segalés

### EXHIBITION AREA - E-POSTER STATION n.4

#### MISCELLANEOUS

Chaired by Prof. Isabel Hennig-Pauka

##### MIS-CP-01

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

M.E. Sanchez Hernandez, S.V. Berg, M. Collell, L. Villanueva, R. Tello, S. Henao, L.G. Restrepo

12.40 - 12.45

##### IMM-CP-02

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, N. Guerra, H. Smits

##### MIS-CP-02

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

I. Spiekermeier, J. Buch, M. Beumer, J. Reinmold, S. Von Berg

12.45 - 12.50

##### IMM-CP-03

IS PRRSV VACCINATION IN LACTATING SOWS AFFECTING PRODUCTIVITY?

M. Cabana, S. Lievyns, G. Saunders, L. Taylor, E. Bénère, N. Mangarova, M. Balasch

##### MIS-CP-03

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

R. Carnevale, N. Nollet, C.A.P. Garbossa, G.P.J. Janssens, S. Millet, A. Cools

### EXHIBITION AREA - E-POSTER STATION n.3

#### VETERINARY PUBLIC HEALTH

12.50 - 12.55

##### VPH-CP-01

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

F.A. Coelho, F.M. Dos Santos, A. Clara Rodrigues De Oliveira, H. Silveira, A.L.B. Mezzina, C. Veloso, E.H.C. Inácio, J.A.E. Martinez, N.D.A.C. Gomes, C.A.P. Garbossa

##### WEL-CP-01

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

W. Ren, E. Fabrega, D. Torrellardona, R. Argamasilla, E. Perez-Calvo

12.55 - 13.00

##### VPH-CP-02

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

F. Hamar, I. Loncaric, A. Rind

##### WEL-CP-02

PNEUMONIA - HOW TO DECIDE BETWEEN ONGOING THERAPY OR EUTHANASIA?

K. Deters, J.D. Kschonek, M. Hartmann, L. Kreienbrock, E. Grosse Beilage

13.00 - 13.05

##### VPH-CP-03

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

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

##### WEL-CP-03

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

P. Könighoff, D. Neyer, V. Buntenkötter, R. Tabeling

## CHAired POSTER SESSION: THURSDAY, MAY 22 12.30 - 13.30

### EXHIBITION AREA - E-POSTER STATION n.1

#### BACTERIOLOGY AND BACTERIAL DISEASES

Chaired by Dr. Joaquim Segalés

12.35 - 12.40

##### BBD-CP-01

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

S. Van Hoorde, E. Cox, D. Sperling, B. Devriendt

### EXHIBITION AREA - E-POSTER STATION n.2

#### HERD HEALTH MANAGEMENT AND ECONOMY

Chaired by Dr. Dominiek Maes

##### HHM-CP-01

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

N. Toft, V. Frøkjær Jensen, H. Bak, B. Lorenzen, N. Weber, K. Møller

12.40 - 12.45

##### BBD-CP-02

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

H. Schwecke, A. Sponheim, E. Mcdowell, R. Valeris-Chacin, J. Nerem, E. Fano, S. Tousignant, M. Pieters

##### HHM-CP-02

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

M. Schyns, N. Wertenbroek

12.45 - 12.50

##### BBD-CP-03

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

F. Vangroenweghe, E. Folens, M. Sinnaeve

##### HHM-CP-03

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

M. Jiménez, C. Llorente, R. Menjon, M. Marcos, T. Tejedor

### EXHIBITION AREA - E-POSTER STATION n.1

#### VIRAL DISEASES

Chaired by Dr. Joaquim Segalés

12.50 - 12.55

##### VVD-CP-01

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

J.M. Sánchez Carvajal, I.M. Rodríguez-Gómez, E.M. Mateu De Antonio, J. Gómez-Laguna, L. Carrasco

##### REP-CP-01

VAGINAL MICROBIOME IN POSTPARTUM AND WEANED SOWS UNDER TROPICAL CONDITIONS

T. Akkhaphan, N. Dumniem, S. Wattanaphansak, A. Grahofner 3, P. Tummaruk

12.55 - 13.00

##### VVD-CP-02

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

M. Ustulin, D. Vio, C. Targhetta, G. Faustini, C. Zanon, L. Ferino, G. Franzo

##### REP-CP-02

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

M. Dahbi, E. Cantaloube, T. Gin, M. Couteau, L. Gautier, F. Launay

13.00 - 13.05

##### VVD-CP-03

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

C. Piñeiro-Silva, A. Quintero-Moreno, M.D. Barceló, C. Matás, J. Carrillo, S. Crespo, S. Navarro-Serna, J. Romero-Aguirregomez-corta, V. Bordignon, J. Gadea

##### REP-CP-03

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

P.T. Egli, L.J. Adam, C. Rüegg, A. Grahofner