



Day 1 - Wednesday, Aug. 29

Udder Health and Milk Quality

Room A (Main Hall)

08:30-09:15 Keynote Lecture

Chairs: Peter Constable USA
Tomohito Hayashi Japan

K15 Mastitis control and milk quality

Peter Edmondson
UK

09:15-10:15 Oral Presentation

Chairs: Peter Constable USA
Tomohito Hayashi Japan

UH-01 Recurrent mastitis – persistent or new infections?

Volker Kroemker 09:15-09:30
Germany

UH-02 Mastitis pathogens on dairy farms in Southern Germany

Ulrike S Sorge 09:30-09:45
Germany

UH-03 Different concentration of antimicrobial components in bovine milk infected by different pathogens

Naoki Isobe 09:45-10:00
Japan

UH-04 Alternative management options for a herd outbreak of prototheca mastitis

Steve Cranefield 10:00-10:15
New Zealand

10:45-12:30 Oral Presentation

Chairs: Carsten Schroeder Germany
Tomohito Hayashi Japan

UH-05 Comparison of milk L-lactate concentration and the California Mastitis Test in identifying quarters with a high somatic cell count at dry-off in lactating dairy cattle

Ameer Ahmed Megahed 10:45-11:00
USA

UH-06 Does boric acid preservation of milk samples affect differential somatic cell count analysis?

Ulrike S Sorge 11:00-11:15
Germany

UH-07 Analysis of factors affecting milking claw vacuum levels using a simulated milking device

Masafumi Enokidani 11:15-11:30
Japan

UH-08 Farm level risk factors for bovine mastitis in Dutch automatically milking herds

Zhaoju Deng 11:30-11:45
Netherlands

UH-09 Comparison of two commercial presentations of recombinant bovine somatotropin on milk yield in grazing dairy cows in a non-inferiority trial.

A. Ceballos 11:45-12:00
Colombia

UH-10 A Bayesian microsimulation to evaluate the cost-effectiveness of specific interventions for mastitis control during lactation and the associated reduction in antimicrobial use

Peter M Down 12:00-12:15
UK

UH-11 Gene expression of the teat canal epithelium in dry and lactating cows

Shirli Notcovich 12:15-12:30
New Zealand

14:00-14:45 Keynote Lecture

Chairs: Peter Edmondson UK
Kazuhiro Kawai Japan

K16 Managing Clinical Mastitis to Minimize Antibiotic Usage

Pamela Ruegg
USA

14:45-16:00 Oral Presentation

Chairs: Peter Edmondson UK
Kazuhiro Kawai Japan

UH-12 Recovery of subclinical intramammary infections during the dry period

Anri Aino Elisa Timonen 14:45-15:00
Estonia

UH-13 Segmented linear regression confirms that a quarter somatic cell count greater than 100,000 cells/mL at dry-off indicates an abnormal secretion in dairy cattle

Peter Constable 15:00-15:15
USA

UH-14 Identifying effective herd and cow selection criteria for selective dry cow therapy in Australian pasture based dairy herds

Lauren J Foster 15:15-15:30
Australia

UH-15 Performance of milk leukocyte differential test in selective dry cow therapy approach

Jose Denis-Robichaud 15:30-15:45
Canada

UH-16 Economic optimization of selective dry cow treatment

Christian Scherpenzeel 15:45-16:00
Netherlands

Sponsored Symposium 1

Platinum Sponsor: Zoetis

Room A (Main Hall)

16:30-18:00

SS1-1 Minimising the incidence and impact of BRD through effective cattle handling
効果的なハンドリングによる牛呼吸器病の発生及びその影響の最小化

Kevin Sullivan
USA



SS1-2

Reflections on effective communication between cattle and their handlers across the globe: a driver for animal wellbeing, early disease detection and enhanced work safety
牛との効果的なコミュニケーション：家畜の健康、疾病の早期発見、安全な飼養管理に向けたキートン

Paulo Loureiro
Zoetis

Nutrition and Metabolic Diseases

Room B (Conference Hall)

08:30-09:15 Keynote Lecture

Chairs: Masahito Oba Canada
Norio Yamagishi Japan

K13

Effects of Metabolic Disorders on Dairy Cow Health and Reproductive Performance

Garrett R. Oetzel
USA

09:15-10:15 Oral Presentation

Chairs: Masahito Oba Canada
Norio Yamagishi Japan

NU-01

Hind limb weakness associated with hypophosphataemia and inadequate dietary macro mineral content

Luke Ingenhoff
Australia

09:15-09:30

NU-02

Phosphorus balance in muscle tissue and muscle function in dairy cows undergoing dietary phosphorus deprivation during the transition period.

Walter Grünberg
Germany

09:30-09:45

NU-03

Effect of dietary phosphorus deprivation ante partum on the calcium homeostasis of periparturient dairy cows

Imke Cohrs
Germany

09:45-10:00

NU-04

Intravenous calcium supplementation at calving induces fluctuations in circulating calcium and hypocalcemia when compared to voluntary oral calcium supplementation.

Juliette Wilms
Netherlands

10:00-10:15

10:45-12:30 Oral Presentation

Chairs: Masahito Oba Canada
Norio Yamagishi Japan

NU-05

Usefulness of supplementation of selenium and Vitamin E during transition period in dairy cows

Przemyslaw Sobiech
Poland

10:45-11:00

NU-06

Effects of anti-lipopolysaccharide antibody administration on ruminal fermentation and hepatic transcriptomic adaptation during subacute ruminal acidosis in Holstein bull cattle

Shigeru Sato
Japan

11:00-11:15

NU-07

The Possible Role of High Oxalate Pasture in Producing Subclinical Hypocalcaemia in a Beef Breeding Herd in Central Queensland

Alan Francis Guilfoyle
Australia

11:15-11:30

NU-08

Oral supplementation with organo-modified clinoptilolite influence the relative content of serum γ globulin fractions without influencing metabolic profile parameters of primiparous dairy cow during peripartal period

Natalija Fratric
Serbia

11:30-11:45

NU-09

Effects of pH and the plasma concentration of chloride and L-lactate on the ionized calcium concentration in plasma from healthy and critically ill calves

Peter Constable
USA

11:45-12:00

NU-10

Effect of soluble carbohydrate diets on reticuloruminal pH and motility, and on hematological and biochemical health indicators in cattle

Andrea Francesio
UK

12:00-12:15

NU-11

Effect of bypass methionine hydroxy analogue supplementation in commercial concentrate diet on milk productive performance and post partal health of dairy cow

Paramintra Vinitchaikul
Thailand

12:15-12:30

14:00-15:30 Oral Presentation

Chairs: Garrett Oetzel USA
Shigeru Sato Japan

NU-12

Beta-hydroxybutyrate in milk as screening test for subclinical ketosis in dairy cows

Radojica Djokovic
Serbia

14:00-14:15

NU-13

An Innovative Management Approach to Ketosis Treatment in Dairy Cattle

Maggie Williamson
Canada

14:15-14:30

NU-14

The Difference Analysis of Rectum Microbiome Community in Chinese Holstein cows with or without Ketosis

Bao-Xiang He
China

14:30-14:45

NU-15

Flagging cows with poor metabolic adaptation during early lactation using cluster analysis

Dörte Döpfer
USA

14:45-15:00

NU-16

Metabolomics and performance data indicate a higher adaptive flexibility in the transition period in Fleckvieh than in Holstein dairy cows

Christian Straub
Germany

15:00-15:15

NU-17

Alterations in the blood, urine and liver metabolome of dairy cows throughout the transition period.

Melanie Schaeren
Germany

15:15-15:30

Sponsored Symposium 2

Platinum Sponsor: Boehringer Ingelheim

BVDzero Symposium -Epidemiological features, impact and control of BVDV-

Room B (Conference Hall)

16:30-18:30

Moderator: Serkan Erkovan Boehringer Ingelheim

SS2-1

Epidemiological features and impact of bovine virus diarrhoea virus (BVDV) on cattle industry

Julia Ridpath
USA

SS2-2

Control of bovine virus diarrhea

Volker Moennig
Germany



SS2-3 BVDzero Time

Christian Guidarini
Boehringer Ingelheim

Young Stock

Room C (Mid-sized Hall)

08:30-09:15 Keynote Lecture

Chairs: David Black UK
Hiromu Katamoto Japan

K17 Intensive care of the newborn dairy calf – knowledge into practice

John F. Mee
Ireland

09:15-10:15 Oral Presentation

Chairs: David Black UK
Hiromu Katamoto Japan

YS-01 Effect of an injectable trace mineral supplement containing selenium, copper, Zinc, manganese and chromium on mortality, morbidity and growth of dairy calves Andrew Bates New Zealand 09:15-09:30

YS-02 Effects of active dried *Saccharomyces cerevisiae* on ruminal fermentation and the bacterial community during subacute ruminal acidosis in post-weaned Holstein bull calves Yohan Kim Japan 09:30-09:45

YS-03 Influence of metaphylactic use of antimicrobials on early gut bacterial colonization in Holstein calves during the first month of life Viviani Gomes Brazil 09:45-10:00

YS-04 Distribution of *E. coli* K99, Rotavirus, Coronavirus and *Cryptosporidium* spp., in calves with diarrhoea from 17 regions of Mexico. Vicente Guerrero Hernández Mexico 10:00-10:15

10:45-12:30 Oral Presentation

Chairs: John F. Mee Ireland
Hiromu Katamoto Japan

YS-05 Diagnosis of bacterial and viral infections in calves with Bovine Respiratory Disease Kenneth M Krogh Denmark 10:45-11:00

YS-06 Randomised control trial of NSAID and antimicrobial treatments for pyrexia caused by bovine respiratory disease Sophie Anne Mahendran UK 11:00-11:15

YS-07 Assessing the impacts of administration of a non-steroidal anti-inflammatory drug to beef calves after assisted calving on calf health and production Jennifer M Pearson Canada 11:15-11:30

YS-08 Relationship between beef calf and dam serum L-lactate concentration at varying degrees of calving difficulty Claire Windeyer Canada 11:30-11:45

YS-09 Eligibility of a wireless pulse oximeter for monitoring of vital parameters in newborn calves Peter Kanz Austria 11:45-12:00

YS-10 Maternally derived colostral immunoglobulins can replace maternal colostrum to achieve successful passive transfer of immunity in neonatal calves Adam J Geiger USA 12:00-12:15

YS-11 Comparison of serum IgG and saliva IgG content with Elisa test and Brix refractometer with young calves Atte Sandelin Finland 12:15-12:30

Infectious Diseases: Parasitology

Room C (Mid-sized Hall)

14:00-14:45 Keynote Lecture

Chairs: George Stilwell Portugal
Hisashi Inokuma Japan

K05 Tick borne diseases of cattle: understanding pathogen transmission for the development of control strategies. Massaro Ueti USA

14:45-15:45 Oral Presentation

Chairs: George Stilwell Portugal
Hisashi Inokuma JapanPA-01 Experimental infection of Friesian bulls with *Theileria orientalis* (Ikeda) and effects on the haematocrit, live weight, rectal temperature, activity and fertility Kevin Edward Lawrence New Zealand 14:45-15:00

PA-02 Efficacy of imidocarb and diminazene aceturate in the treatment of natural bovine babesiosis Olalekan Taiwo Jeremiah Nigeria 15:00-15:15

PA-03 Occurrence and genotyping of *Cryptosporidium* spp. and *Giardia* in calves in Algeria Karim Adjou France 15:15-15:30

PA-04 Cryptosporidiosis and biosecurity Brigitte Duquesne Belgium 15:30-15:45

Workshop 1

Importance of monitoring calving to decrease stillbirth rate and stress induced uterine complications

Room C (Mid-sized Hall)



16:30–18:30

WS1-1	Introduction: Prevalence of stillbirth	Ottó Szenci Hungary	16:30–16:45
WS1-2	Physiological changes of fetal acid-base balance during calving. Classification of obstetrical assistances.	Ottó Szenci Hungary	16:45–17:15
WS1-3	Effect of eutocia and dystocia on the dam and her offspring	Levente Kovács Hungary	17:15–17:45
WS1-4	Prediction of onset of calving in the farm. How to prevent or decrease the obstetrical assistances and their consequences in dairy farm?	Ottó Szenci Hungary	17:45–18:15
WS1-5	Discussion	Ottó Szenci & Levente Kovács Hungary	18:15–18:30

BVD

Room D (107+108)

08:30-09:15 Keynote Lecture		Chairs: Linda Duijn Netherlands Motoshi Tajima Japan	
K01	The great challenge of BVD eradication – can we do it together?	Joe Brownlie UK	
09:15-10:15 Oral Presentation		Chairs: Linda Duijn Netherlands Motoshi Tajima Japan	
BV-01	Progress toward eradication of BVDV in Ireland	David Andrew Graham UK	09:15-09:30
BV-02	Analysis of fetal bovine serum reveals the presence of emerging Hobi-like viruses in Argentinean livestock	Andrea Pecora Argentina	09:30-09:45
BV-03	Cross-reactivity of bovine viral diarrhoea viruses 1 and 2 against HoBi-like viruses in field cattle sera collected in Japan between 2012 and 2017	Yoshihiro Sakoda Japan	09:45-10:00
BV-04	Epidemiological survey of cattle persistently infected with bovine viral diarrhoea virus in Hokkaido, Japan	Miyo Yoshida Japan	10:00-10:15
10:45-12:30 Oral Presentation		Chairs: Joe Brownlie UK Yoshihiro Sakoda Japan	
BV-05	Extending the interval between primary BVD vaccination from 4 weeks to 6 months, markedly enhances amnestic response.	André Preto Portugal	10:45-11:00
BV-06	A UK Practitioner's Experiences with BVD Incursion into two Naïve Herds And The Subsequent Reproductive Performance following Vaccination with a Double Deletion Live Vaccine.	Mike Kerby UK	11:00-11:15
BV-07	Outbreak of acute infection of bovine viral diarrhoea virus (BVDV) in a farm	Motoshi Tajima Japan	11:15-11:30
BV-08	The BVD Quicksan, a tool for determining the BVDV status of a dairy herd	Linda Van Duijn Netherlands	11:30-11:45
BV-09	Comparison of two rapid antigen detection tests for Bovine Viral Diarrhoea virus	Stephane Guillosoou France	11:45-12:00
BV-10	Investigating the epidemiological and clinical effects of bovine viral diarrhoea virus infection in sheep and other non-bovine species in Australia	Caitlin Alexandra Evans Australia	12:00-12:15
BV-11	A concurrent outbreak of BVD and Bovine Tuberculosis in a dairy herd	Richard Sibley UK	12:15-12:30

Diagnostic Imaging

Room D (107+108)

14:00-14:45 Keynote Lecture		Chairs: Sebastien Buczinski Canada Takeshi Tsuka Japan	
K18	Orthopaedic ultrasonography in cattle	Karl Nuss Switzerland	
14:45-15:30 Oral Presentation		Chairs: Sebastien Buczinski Canada Takeshi Tsuka Japan	
DI-01	Prevalence of physal changes of the distal metatarsal growth plate in finishing bulls – a postmortem study	David John-Alexander Llewellyn Devaux Switzerland	14:45-15:00
DI-02	Diagnostic imaging of abomasal curd formation in preruminant calves by ultrasonography	Tamako Miyazaki Japan	15:00-15:15



DI-03 Triple nostrils in a calf

Takeshi Tsuka
Japan

15:15-15:30

Workshop 2

The Treatment for Bacterial Pneumonia of Wagyu, Japanese Black

Meiji Seika Pharma Co., Ltd.

Room D (107+108)

16:30-18:30

WS2 The Treatment for Bacterial Pneumonia of Wagyu, Japanese Black

Seiji Hobo
Japan

16:30-18:30

Small Ruminants**Room E (Small Hall)**

08:30-10:15 Oral Presentation

Chairs: Juan Gonzalez-Martin Spain
Hisashi Inokuma Japan

SR-01 Crossed fetal protection against Border Disease Virus (BDV) infection: efficacy assessment of three vaccines directed against Bovine viral diarrhoea virus (BVDV) Gilles Meyer France 08:30-08:45

SR-02 Resilience and susceptibility to paratuberculosis in sheep Kumudika De Silva Australia 08:45-09:00

SR-03 Vitamin B12 is bioavailable in sheep when blended in combination injectable clostridial vaccine Geert Vertenten Belgium 09:00-09:15

SR-04 Field efficacy of Meloxicam when used in sheep to alleviate pain and inflammation from routine husbandry procedures Liz Pryor Australia 09:15-09:30

SR-05 Effect of copulation on estrus duration, LH response, and ovulation in Boer goats Juan E. Romano USA 09:30-09:45

SR-06 Inhibitory effects of long-term repeated treatments of sustainable GnRH antagonist, degarelix acetate, on caprine testicular functions Noritoshi Kawate Japan 09:45-10:00

SR-07 Comparison of fresh sexed sorted and conventional semen in a commercial embryo transfer program involving East Friesian dairy ewes in New Zealand Mick Clews New Zealand 10:00-10:15

10:45-12:15 Oral Presentation

Chairs: Mohamed Sanusi Nigeria
Satoshi Kawamoto Japan

SR-08 The characteristic of cyclic reticulo-ruminal motility recorded by telemetry electromyography method in sheep. Romuald Zabielski Poland 10:45-11:00

SR-09 The evidence of the tyrosine kinase III receptor CD117 and vimentin immunopositive cells in the gastrointestinal tract of the sheep Karolina Ferenc Poland 11:00-11:15

SR-10 Diagnostic advances in ovine virulent footrot Richard Whittington Australia 11:15-11:30

SR-11 Diagnosis and molecular characterization of Cryptosporidium and Giardia in sheep in Algeria Karim Adjou France 11:30-11:45

SR-12 A meta-analysis of in vivo studies on the effects of garlic in reducing methane production in small ruminants Babak Darabighane Iran 11:45-12:00

SR-13 Preliminary data on the occurrence of the main bacterial agents that cause respiratory diseases in sheep in the State of São Paulo and Rio de Janeiro - Brazil Lilian Gregory Brazil 12:00-12:15

14:00-14:45 Oral Presentation

Chairs: Karim Adjou France
Noritoshi Kawate Japan

SR-14 Relationship of lipid factors in Seminal Plasma and Blood Serum of Afshari Rams Akbar Pirestani Iran 14:00-14:15

SR-15 Impact of different dietary protein levels on goats minerals, and blood parameters Mpho Tsheole South Africa 14:15-14:30

SR-16 Gestational toxemia in lactating sheep is associated with alterations in circulating inflammatory biomarkers Juan-Vicente Gonzalez-Martin Spain 14:30-14:45

Reproductive Technology**Room E (Small Hall)**

14:45-15:45 Oral Presentation

Chairs: Juan Romano USA
Minoru Sakaguchi Japan

RT-01 Establishing a robust ovum pick up (OPU) and in vitro embryo production (IVP) system for use in UK cattle breeding. David Hugh Black UK 14:45-15:00



WBC2018 Sapporo: Keynote Lecture / Workshop / Oral Presentation / Sponsored Symposium / Luncheon Seminar

Day 1 (Wednesday, Aug. 29)-6

RT-02	Efficacy of a single measurement of plasma anti-Müllerian hormone concentration for ovum pick-up donor selection of Japanese Black heifers in herd breeding programs	Yasuo Fushimi Japan	15:00-15:15
RT-03	A Novel Approach to Monitoring Working Dairy Breed Natural Service Sires	Rosemary Waite Australia	15:15-15:30
RT-04	Objective analysis of fresh and frozen bovine semen using CASA and flow cytometry	Jonathan Statham UK	15:30-15:45

Workshop 3

Miyarisan Pharmaceutical Co.,Ltd.

How should we best use of women power in livestock industry?

Room E (Small Hall)

16:30-18:30

WS3-1	Woman power in livestock industry in the world	Emile Bouchard Canada
WS3-2	Woman power in livestock industry in Japan	Chikako Tani Japan
WS3-3	Discussion (using cards with YES or NO)	

Day 2 - Thursday, Aug. 30

Udder Health and Milk Quality

Room A (Main Hall)

08:30-10:15 Oral Presentation		Chairs: Pamela Ruegg USA Shiro Miyoshi Japan	
UH-17	Quarter-based selective dry cow therapy using on-farm diagnostics: preliminary results of a randomized controlled trial	Fidele Kabera Canada	08:30-08:45
UH-18	Effect of dry cow treatment of a teat sealant alone or in combination with antibiotic when applied at the cow or quarter level.	Jantijn M Swinkels Netherlands	08:45-09:00
UH-19	Study on Udder Health and Milk Quality, and its Relation to Dry Cow Therapy in Sahiwal Cows	Baljinder Kumar Bansal India	09:00-09:15
UH-20	Incomplete Milking in Early Lactation Increases the Odds of Eliminating Intramammary Infections: Results from a Randomized Controlled Trial	Catarina Krug Canada	09:15-09:30
UH-21	The effect of celery extract (Apium graveolens) on the lactation edema, mastitis and milk composition in Holstein dairy cattle	Akbar Pirestani Iran	09:30-09:45
UH-22	The severity of periparturient udder edema in dairy cattle is inversely associated with the cross-sectional area of the cranial epigastric veins draining the mammary gland	Peter Constable USA	09:45-10:00
UH-23	Treatment of Staphylococcus aureus mastitis with recombinant bovine GM-CSF	Yoshio Kiku Japan	10:00-10:15
10:45-12:30 Oral Presentation		Chairs: Pamela Ruegg USA Shiro Miyoshi Japan	
UH-24	Automatic analysis of infrared thermograms using computerized active shape modeling in experimentally induced E. coli - mastitis	Moritz Metzner Germany	10:45-11:00
UH-25	Use of infrared thermography in pre-partum dairy heifers to predict elevated somatic cell count and intramammary infection at calving	Patricia Simoes Portugal	11:00-11:15
UH-26	Application of microRNA biomarkers in bovine mastitis milk	Yu-Chang Lai Japan	11:15-11:30
UH-27	Streptococcus uberis genotypes involved in intramammary infections: Comparison of small-scale farms to a large scale dairy herd	Regina Wald Austria	11:30-11:45
UH-28	Efficient herd surveillance for mastitis using the modular bactotype Mastitis qPCR	Carsten Schroeder Germany	11:45-12:00
UH-29	The use of 'In Clinic' milk culture to determine prevalence of clinical mastitis in four dairying areas of New Zealand	Mick Clews New Zealand	12:00-12:15
UH-30	Evaluation of on-farm microbiology techniques for detection of pathogens in milk	Renato May Rossi USA	12:15-12:30

Anti-Microbial Resistance

Room A (Main Hall)



14:00-14:45 Keynote Lecture

Chairs: **Theo Lam** Netherlands
Masaru Usui Japan

K08 Origin of biofilm-related infections and therapeutic perspectives

Christophe Beloin
France

14:45-16:00 Oral Presentation

Chairs: **Theo Lam** Netherlands
Masaru Usui Japan

AR-01	"It's cheaper than a dead cow": Understanding veterinary medicine use on UK dairy farms through qualitative methodology	Gwen Rees UK	14:45-15:00
AR-02	What can we learn from farmers experiences and attitudes to Selective Dry Cow Therapy?	Peter Guy Orpin UK	15:00-15:15
AR-03	Characterization of changes in the ileal microbiome of cattle after a single-dose administration of a macrolide antibiotic.	Benjamin Newcomer USA	15:15-15:30
AR-04	Antimicrobials use and Extended Spectrum Beta-Lactamase Producing Escherichia coli (ESBLs producing E. coli) in small holder dairy farms in Chiang Mai, Thailand.	Khwanchai Kreausukon Thailand	15:30-15:45
AR-05	Characterization of resistome-virulome in metritic cows that failed or attained cure after treatment with β -lactam antimicrobials	Fabio S. Lima USA	15:45-16:00

Sponsored Symposium 3

Mechanism and advantage of intranasal vaccination based on mucosal immunity
鼻腔粘膜ワクチン：粘膜免疫システムに基づくメカニズム及びその利点

Platinum Sponsor: Zoetis

Room A (Main Hall)

16:30-18:00

SS3-1 **Victor Cortese**
Zoetis, USA

SS3-2 **Shingo Ishikawa**
Japan

Herd Health Management

Room B (Conference Hall)

08:30-09:15 Keynote Lecture

Chairs: **Emile Bouchard** Canada
Katsuya Kida Japan

K11 Veterinary Herd Health & Productivity Management Advice on Dairy Farms

Jos. P.T.M. Noordhuizen
France

09:15-10:15 Oral Presentation

Chairs: **Emile Bouchard** Canada
Katsuya Kida Japan

HH-01	Construction of a framework for 'better evidence based recommendations' in a dairy herd	Dorte Bay Lastein Denmark	09:15-09:30
HH-02	Veterinarian communication on herd health: a feasibility study of Motivational Interviewing and farmer change language	Kristen Reyher UK	09:30-09:45
HH-03	Evaluating key performance indicators to monitor beef herd production	Sarah Hewitt UK	09:45-10:00
HH-04	Evaluation of Metrics for Benchmarking Antimicrobial Use in Dairy Cattle	Kristen K Reyher UK	10:00-10:15
10:45-12:30 Oral Presentation		Chairs: Paivi J Rajala-Schultz Finland Katsuya Kida Japan	
HH-05	Influence of calf characteristics to the calf mortality in calf rearing units in Finland	Atte Sandelin Finland	10:45-11:00
HH-06	Biosecurity Practices in Canadian Dairy Herds	Jose Denis-Robichaud Canada	11:00-11:15
HH-07	Integrating the use of medicine audits into herd health planning to achieve the cessation of highest priority critically important antimicrobial use alongside improved production, health and welfare parameters in dairy cows	Andrea Turner UK	11:15-11:30
HH-08	Accuracy and agreement between human observed Body Condition Scores (BCS) and an automated BCS system	Niall O'Leary Ireland	11:30-11:45
HH-09	Characterising the relationship between rumination time and peripartum disease events in pastured Australian dairy cattle using an automated health monitoring system.	Alexander J Crosbie Australia	11:45-12:00
HH-10	Influence of pre-partum rumination times on the occurrence of diseases and level of production in dairy cows	Lea Lenart Hungary	12:00-12:15
HH-11	Monitoring rumination time, chewing cycles and rumination bouts in indoor housed dairy cows by an ear-attached accelerometer	Michael Iwersen Austria	12:15-12:30



14:00-16:00 Oral Presentation

Chairs: **Andrea Turner** UK
Shin Oikawa Japan

HH-12	Prediction of postpartum (subclinical) ketosis during the dry period using sensors.	Frank Van Eerdenburg Netherlands	14:00-14:15
HH-13	Efficacy of a polyvalent mastitis vaccine at a large scale dairy farm	Ken Kuriki Japan	14:15-14:30
HH-14	Use of antimicrobial intramammary treatments in dry cow management in Finnish Dairy Herds	Paivi J Rajala-Schultz Finland	14:30-14:45
HH-15	Impact of postpartum subclinical hypocalcemia on uterus recovery and reproductive performance of dairy cattle	Mitsuo Ishii Japan	14:45-15:00
HH-16	Integrating prediction of parturition and timing supplementation of calcium for prevention of subclinical hypocalcemia	Fabio S. Lima USA	15:00-15:15
HH-17	Assessment of the association of Mycobacterium avium subs. paratuberculosis serostatus with birth to calving intervals from first to fifth calving, in Portuguese dairy cows	Elisabete Gomes Martins Portugal	15:15-15:30
HH-18	Monitoring heifer growth: use of thoracic tape to estimate heifer's body weight and body mass index as a practical tool to monitor dairy heifers growth	Laura Elvira Spain	15:30-15:45
HH-19	Dry off methodology and effect on daily milk production curves in Dutch dairy cows	Kaspar Krogh Denmark	15:45-16:00

Sponsored Symposium 4

Platinum Sponsor: Miyarisan Pharmaceutical Co.,Ltd.

One Health Symposium 2018
-Approach to Antimicrobial Resistance (AMR) Threats-

Room B (Conference Hall)

16:30-18:30

Chairs: **Mitsuo Kaku** Japan
Yutaka Tamura Japan

SS4-1	The role of flies in circulation of antibiotic-resistant bacteria and antibiotic resistance genes among humans, animals, and environments	Masaru Usui Japan	
SS4-2	Dissemination of antibiotic resistance genes in the aquatic environment	Satoru Suzuki Japan	
SS4-3	Clinical impact of national action plan on Antimicrobial Resistance (AMR) in Japan	Hiroshige Mikamo Japan	
SS4-4	Antimicrobial Resistance in food animals and humans: Potential One Health solutions	Todd R. Callaway USA	
SS4-5	Closing Remarks	Hiroyuki Kunishima Japan	

Bovine Welfare and Cattle Comfort

Room C (Mid-sized Hall)

08:30-08:45

- Ruminant Well-Being Award

08:45-09:30 Keynote Lecture

Chairs: **Gatz Riddell** USA
Hidetoshi Higuchi Japan

K10 Bovine behavior and welfare in production medicine

Ed Pajor
Canada

09:30-10:15 Oral Presentation

Chairs: **Gatz Riddell** USA
Hidetoshi Higuchi Japan

WE-01 Pain relief in Australian Cattle; Where to from here?

Peter White
Australia

09:30-09:45

WE-02 The effect of topical anaesthetic and meloxicam, alone and in combination, on pain and haemorrhage following spaying of female beef cattle

Dominique Van Der Saag
Australia

09:45-10:00

WE-03 Effects of Post-Partum Pain Relief on Behaviour in Calves Born with and without Assistance

Nicola Gladden
UK

10:00-10:15

10:45-12:30 Oral Presentation

Chairs: **Gatz Riddell** USA
Hidetoshi Higuchi Japan

WE-04 Flunixin transdermal reduces pain in cattle

Michael Bolton
USA

10:45-11:00

WE-05 Use of topical anaesthesia to control pain during and after trimming hoof lesions in dairy cows.

George Stilwell
Portugal

11:00-11:15



WE-06	Effect of the administration of flunixin transdermal alone or in combination with an antibiotic on health and performance of newly received beef cattle	Siddhartha Torres Mexico	11:15-11:30
WE-07	Dairy cattle welfare assessment – an innovative approach for cattle in pasture in the Azores Island	George Stilwell Portugal	11:30-11:45
WE-08	Response of Bunaji and Friesian cows to heat stress in Bauchi, Nigeria	Hassan Mohammed Mai Nigeria	11:45-12:00
WE-09	How well are our dairies during the summer? Summer to Winter (S:W) Ratios of Somatic Cell Score and milk yield in USA	Joao H C Costa USA	12:00-12:15
WE-10	Welfare status of bobby calves at an abattoir in Victoria, Australia.	Monoar S. Pallab Australia	12:15-12:30
14:00-15:45 Oral Presentation		Chairs: Long Su Viet Nam Yasuho Taura Japan	
WE-11	Recumbency at Slaughter Premises: A Case-Control Study	Richard Laven New Zealand	14:00-14:15
WE-12	The risk of iatrogenic sciatic nerve damage in dairy cattle when injecting into the dorsal gluteal region	Rosanna Kirkwood UK	14:15-14:30
WE-13	Long-term effects of disbudding – the relation of horn status and HPA responsiveness as measured by repeated ACTH challenges in fattening bulls	Anna Reiche Switzerland	14:30-14:45
WE-14	An epidemiological survey of the health and welfare of cows in shelters (gaushalas) in India	Arvind Sharma Australia	14:45-15:00
WE-15	Changes in mortality rates in dairy cattle farms after switching from a milking parlor to automatic milking	Francisco Javier Dieguez Spain	15:00-15:15
WE-16	Locomotion characteristics of dairy cows walking on pasture and the effect of artificial flooring systems on locomotion comfort	Maher Alsaood Switzerland	15:15-15:30
WE-17	Development and validation of a sonographic edema scoring system for show cows	Maher Alsaood Switzerland	15:30-15:45

Workshop 5

MTF Co., Ltd.

Characteristics and prospects of Japanese Black cattle

Room C (Mid-sized Hall)

16:30-18:30

WS5-1	Origin and genetic diseases of Japanese Black cattle	Tetsuo Kunieda Japan	16:30-16:55
WS5-2	Diseases characteristic of Japanese Black cattle	Keiichi Matsuda Japan	16:55-17:20
WS5-3	Ultrasonography in Japanese Black cattle	Kazunori Ishii Japan	17:20-17:45
WS5-4	Reproductive management in Japanese Black cows	Takeshi Osawa Japan	17:45-18:10
WS5-5	Discussion		18:10-18:30

Internal Medicine**Room D (107+108)**

08:30-09:15 Keynote Lecture

Chairs: **Doo Kim** Korea
Hisashi Inokuma Japan

K21	Future perspectives for farm animal internal medicine	Walter Grünberg Germany	
09:15-10:15 Oral Presentation		Chairs: Doo Kim Korea Hisashi Inokuma Japan	
IM-01	Investigations on electrocardiographic abnormalities associated with hyperkalemia in 130 hospitalized neonatal diarrheic calves	Florian Trefz Germany	09:15-09:30
IM-02	An observational study to assess the value of a computer-aided lung auscultation system to predict the risk of bovine respiratory disease (BRD) relapse and mortality when collected at the time of first BRD treatment	G. K. Jim Canada	09:30-09:45
IM-03	Evaluation of administration of tildipirosin and a multivalent inactivated respiratory vaccine to control bovine respiratory disease in pre-weaned dairy calves.	Siddhartha Torres Mexico	09:45-10:00
IM-04	Measuring veterinary medicine storage and use on United Kingdom dairy farms	Gwen Rees UK	10:00-10:15



10:45-12:30 Oral Presentation

Chairs: **Doo Kim** Korea
Hisashi Inokuma Japan

IM-05	Performance of multiple diagnostic tools in assessing the progression of respiratory disease in calves infected with IBR followed by Mannheimia haemolytica	Siddhartha Torres Mexico	10:45-11:00
IM-06	Factors associated with pulmonary inflammation in calves as determined by cytology on non-endoscopic broncho-alveolar lavage samples	Katharina Van Leenen Belgium	11:00-11:15
IM-07	Non Invasive Mechanical Ventilation (CPAP Mode) on premature calves for neonatal hypoxia treatment	Melina Marie Yasuoka Brazil	11:15-11:30
IM-08	Comparison of Causative Agents of Bovine Diarrhea and Acute Phase Proteins between Healthy and Diarrheic Korean Indigenous Calves	Jeong-Byoung Chae Korea	11:30-11:45
IM-09	Does the Physicochemical Approach Improve Detection of Acid-base Disorders in Diarrheic calves?	Diego Gomez USA	11:45-12:00
IM-10	Predicting the level of metabolic acidosis in neonatal calf with diarrhea: diagnostic value of urinary pH and construction of decision trees based on clinical signs.	François Schelcher France	12:00-12:15
IM-11	Evaluation of a portable ion-selective electrode meter for measuring potassium concentrations in whole blood and plasma of dairy calves	Florian Trefz Germany	12:15-12:30

Luncheon Seminar 1

Platinum Sponsor: Boehringer Ingelheim
Room D (107+108)

12:45-13:35

LS1	Benefits of NSAID therapy for clinical mastitis 臨床的な乳房炎におけるNSAID使用の利点に関して	Scott Mcdougall New Zealand	
------------	--	---------------------------------------	--

Internal Medicine

Room D (107+108)

14:00-15:15 Oral Presentation

Chairs: **Walter Grünberg** Germany
Shigeru Sato Japan

IM-12	Effect of dehydration and acidemia on the potassium content of muscle tissue and erythrocytes in calves with neonatal diarrhea	Lennart Golbeck Germany	14:00-14:15
IM-13	Bone resorption status in parturient dairy cows: a perspective of bone markers related to osteoclast activity	Kaoru Hatate Japan	14:15-14:30
IM-14	Prognostic value of preoperative plasma L-Lactate concentrations in calves with acute abdominal emergencies	Corinna Lausch Germany	14:30-14:45
IM-15	Prognostic relevance of sequential plasma L-Lactate measurements in calves with acute abdominal emergencies	Corinna Lausch Germany	14:45-15:00
IM-16	Mechanistic effect of intravenous fluids solutions on blood pH of healthy calves.	Diego Gomez USA	15:00-15:15

Infectious Diseases: Parasitology

Room D (107+108)

15:15-15:30 Oral Presentation

Chairs: **Walter Grünberg** Germany
Shigeru Sato Japan

PA-05	Using pooled samples and Mini-FLOTAC to assess efficacy of cattle anthelmintics on a 5,000-head heifer-rearing unit in Tasmania, Australia.	Matthew Charles Playford Australia	15:15-15:30
--------------	---	--	-------------

Workshop 4

The Veterinary Profession and Food in 2025 / How might veterinary networks collaborate to deliver innovative improvements in the productivity, quality and welfare standards of wholesome food, produced from healthy animals

Room D (107+108)

16:30-18:30

WS4-1	Global agri- and vet business challenges and opportunities	Mark Bryan New Zealand	16:30-16:50
WS4-2	Recruitment and staff challenges and opportunities Independent Practice versus Corporatisation	David Black UK	16:55-17:15
WS4-3	The "One Health" aspect of what we do	International Speaker To Be Confirmed	17:20-17:40
WS4-4	Veterinary Networks	Ben Lee	17:45-18:05



WS4-5 Managing Change

Jon Reader
UK

18:10-18:30

Public Health and Food Safety

Room E (Small Hall)

08:30-09:15 Keynote Lecture

Chairs: Chris Compton New Zealand
Naoaki Misawa Japan

K22 Predictive Modeling for Large Data Sets and One Health

Dörte Döpfer
USA

09:15-10:15 Oral Presentation

Chairs: Chris Compton New Zealand
Naoaki Misawa Japan

PH-01 Comparative study on the efficacy of aqueous ozone, sodium hypochlorite, and peracetic acid in the disinfection of various Salmonella contaminated surfaces in dairy operations.

Ameer Ahmed Megahed
USA

09:15-09:30

PH-02 The effect of vaccination practices on injection site lesions in UK beef cattle

Liz Cresswell
Australia

09:30-09:45

PH-03 Genotypic comparison of Streptococcus agalactiae isolated from cattle, fish and human in northern Thailand

Sukolrat Boonyayatra
Thailand

09:45-10:00

PH-04 Q fever in milk cattle herds as a potential threat for humans

Monika Szymanska-Czerwinska
Poland

10:00-10:15

10:45-11:45 Oral Presentation

Chairs: Doerte Doepfer USA
Masato Akiba Japan

PH-05 An integrated platform for rapid testing of pathogens in the meat/poultry supply chain

Jonathan Statham
UK

10:45-11:00

PH-06 Bile in gallbladder as an important contamination source of Campylobacter species in slaughter cattle

Naoaki Misawa
Japan

11:00-11:15

PH-07 A one-year investigation of the dynamics and antimicrobial susceptibility of bacteria isolated from cows with mastitis on a large-scale dairy farm in Japan

Savak Kiatsomphob
Japan

11:15-11:30

PH-08 In vivo characterization of the ileal microbiome of healthy cattle using Ion Torrent PGM analysis

Ricardo Stockler
USA

11:30-11:45

Tropical Animal Diseases

Room E (Small Hall)

11:45-12:30 Keynote Lecture

Chairs: Olalekan Jeremiah Nigeria
Takeshi Osawa Japan

K06 Foot-and-Mouth Disease (FMD): why understanding the risks and access to efficacious vaccines are key to progressive control of the disease - from herd level to global scale

Keith John Sumption
Italy

Luncheon Seminar 2

Major Sponsor: Elanco Japan K.K.

Room E (Small Hall)

12:45-13:35

Chair: Go Kitahara Japan

LS2 A new concept in transition management of the peripartum dairy cow
乳牛周産期の飼養管理における新しいコンセプトMichael Steele
Elanco Animal Health

Tropical Animal Diseases

Room E (Small Hall)

14:00-16:00 Oral Presentation

Chairs: Olalekan Jeremiah Nigeria
Takeshi Osawa Japan

TD-01 Improving biosecurity for Foot-and-Mouth Disease (FMD) control in countries from Asia, the Far East and Oceania

Isabel B.J. Macphillamy
Australia

14:00-14:15

TD-02 An evidence-based herd health program for tropical smallholder beef production in Southeast Asia

Peter Windsor
Australia

14:15-14:30

TD-03 Can medicated molasses blocks deliver superior health and productivity from smallholder large ruminants in developing countries?

Peter Windsor
Australia

14:30-14:45

TD-04 Investigation of infectious reproductive pathogens of large ruminants: are neosporosis, brucellosis, leptospirosis and BVDV of relevance in Lao PDR?

Luisa Olmo
Australia

14:45-15:00

TD-05 Participatory evidence-based planning for community-based control of bovine brucellosis in Tanzania

Kohei Makita
Japan

15:00-15:15



WBC2018 Sapporo: Keynote Lecture / Workshop / Oral Presentation / Sponsored Symposium / Luncheon Seminar Day 2 (Thursday, Aug. 30) -12

TD-06	Perception and behaviours associated with community-based bovine brucellosis control among agro-pastoralists in Tanzania	Kohei Makita Japan	15:15-15:30
TD-07	Theileria parva survey by simple FTA card-based polymerase chain reaction in dairy cattle in Mbarara, Uganda	Leo Uchida Japan	15:30-15:45
TD-08	Prevalence of sub-clinical mastitis and its association with milking practice in Mbarara, Uganda	Takeshi Miyama Japan	15:45-16:00

Workshop 6

Mooving to another level as a Buiatrician :
- from individual animal care to trusted advisor in the leadership team.

Room F (201+202)

16:30-18:30

WS6	Mooving to another level as a Buiatrician : - from individual animal care to trusted advisor in the leadership team.	Mark Burgemeister Australia	16:30-18:30
-----	--	---------------------------------------	-------------

Day 3 - Friday, Aug. 31

Reproduction

Room A (Main Hall)

08:30-09:15 Keynote Lecture

Chairs: **Martina Hoedemaker** Germany
Seiji Katagiri Japan

K14	Conceptus implantation to the maternal endometrium: cellular mechanisms associated with the adhesion of two cell types.	Kazuhiko Imakawa Japan	
-----	---	----------------------------------	--

09:15-10:15 Oral Presentation

Chairs: **Martina Hoedemaker** Germany
Seiji Katagiri Japan

RE-01	New aseptic technique of semen collection for microbiological culture in bulls	Juan E. Romano USA	09:15-09:30
RE-02	Scrotal circumference and plasma concentrations of testicular and metabolic hormones from pre-puberty to post-puberty in Japanese Black beef bulls with normal, abnormal fresh and low-fertility post-thaw semen	W.W.P.N. Weerakoon Japan	09:30-09:45
RE-03	Effects of early weaning on postpartum endometrial environment in beef cows	Takeshi Osawa Japan	09:45-10:00
RE-04	Prognostic indicators of survival time in Norwegian Cattle suffering from Uterine prolapse	Adam Martin Norway	10:00-10:15

10:45-12:30 Oral Presentation

Chairs: **Martina Hoedemaker** Germany
Seiji Katagiri Japan

RE-05	The effect of clinical endometritis on the calving to conception interval of dairy cows	Madeleine Jane Hay Australia	10:45-11:00
RE-06	Reproducibility of endometrial cytology and association between mRNA expressions of pro-inflammatory factors and uterine health in cows	Harald Pothmann Austria	11:00-11:15
RE-07	Comparison of cow-side diagnostic techniques to assess subclinical endometritis in dairy cows	Osvaldo Bogado Pascottini Canada	11:15-11:30
RE-08	Associations of periparturient plasma biochemical parameters, endometrial leukocyte esterase and myeloperoxidase, and bacterial detection with clinical and subclinical endometritis in postpartum dairy cows	Takeshi Osawa Japan	11:30-11:45
RE-09	The reproductive performance of 80 problem breeder cows after receiving a therapeutic uterine lavage.	Michael William Reynolds Australia	11:45-12:00
RE-10	The effect at herd level of more frequent testing for endometritis and subsequent treatment of positive cows with a single intrauterine infusion of 500 mg cephapirin compared to a more traditional single test and treatment.	Mick Clews New Zealand	12:00-12:15
RE-11	Post-insemination intrauterine treatment with cephapirin in dairy cows with mild endometritis	Harald Pothmann Austria	12:15-12:30

14:00-16:00 Oral Presentation

Chairs: **Rodolfo de la Sota** Argentina
Shigehisa Tsumagari Japan

RE-12	Efficacy of Mycobacterium Cell Wall Fraction in the treatment of clinical and subclinical endometritis in dairy cows	Pablo M. Chesta Argentina	14:00-14:15
RE-13	Efficacy of Mycobacterium Cell Wall Fraction on intrauterine influx of polymorphonuclear cells in dairy cows-dose comparison study	Aleksandar Masic Canada	14:15-14:30
RE-14	Vascularization to preovulatory follicle and corpus luteum- A valuable predictor of fertility in dairy cows.	Emy Elizabeth Varughese USA	14:30-14:45
RE-15	Effects of the function of corpus luteum at the beginning of Shortsynch program on conception rate of lactating dairy cows	Motozumi Matsui Japan	14:45-15:00



RE-16	Earlier emergence of large follicles rather than early ovulation as an indicator of subsequent fertility in lactating dairy cows	Hiromi Kusaka Japan	15:00-15:15
RE-17	Does the side (left or right) of preovulatory follicle location at artificial insemination affect the conception rate in lactating dairy cows?	Taiki Izumi Japan	15:15-15:30
RE-18	A New Hypothesis on the Development and Healing of Follicular Cysts in Dairy Cows	Kouchi Tanemura Japan	15:30-15:45
RE-19	Application of hormonal intervention in treatment of ovarian disorders in dairy cattle herd in Vinhphuc province, Vietnam	Phong Tuan Vuong Viet Nam	15:45-16:00

Anti-Microbial Resistance

Room B (Conference Hall)

08:30-09:15 Keynote Lecture		Chairs: John Olsen Denmark Masato Akiba Japan	
K09	Antimicrobial use and antimicrobial resistance in dairy cows	Theo Lam Netherlands	
09:15-10:00 Oral Presentation		Chairs: John Olsen Denmark Masato Akiba Japan	
AR-06	β -lactamase-encoding gene identification by micro-arrays in phenotypically resistant pathogenic Escherichia coli from young calves in Wallonia, Belgium.	Virginie Guerin Belgium	09:15-09:30
AR-07	Antibiogram of klebsiella species isolated from bovine mastitis in China	Jia Cheng China	09:30-09:45
AR-08	Genetic characterization of multi-drug resistant Mannheimia haemolytica isolated from high-risk stocker cattle	Emily Snyder USA	09:45-10:00
10:45-12:30 Oral Presentation		Chairs: Richard Pereira USA Ikuo Uchida Japan	
AR-09	"Antibiotics Anonymous"- Lessons learnt measuring antimicrobial use with UK dairy farmers	Lisa Chloe Morgans UK	10:45-11:00
AR-10	Potential risks for antimicrobial resistance (AMR) from inappropriate treatments for viral diseases by para-veterinary professionals in developing countries	Isabel B.J. Macphillamy Australia	11:00-11:15
AR-11	Association between antimicrobial use and resistance in non-aureus staphylococci isolated from dairy herds	Diego Borin Nobrega Canada	11:15-11:30
AR-12	A comparative analysis of antimicrobial use in dairy cows in New Zealand and in the UK	Mark Bryan New Zealand	11:30-11:45
AR-13	The use of an antimicrobial practice sales report to identify prescribing patterns and as an active tool in herd health management	Philip Elkins UK	11:45-12:00
AR-14	Antimicrobial use in Canadian beef cattle: extent, indications, and risk factors for treatment.	Kee Jim Canada	12:00-12:15
AR-15	Feeding preweaned calves milk containing drug residues ("waste milk"): impacts on the functional profile of the fecal microbiota	Richard Pereira USA	12:15-12:30
14:00-14:45 Oral Presentation		Chairs: Benjamin Newcomer USA Masato Akiba Japan	
AR-16	Waste milk from dairy farms in Central California: distribution of antimicrobial drug residues and farm practices	Richard Pereira USA	14:00-14:15
AR-17	Use of on-farm bacterial culture and decision support tools to reduce antimicrobial usage in cases of mild to moderate clinical mastitis in cows	Scott Mcdougall New Zealand	14:15-14:30
AR-18	Non-antibiotic topical treatment of interdigital phlegmon (foot rot) with salicylic acid	Christer Bergsten Sweden	14:30-14:45

Immunology and Vaccines

Room C (Mid-sized Hall)

08:30-09:15 Keynote Lecture		Chairs: Philip Griebel Canada Hiromichi Ohtsuka Japan	
K04	Immunology of bovine respiratory syncytial virus (BRSV) in calves	Geraldine Taylor UK	
09:15-10:15 Oral Presentation		Chairs: Philip Griebel Canada Hiromichi Ohtsuka Japan	
IV-01	The application of bovine hyperimmune serum against selected outer membrane antigens of Gram-negative bacteria in prevention and treatment of respiratory tract infections in dairy calves	Paulina Jawor Poland	09:15-09:30



IV-02	Innate Immunity and Rumen Resiliency using Fermentation Bioactives	Leon Barringer USA	09:30-09:45
IV-03	Local immune responses in stressed and unstressed beef cattle	Victor S. Cortese USA	09:45-10:00
IV-04	Efficacy and safety of pegbovigrastim in EU clinical field trials	Michael Steele UK	10:00-10:15
10:45-12:15 Oral Presentation		Chairs: Geraldine Taylor UK Satoru Konnai Japan	
IV-05	Relationship between hemorrhagic bowel syndrome and Clostridium perfringens type A toxin	Hajime Kato Japan	10:45-11:00
IV-06	In vitro and clinical study on antiviral activity of an anti-PD-L1 rat-bovine chimeric antibody against bovine leukemia virus infection	Naoya Maekawa Japan	11:00-11:15
IV-07	Overcoming T-cell exhaustion in chronic infections of cattle: a pilot clinical study of anti-PD-1 immunotherapy in bovine leukemia virus infection	Tomohiro Okagawa Japan	11:15-11:30
IV-08	A study to compare serological response to vaccination with an inactivated Bovine Respiratory Disease vaccine given at various inter-vaccination intervals	Carl-Christian Gelfert Belgium	11:30-11:45
IV-09	Mucosal Immune Response in Young Calves Following Intranasal Administration of Bovine Coronavirus, Modified Live Vaccine	Philip Griebel Canada	11:45-12:00
IV-10	Stimulation of passive immunity by vaccination of dry cows with a multivalent inactivated respiratory vaccine.	Geert Vertenten Belgium	12:00-12:15
14:00-14:30 Oral Presentation		Chairs: Geraldine Taylor UK Satoru Konnai Japan	
IV-11	FMD-LL3B3D Vaccine Platform: Safe, Highly Potent, Fully DIVA Compatible, Inactivated Foot-and-Mouth Disease Virus Vaccines	Veronique Moulin USA	14:00-14:15
IV-12	A non-inferiority study of low dose intradermal rabies vaccine and standard dose intramuscular vaccination	Richard Laven New Zealand	14:15-14:30

Clinical Genetics

Room C (Mid-sized Hall)

14:30-15:15 Oral Presentation		Chairs: Arcangelo Gentile Italy Mitsuhiro Takagi Japan	
CG-01	Novel findings of Bovine Familial Convulsions and Ataxia	Brandon Cameron Fraser Australia	14:30-14:45
CG-02	Genetically selected heifers differ in peripheral blood concentrations of IGF-1 and BHBA	Marie Margarete Meyerholz Germany	14:45-15:00
CG-03	The Genomic Value of Dairy Breed Natural Service Sires	Rosemary Waite Australia	15:00-15:15

Hoof Health and Lameness

Room D (107+108)

08:30-09:15 Keynote Lecture		Chairs: Dörte Döpfer USA Takeshi Tsuka Japan	
K12	Strategies to reduce dairy lameness by improving claw health. Is zero lameness a reachable goal?	Christer Bergsten Sweden	
09:15-10:15 Oral Presentation		Chairs: Dörte Döpfer USA Takeshi Tsuka Japan	
HL-01	An unusual presentation of toe ulcers in a pasture-based dairy herd	Richard A Laven New Zealand	09:15-09:30
HL-02	Bovine Digital Dermatitis in Victoria, Australia	Jessie Hesseling Australia	09:30-09:45
HL-03	Systematic review of prevalence of lameness and leg lesions on dairy farms: 2006 to 2016	Joao H C Costa USA	09:45-10:00
HL-04	The Prevalence of Lameness in UK Finishing Cattle	Jay Tunstall UK	10:00-10:15
10:45-12:30 Oral Presentation		Chairs: Christer Bergsten Sweden Takeshi Tsuka Japan	
HL-05	Distribution of weight and pressure on the claw soles in young calves	Karl Nuss Switzerland	10:45-11:00



WBC2018 Sapporo: Keynote Lecture / Workshop / Oral Presentation / Sponsored Symposium / Luncheon Seminar

Day 3 (Friday, Aug. 31)-15

HL-06	Effect of different ground conditions on pressure distribution under the bovine claw measured with foil-based sensors	Benjamin Oehme Germany	11:00-11:15
HL-07	Detection of hind limb pathologies in cattle with the aid of the cow pedogram	Maher Alsaood Switzerland	11:15-11:30
HL-08	Sense of sensors: behavioral aspects of dairy cattle in the transition period related to their locomotion scores	Peter Hut Netherlands	11:30-11:45
HL-09	Evaluation of lameness in cattle under traditional pastoralists' management in Semi-arid zone of Bauchi and Yobe States, North Eastern Nigeria	Sanusi Mohammed Nigeria	11:45-12:00
HL-10	Accuracy of Corium-parallel trimming technique using of Magnetic Resonance Imaging (MRI) system in the bovine claws	Hiroyuki Manabe Japan	12:00-12:15
HL-11	Comparison of orthopaedic hoof blocks for the treatment of lame cattle under New Zealand pasture conditions in regard to wear and block duration	Richard A Laven New Zealand	12:15-12:30

14:00-14:30 Oral Presentation

Chairs: Inhyung Lee Korea
Takeshi Tsuka Japan

HL-12	Clinical evaluations and histology to test the effect of amino acid complexed trace mineral supplementation on digital dermatitis in growing-finishing feedlot cattle	Dörte Döpfer USA	14:00-14:15
HL-13	New ways to preserve claw health – comparative study on the efficacy of antibiotics and antibiotic-free treatments for digital dermatitis (Mortellaro disease)	Charlotte Kroeger Germany	14:15-14:30

Miscellaneous Topics

Room D (107+108)

14:30-15:45 Oral Presentation

Chairs: Bhuminand Devkota Nepal
Yasuho Taura Japan

MT-01	Hypoplasia of the omasal laminae in cattle: description of two cases	Vincent Plassard France	14:30-14:45
MT-02	How- and under what circumstances- can veterinary communication inspire farmer behaviour change? A qualitative investigation	Kristen Reyher UK	14:45-15:00
MT-03	Knowledge of ethnoveterinary medicine within the North West Province, South Africa	Rendani Victress Ndou South Africa	15:00-15:15
MT-04	The effect of linseed meal on daily weight gain, dry matter intake, feed efficiency, Interleukin-1 and Resolvin E1 in pre-weaned Holstein dairy calves	Pedro Melendez USA	15:15-15:30
MT-05	Current best estimates of adult dairy cattle weight in the United Kingdom	Kristen K Reyher UK	15:30-15:45

Epidemiology

Room E (Small Hall)

08:30-09:15 Keynote Lecture

Chairs: Cord Heuer New Zealand
Mutsuyo Kadohira Japan

K07	Tools and Approaches for Problem Solving at the Herd, Regional, National and International Level	Mark Stevenson Australia	
-----	--	-----------------------------	--

09:15-10:15 Oral Presentation

Chairs: Cord Heuer New Zealand
Mutsuyo Kadohira Japan

EP-01	The seasonal outbreaks of Foot and Mouth Disease and its history in Iraq	Karima Akool Al Salihi Iraq	09:15-09:30
EP-02	On-farm mortality and related risk factors in Estonian dairy cows	Kaari Reimus Estonia	09:30-09:45
EP-03	Patterns and determinants of culling and mortality are unique topasture-grazed, seasonal-calving dairy cows in New Zealand	Chris Compton Compton New Zealand	09:45-10:00
EP-04	Risk factors associated with mortality identified at arrival to a milk-fed veal facility	David L Renaud Canada	10:00-10:15

10:45-12:30 Oral Presentation

Chairs: Mark Stevenson Australia
Kohei Makita Japan

EP-05	Why leptospirosis continues to occur in workers of vaccinated dairy herds	Cord Heuer New Zealand	10:45-11:00
EP-06	Herd-level risk factors associated with Leptospira Hardjo infection in dairy herds in the southern Tohoku, Japan	Takeshi Miyama Japan	11:00-11:15
EP-07	Meat inspection, variability depending on the veterinary inspector: a cross sectional study	Rolando Piccioni Italy	11:15-11:30



WBC2018 Sapporo: Keynote Lecture / Workshop / Oral Presentation / Sponsored Symposium / Luncheon Seminar Day 3 (Friday, Aug. 31)-16

EP-08	Antibody concentrations against gastrointestinal nematodes in adult beef cows from the prairie provinces of western Canada	Felicity Kaye Wills Australia	11:30-11:45
EP-09	The detection of the Mycobacterium avium subspecies paratuberculosis in environmental samples as a screening test to determine a herd's paratuberculosis status	Shin-Ichi Sakakibara Japan	11:45-12:00
EP-10	Incidence of fecal excretion of Mycobacterium avium subsp. paratuberculosis in dairy cows before and after the enrolment in the Québec Voluntary Program	Jean-Philippe Roy Canada	12:00-12:15
EP-11	Serological detection of Mycoplasma bovis in dairy herds using calf blood samples collected from abattoirs	Peter Mansell Australia	12:15-12:30

Luncheon Seminar 3

Platinum Sponsor: Zoetis
Room E (Small Hall)

12:45-13:35

Chair: Akihiro Iwakuma Zoetis, Japan

LS3	Dairy heifer & calf management 乳用子牛及び未経産牛の呼吸器病対策	Jos Noordhuizen Australia	
-----	---	------------------------------	--

Epidemiology

Room E (Small Hall)

14:00-14:30 Oral Presentation

Chairs: Mark Stevenson Australia
Kohei Makita Japan

EP-12	Searching for anthrax in the clouds	Tom Brownlie New Zealand	14:00-14:15
EP-13	DAGs - Directed Acyclic Graphs as a tool for Buiatricians to examine causal inference.	Mark Andrew Burgemeister Australia	14:15-14:30

Toxicology

Room E (Small Hall)

14:30-15:30 Oral Presentation

Chairs: Francois Schelcher France
Reiichiro Sato Japan

TX-01	Bracken Toxicosis.	Michael William Reynolds Australia	14:30-14:45
TX-02	Determination of micotoxins in dairy feedstuffs typically used in Chile	Pedro Melendez USA	14:45-15:00
TX-03	Supplementation with difructose anhydride III (DFA III) reduces mycotoxin absorption in cattle by modifying the tight-junction network	Katsuki Toda Japan	15:00-15:15
TX-04	Outbreak of Lantana camara poisoning in tropically adapted cattle with long term follow up	Brandon Cameron Fraser Australia	15:15-15:30

Emerging Diseases

Room E (Small Hall)

15:30-16:00 Oral Presentation

Chairs: Przemyslaw Sobiech Poland
Makoto Haritani Japan

ED-01	Two cases of embolic pneumonia secondary to udder cleft dermatitis in dairy cattle from the same farm	Andrea Turner UK	15:30-15:45
ED-02	Salmonella Dublin in dairy calves: an outbreak investigation.	Diego Gomez USA	15:45-16:00

Workshop 7-(1)

Dr. Fritz – Endoscopy & Videosystems, Tuttlingen, Germany

Different methods of laparoscopic abomasopexy described by JANOWITZ and CHRISTIANSEN:
The equipment, the procedures

Room F (201 + 202)

08:30-10:15

Wolfgang Kehler Germany

WS7(1)	Efficacy of the Janowitz laparoscopic abomasopexy for treatment of left displaced abomasum in dairy cows		08:30-09:00
WS7(1)	Slide show with hands on the equipment / Different methods of laparoscopic abomasopexy described by JANOWITZ and CHRISTIANSEN: The equipment, the procedures		09:00-09:45
WS7(1)	Movies with hands on the equipment: 1. Laparoscopic abomasopexy described by JANOWITZ, 2. Laparoscopic abomasopexy described by CHRISTIANSEN, 3. Percutaneous abomasopexy by toggle pin (Sterner and Grymer)		09:45-10:15

**Workshop 7-(2)**

Dr. Fritz – Endoscopy & Videosystems, Tuttlingen, Germany

Different methods of laparoscopic abomasopexy described by JANOWITZ and CHRISTIANSEN:
The equipment, the procedures**Room F (201+202)**

10:45-12:30

Wolfgang Kehler Germany

WS7(2)	Efficacy of the Janowitz laparoscopic abomasopexy for treatment of left displaced abomasum in dairy cows		10:45-11:15
WS7(2)	Slide show with hands on the equipment / Different methods of laparoscopic abomasopexy described by JANOWITZ and CHRISTIANSEN: The equipment, the procedures		11:15-11:45
WS7(2)	Movies with hands on the equipment: 1. Laparoscopic abomasopexy described by JANOWITZ, 2. Laparoscopic abomasopexy described by CHRISTIANSEN, 3. Percutaneous abomasopexy by toggle pin (Sterner and Grymer)		11:55-12:30

Workshop 8

Iso Veterinary Service

What we have seen and learned about Fukushima? Experience and suggestive instruction from animal victims in the ex-evacuation zone since the disaster of the earthquake followed by FNPPF accident

Room F (201+202)

14:00-16:00

WS8-1	What we have observed in cattle in the evacuation zone in Fukushima	Manabu Fukumoto Japan	14:00-14:45
WS8-2	Pharmacokinetics of radiocesium in Japanese Black cattle (Wagyu)	Chiaki Shimaoka Japan	14:45-15:15
WS8-3	Estimation of Radiation exposure dose of Japanese Black cattle (Wagyu) and their health status in the ex-evacuation zones in Fukushima	Masahiro Natsuhori Japan	15:15-16:00

Day 4 - Saturday, Sep. 01**Reproduction****Room A (Main Hall)****08:30-10:00 Oral Presentation**Chairs: Otto Szenci Hungary
Kazuhiko Imakawa Japan

RE-20	The Incidence of reproductive disorders in dairy cows under smallholder farms	Muhammad Yusuf Indonesia	08:30-08:45
RE-21	Characterization of pregnancy losses between 30 and 210 days of gestation in grazing dairy cows	Rodolfo Luzbel De La Sota Argentina	08:45-09:00
RE-22	Pregnancy losses in dairy cows with singleton and twin pregnancies with cavitory and non-cavitory corpora lutea	Zoltan Szelenyi Hungary	09:00-09:15
RE-23	Effect of local progesterone treatment in conditions associated with higher abortion rates in dairy cows	Kazunori Ishii Japan	09:15-09:30
RE-24	Factors affecting bovine pregnancy-associated glycoprotein (bPAG) distribution in dairy cows with confirmed Late Embryonic Death (LED).	Zdzislaw Gajewski Poland	09:30-09:45
RE-25	Effect of induced expulsion of dead fetuses on the fertility of dairy cows	Keiji Maeda Japan	09:45-10:00

10:45-12:15 Oral PresentationChairs: Otto Szenci Hungary
Kazuhiko Imakawa Japan

RE-26	Effect of clinical mastitis around the time of insemination on the fertility of grazing dairy cows	Rodolfo Luzbel De La Sota Argentina	10:45-11:00
RE-27	Milk production, cell count, reproductive performance, and survival of crossbred cows in Australia	Michael F Pyman Australia	11:00-11:15
RE-28	Relationships between Body Condition Score, milk production and reproduction in seasonally calving, pasture fed New Zealand dairy cows	Andrew Bates New Zealand	11:15-11:30
RE-29	The behaviour of Nelore cows of different ages as an indicator of efficiency in a pasturing system in the Bolivian tropic.	Atsuko Ikeda Bolivia	11:30-11:45
RE-30	Fluctuation of eating time in the dry period affects fertility parameters in subsequent lactation	Peter Hut Netherlands	11:45-12:00
RE-31	The effect of Bio-active peptides from FPP (Fermented potato protein) on reproductive and production performance in dairy cows: a field trial in on Belgian Dairy Herd	Kentaro Oka Japan	12:00-12:15



14:00-15:45 Oral Presentation

Chairs: **Octavio Campuzano** Mexico
Tadatoshi Ohtaki Japan

RE-32	Use of sexed semen in first and second lactation cows	Luis Octavio Campuzano Reyes Mexico	14:00-14:15
RE-33	Effect of a novel synchrony program including a second treatment of Prostaglandin F2α on fixed time artificial insemination results in pasture-based dairy herds	Johanna Rheinberger Australia	14:15-14:30
RE-34	A new intravaginal progesterone-releasing device from Vietnam: Plasma progesterone response after insertion and efficacy of estrus induction in cattle.	Long Thanh Su Viet Nam	14:30-14:45
RE-35	The influence of insemination timing, post enrolment in an oestrus synchronisation programme, on twin pregnancy rates in dairy cattle.	Victoria Hudson Australia	14:45-15:00
RE-36	Evaluation of Reproductive Performance of Dairy Heifers subjected to two Estrus Detection Systems and treated with two Prostaglandin Formulations	Jantijn Swinkels Netherlands	15:00-15:15
RE-37	Evaluation of an ear-attached accelerometer for detecting heat events in indoor housed dairy cows	Vanessa Schweinzer Austria	15:15-15:30
RE-38	The use of genetic selection to improve herd reproductive performance of dairy cattle in Northern Victoria, Australia	Ee Cheng Ooi Australia	15:30-15:45

Infectious Diseases: Bacteriology

Room B (Conference Hall)

08:30-09:15 Keynote Lecture

Chairs: **Walter Baumgartner** Austria
Satoko Kawaji Japan

K03 Control of epizootic mycobacterial diseases: paratuberculosis and tuberculosis

Richard Whittington
Australia

09:15-10:15 Oral Presentation

Chairs: **Walter Baumgartner** Austria
Satoko Kawaji Japan

BC-01 Dairy UK Johne's survey – winning farmer engagement

Peter Guy Orpin
UK

09:15-09:30

BC-02 Effective herd level control of paratuberculosis in beef cow herds: a 20 year history of UK national control programme

George Caldow
UK

09:30-09:45

BC-03 Evaluation of the proportion of fetal infection with Mycobacterium avium subspecies paratuberculosis based on histopathological typing of cows diagnosed with paratuberculosis

Yukiko Taniguchi
Japan

09:45-10:00

BC-04 Prostaglandin E2 suppresses immune responses in cattle with Johne's disease

Yamato Sajiki
Japan

10:00-10:15

10:45-12:30 Oral Presentation

Chairs: **Richard Whittington** Australia
Masato Akiba Japan

BC-05 The investigation of a persistent outbreak of bovine tuberculosis using a novel enhanced cattle testing programme and evaluation of environmental contamination.

Richard Sibley
UK

10:45-11:00

BC-06 Occurrence of and countermeasures against bovine salmonellosis in Hokkaido

Tomomi Masuko
Japan

11:00-11:15

BC-07 Whole-genome-based study of Salmonella Dublin in cattle and humans in Denmark

John Elmerdahl Olsen
Denmark

11:15-11:30

BC-08 The maternal microbiome plays a key role in determining the offspring's early-life microbial community of Bos taurus

Marcela L.S. Bicalho
USA

11:30-11:45

BC-09 Risk factors for Mycoplasma mastitis outbreak in Hokkaido, Japan

Yuri Fujimoto
Japan

11:45-12:00

BC-10 Rapid screening method for identification of bovine milk mycoplasmas and Acholeplasma laidlawii

Abd Al-Bar Ahmed Al-Farha
Australia

12:00-12:15

BC-11 Evaluation of a new qPCR-assay for diagnosis of bacterial infections in calves

Jorgen Katholm
Denmark

12:15-12:30

14:00-15:30 Oral Presentation

Chairs: **John Olsen** Denmark
Masato Akiba Japan

BC-12 Oral feeding with a probiotics Bacillus subtilis C-3102 modulates the immune and metabolic functions in dairy cattle, resulting in prevention of mastitis

Megumi Urakawa
Japan

14:00-14:15

BC-13 Genetic Characteristics of CTX-M-type ESBL-Producing Enterobacteriaceae Involved in Mastitis Cases on Japanese Dairy Farms, 2007 to 2011

Mamoru Ohnishi
Japan

14:15-14:30

BC-14 Associations of respiratory pathogens and the upper and lower respiratory tract microbiotas in calves with bovine respiratory disease

Elias Salem
France

14:30-14:45



BC-15	The PD-1/PD-L1 pathway contributes to the immunosuppression in bovine mycoplasmosis	Shinya Goto Japan	14:45-15:00
BC-16	Identification of multiresistant Gallibacterium anatis strains in a clinical outbreak of infectious bronchopneumonia in beef cattle	Laura Van Driessche Belgium	15:00-15:15
BC-17	The prevalence of Leptospira borgpetersenii sv Hardjo and Leptospira interrogans sv Pomona in Victorian dairy herds, 2017	Elke Erregger Australia	15:15-15:30

Infectious Diseases: Virology

Room C (Mid-sized Hall)

08:30-09:15 Keynote Lecture		Chairs: Tomas Acosta Japan Satoru Konnai Japan	
K02	Bovine leukemia virus: A major silent threat to proper immune responses in cattle	Paul Coussens USA	
09:15-10:15 Oral Presentation		Chairs: Tomas Acosta Japan Satoru Konnai Japan	
VR-01	Computer simulation of spread of Bovine Leukemia Virus in a dairy farm	Yuri Fujimoto Japan	09:15-09:30
VR-02	A cohort study on the economic loss associated with bovine leukemia virus infection in dairy production in Hokkaido, Japan	Satoshi Nakada Japan	09:30-09:45
VR-03	Risk factors associated with the introduction of BoHV1 into a herd	H.W. Frederik Waldeck Netherlands	09:45-10:00
VR-04	Probability of reintroduction of BoHV1 in the Netherlands through cattle imports	H.W. Frederik Waldeck Netherlands	10:00-10:15
10:45-12:00 Oral Presentation		Chairs: Paul Coussens USA Satoru Konnai Japan	
VR-05	Bovine respiratory syncytial virus infection enhances Pasteurella multocida adherence on respiratory epithelial cell lines	Putu Eka Sudaryatma Japan	10:45-11:00
VR-06	Towards a better understanding of the pathogenesis and transmission of Influenza D virus in cattle	Elias Salem France	11:00-11:15
VR-07	Pseudocowpox virus on dairy farms in Slovenia	Rok Marzel Slovenia	11:15-11:30
VR-08	Development of Recombinant Nucleocapsid Protein-based Enzyme-linked Immunosorbent Assay for Serological Detection of Winter Dysentery Disease	Kanokwan Singasa Thailand	11:30-11:45
VR-09	Studies on the Prevention of Bovine Papilloma Virus Infection in Dairy Cattle	Tomas J. Acosta Japan	11:45-12:00

Therapeutics and Pharmacology

Room C (Mid-sized Hall)

14:00-15:15 Oral Presentation		Chairs: Thomas Wittek Austria Takeshi Miyama Japan	
TP-01	Milk residues in lactating dairy cattle following concurrent use of veterinary medicines	Laura Young New Zealand	14:00-14:15
TP-02	Antimicrobial peptides produced by mammary gland bacteria with activity against major mastitis pathogens	Alejandro Ceballos Márquez Colombia	14:15-14:30
TP-03	Pharmacokinetics of enrofloxacin in the peripheral blood and bronchoalveolar region after single subcutaneous administration in calves	Tetsuro Kuramae Japan	14:30-14:45
TP-04	The Predictive Value of Using Antemortem Bacterial Culture and Susceptibility Testing to Determine Clinical Outcome of Bovine Respiratory Disease in Feedlot Cattle	Roger L. Saltman USA	14:45-15:00
TP-05	The influence of irrigation on transdermal absorption of flunixin meglumine in calves	Thomas Wittek Belgium	15:00-15:15

Surgery

Room D (107+108)

08:30-09:15 Keynote Lecture		Chairs: Inhyung Lee Korea Yasuho Taura Japan	
K19	Teat surgery in dairy cattle	Adrian Steiner Switzerland	



09:15-10:15 Oral Presentation

Chairs: **Inhyung Lee** Korea
Yasuho Taura Japan

SU-01	Transrectal guidance of the ovaries reduces operative time during bovine laparoscopic ovariectomy	Reiichiro Sato Japan	09:15-09:30
SU-02	Comparison of one-step laparoscopy-guided abomasopexy versus omentopexy via right flank laparotomy for the treatment of dairy cows with left displacement of the abomasum	Antonio Martins Giesteira Portugal	09:30-09:45
SU-03	Efficacy of laparoscopic abomasopexy for left displaced abomasum in late-pregnant cows	Hideo Iso Japan	09:45-10:00
SU-04	Can Interlocking Nail Stabilization be an alternative technique for long bone fractures in Calves?	Mustafa Arican Turkey	10:00-10:15

10:45-12:30 Oral Presentation

Chairs: **Rosanna Kirkwood** UK
Iso Hideo Japan

SU-05	Randomised prospective trials to study effects of reduced antibiotic usage in abdominal surgery in cows	Ruurd Jorritsma Netherlands	10:45-11:00
SU-06	Neurosurgical treatment, clinical findings and imagistic diagnosis of coenurosis cerebri in sheep.	Florin Beteg Romania	11:00-11:15
SU-07	Unilateral rostral mandibulectomy for gingival vascular hamartoma in two calves	Takeshi Tsuka Japan	11:15-11:30
SU-08	Subluxation of the Elbow in a Cow: Clinical Signs, Diagnostic Imaging, Treatment and Long-term Follow-up	David John-Alexander Llewellyn Devaux Switzerland	11:30-11:45
SU-09	Femoral head ostectomy for treatment of chronic coxofemoral luxation in a Shorthorn cow	Pierre-Yves Mulon USA	11:45-12:00
SU-10	Clinical findings and treatment outcomes of non-infectious joint disease in Japanese Black calves	Mrunmayi Naik Japan	12:00-12:15
SU-11	Substance P monitoring to quantify nociceptive responses during and after umbilical surgery in calves	Theresa Tschoner Germany	12:15-12:30

14:00-15:00 Oral Presentation

Chairs: **David Black** UK
Reiichiro Sato Japan

SU-12	Influence of metamizole on nociception in calves undergoing inhalation anesthesia for umbilical surgery	Moritz Metzner Germany	14:00-14:15
SU-13	Post-operative complications after elective caesarean sections in Belgian Blue cattle, performed in a clinical setting.	Maya Meesters Belgium	14:15-14:30
SU-14	Use of Blood L-Lactate as a Prognosis Factor for the management of surgical Digestive Disorders in cattle.	Casalta Helene Belgium	14:30-14:45
SU-15	Case report: Correction of carpal angular deformities with closing wedge osteotomy in goat	Jana Smidkova Czech Republic	14:45-15:00

Organic and Sustainable Production Systems **Room D (107+108)**

15:00-15:45 Oral Presentation

Chairs: **Luis Poo** Chile
Megumi Itoh Japan

SP-01	Characteristics of liquid organic fertilizer from Bali cattle's urine using decomposer and different fermentation time	Muhammad Irfan Said Indonesia	15:00-15:15
SP-02	Large scale dairy conversion to organic farming: the veterinarian's role	Mark Bryan New Zealand	15:15-15:30
SP-03	Farmer Action Groups- A participatory approach to instigating change on farms	Lisa Chloe Morgans UK	15:30-15:45

Buffaloes, Camelids and Wild Ruminants **Room E (Small Hall)**

08:30-09:15 Keynote Lecture

Chairs: **Bhuminand Devkota** Nepal
Mitsuhiro Takagi Japan

K20	Management of Production and Health of Water Buffaloes	Mohammed Shamsuddin Austria	
------------	--	---------------------------------------	--

09:15-10:15 Oral Presentation

Chairs: **Bhuminand Devkota** Nepal
Mitsuhiro Takagi Japan

BU-01	Stress responses of alpacas using different methods of restraint and shearing	Thomas Wittek Austria	09:15-09:30
--------------	---	---------------------------------	--------------------



BU-02	Mycobacterium avium spp. paratuberculosis in new world camelids in Austria	Thomas Wittek Austria	09:30-09:45
BU-03	Pathological investigation of trachea and lungs of buffaloes in Gazipur district of Bangladesh	Mohammad Golam Haider Bangladesh	09:45-10:00
BU-04	Clinical Investigation on Impact of Dry Therapy on Bovine Mastitis, Milk Somatic Cell Count and Milk Yield in Buffaloes	Baljinder Kumar Bansal India	10:00-10:15
10:45-11:30 Oral Presentation		Chairs: Mohammad Haider Bangladesh Mitsuhiro Takagi Japan	
BU-05	Factors Affecting the Efficacy of Timed Artificial Insemination Protocols in Nepalese Buffaloes	Bhuminand Devkota Nepal	10:45-11:00
BU-06	Evaluation of cross reaction between alpha herpesvirus types 1 and 5 in buffalos herds at São Paulo state, Bbrazil	Liria Hiromi Okuda Brazil	11:00-11:15
BU-07	Meat quality of buffalo meat and Bali beef rubbed with smoke flour and aged at different time	Effendi Abustam Indonesia	11:15-11:30

Japanese Black Cattle (Wagyu)

Room E (Small Hall)

11:30-12:00 Oral Presentation

Chairs: Baljinder Bansal India
Mitsuhiro Takagi Japan

JB-01	Evaluation of fecal pH for metabolic acidosis caused by diarrhea in Japanese Black Calves	Shoichi Okada Japan	11:30-11:45
JB-02	A case of cranium bifidum with meningocele in Japanese Black calf	Eri Kaneda Japan	11:45-12:00

E-learning and Continuing Education

Room E (Small Hall)

14:00-15:00 Keynote Lecture

Chairs: Charlotte Kroeger Germany
Hisashi Mizutani Japan

K23	E-learning and continuing education	Peter D. Constable USA	
15:00-15:30 Oral Presentation		Chairs: Charlotte Kroeger Germany Hisashi Mizutani Japan	
EL-01	Examples for E-learning tools to improve and widen farm animal veterinary education	Wendela Wapenaar UK	15:00-15:15
EL-02	Technical rescue of ruminants within Establishment of safer animal rescue capacity Erasmus+ KA2 project	Joze Staric Slovenia	15:15-15:30

Workshop 9

The Yagura.
A simulation game to identify factors limiting team work during emergency animal disease outbreak response.

Room F (201+202)

08:30-10:15

WS9-1	Introduction	Tetsuya Horikita Japan	08:30-09:15
WS9-2	A card-simulation game	Tetsuya Horikita Japan	09:15-09:45
WS9-3	Feedback and share	Tetsuya Horikita Japan	09:45-10:15



Day 1 - Wednesday, Aug. 29

8:30-16:30

BVD

Meeting Room 204

BV-P01	Determination of the fetal protection in pregnant heifers challenged with bovine viral diarrhoea type 1 virus twelve months after one administration of a live-attenuated vaccine	Damien Achard France
BV-P02	Prevalence of positive animals for Bovine Viral Diarrhoea Virus (BVDV) destined to exportation from Brazil to Turkey	Viviani Gomes Brazil
BV-P03	Clinical Problems, Production Efficacy and Reproduction Efficacy in a Holstein Heifers and Cows Persistently Infected with Bovine Viral Diarrhoea Virus	Viviani Gomes Brazil
BV-P04	Innate and Humoral Immune Response in heifers and cows persistently Infected with Bovine Viral Diarrhoea Virus	Viviani Gomes Brazil
BV-P05	Effect of BVDV and IBRV co-infection on virus replication and MDBK cells apoptosis	Zhanbo Zhu China
BV-P06	Study of cross reactions between members of Flaviviridae Family: Hepacivirus and BVDV. Preliminary Data	Edviges Maristela Pituco Brazil
BV-P07	Risk factors associated with the introduction of BVDV into a herd	Linda Van Duijn Netherlands
BV-P08	Epidemiologic survey and genetic analysis of bovine viral diarrhoea virus (BVDV) type 1 in dairy herds of China	Mingliang Deng China
BV-P09	Bovine viral diarrhoea virus infection in Korean native goats	Kyoung-Seong Choi Korea
BV-P10	Comparative serology to subgenotypes BDV-1a and -1b in Italian dairy cattle operations	Sandro Cavirani Italy
BV-P11	Pathological outcomes observed in lambs born to ewes experimentally infected with BVDV-1c between 59 and 69 days of gestation	Caitlin Alexandra Evans Australia
BV-P12	Acute BVDV infections in Australian alpacas	Caitlin Alexandra Evans Australia
BV-P13	Update on the epidemiology of bovine viral diarrhoea virus (BVDV) in Argentina: revising intervention strategies	Andrea Pecora Argentina
BV-P14	Determination of antibodies by exposure to Bovine Viral Diarrhoea Virus in Mexican cattle without vaccination	Susana Juarez Reyes Mexico
BV-P15	Genetic diversity of Bovine Viral Diarrhoea Virus and vaccine efficacy	Mirosław Paweł Polak Poland
BV-P16	Trends in detection of BVD virus in ear notch samples from aborted foetuses during the Irish BVD eradication programme	David Andrew Graham UK
BV-P17	Investigation of the potential for sera from cattle persistently infected with bovine viral diarrhoea virus (BVDV) to generate false-negative antibody results by indirect and competitive ELISA when included in serum pools containing varying proportions of seropositive and seronegative cattle	David Andrew Graham UK
BV-P18	First ever commercially available vaccine against BDV targeted to immune system cells	Demian Bellido Argentina
BV-P19	Rapid detection of Bovine Viral Diarrhoea Virus on ear notches: European validation of a new immunochromatographic test	Stephane Guilloseau France

Diagnostic Imaging

Meeting Room 204

DI-P01	The Use of Diagnostic Techniques in Calves with Septic Arthritis – A Retrospective Study	Mustafa Arican Turkey
DI-P02	Non typical MRI from bovine brain abscess with two different anaerobic bacteria Infections	Takehiko Kakizaki Japan

Small Ruminants

Meeting Room 204

SR-P01	Occurrence of the main viral agents that cause respiratory diseases in sheep in the State of São Paulo and Rio de Janeiro - Brazil	Lilian Gregory Brazil
SR-P02	Schmallenberg virus antibodies surveillance in bulk milk samples in Portugal	Fernando Esteves Portugal



WBC2018 Sapporo: Poster Presentation

Day 1 (Wednesday, Aug. 29)-2

SR-P03	Surveillance of Bluetongue virus circulation in sheep herds of Portugal	Fernando Esteves Portugal
SR-P04	Phenotypic antibiotic resistance pattern and presence of mecA in Staphylococcus aureus isolated from caprine mastitis	Dhiraj Kumar Gupta India
SR-P05	Observational study on a novel management system involving 10 lambings per year in one high-yield dairy ewe farm	Juan-Vicente Gonzalez-Martin Spain
SR-P06	Effects of maternal factors on the metabolic profile throughout pregnancy in dairy sheep	Juan Vicente Gonzalez Martin Spain
SR-P07	Seasonal lambing distribution of the Romanov breed in northwestern Croatia during five consecutive years	Marko Samardzija Croatia
SR-P08	Expert knowledge elicitation for ranking hazards affecting dairy goat welfare in Italian farms	Giorgio Zanardi Italy
SR-P09	Dermatoparasitosis in lambs	Melina Marie Yasuoka Brazil
SR-P10	Effect of organic selenium and zinc methionine on feedlot and carcass traits of hair sheep	Miguel Angel Gastelum Mexico
SR-P11	Ovarian Doppler ultrasonography in Santa Inês ewes superovulated with different doses of exogenous FSH	Wilton Ricardo Russiano Vicente Brazil
SR-P12	Effect of follicular status at the time of estrus synchronization upon estrus response and time to ovulation in anestrus goats	Rafael Rodriguez-Martinez Mexico
SR-P13	Effect of the use of half or complete intravaginal sponges impregnated with medroxyprogesterone upon the induction of estrus and ovulation in Dorper ewes during the anestrus season	Gerardo Arellano Rodriguez Mexico
SR-P14	Effect of varying concentrations of egg yolk in cryopreservation of Gaddi goat semen	Amit Sharma India

Young Stock

Meeting Room 204

YS-P01	Preliminary investigation on the effect of milk replacer reconstitution rate and crude protein content on abomasal emptying rate	Emer Kennedy Ireland
YS-P02	A welfare assurance programme for dairy calves in New Zealand	Mark Bryan New Zealand
YS-P03	Study on Formation and Utilisation of FMR(Fermented Milk Replacer) for Calf Feeding	Fumi Kayasaki Japan
YS-P04	Capsular antigen type determination of P.multocida isolated from calves in Serbia	Natalija Fratric Serbia
YS-P05	Risk factors, assessment and outcome of failure of passive transfer of immunity in crossbred cattle calves	Sikh Tejinder Singh India
YS-P06	Influence of metaphylactic use of antimicrobials on systemic inflammatory profile in Holstein calves during the first month of life	Viviani Gomes Brazil
YS-P07	The Influence of the lunar cycle on haemorrhagic complications in castration of young bulls	Tomaz Cigler Slovenia
YS-P08	Neonatal calves form abomasal curds after first ingestion of first-milking colostrum for efficient absorption of immunoglobulin G	Tamako Miyazaki Japan
YS-P09	Longitudinal study on the effects of calf BRD on growth and productivity in Holstein-Friesian cattle	Sophie Anne Mahendran UK
YS-P10	Development of a novel carcass autolysis scale (CAS) for use in cases of bovine perinatal mortality.	Dawid Krol Poland

Nutrition and Metabolic Diseases

Meeting Room 206

NU-P01	Non-invasive blood calcium measurements using electrocardiography in postpartum Jersey cows	Megumi Itoh Japan
NU-P02	Continuous monitoring of ruminal pH and changes in blood metabolic parameters in subacute ruminal acidosis cows	Marika Maeda Japan
NU-P03	The relationship between the concentration of selenium in the blood and the herd health in the Czech Republic	Josef Illek Czech Republic



NU-P04	Selenium Deficiency in beef and dairy calves	Josef Illek Czech Republic
NU-P05	Isoflupredone acetate (Predef® 2X) induces hypertension, hypernatremia, hypokalemia, kaliuresis, alkalemia, sodium retention, and plasma volume expansion in lactating dairy cows	Peter Constable USA
NU-P06	Effects of dexamethasone and insulin alone or in combination on energy and protein metabolism, reproduction and milk production in dairy cows in early lactation	Mehrdad Sami Iran
NU-P07	Changes in the behaviour responses of beef cattle with experimental subacute ruminal acidosis (SARA)	Enrico Lippi Ortolani Brazil
NU-P08	Colostrum characteristics in cows treated with cabergoline at dry-off	A. Aris France
NU-P09	Dynamics of dry-off method on cure rate and new intramammary Infections in the dry period in the Netherlands	A. I. De Prado-Taranilla France
NU-P10	Non-steroid anti-inflammatory drugs in the treatment of acute laminitis induced by oligofrutose in Nellore cattle	Enrico Lippi Ortolani Brazil
NU-P11	Diagnosis of metabolic disorders in transitional dairy cows based on changes in characteristic blood biochemical indicators	Radojica Djokovic Serbia
NU-P12	The correlations between serum enzyme activities in blood and milk in the different stage of lactation in Holstein dairy cows	Radojica Djokovic Serbia
NU-P13	Metabolic monitoring of German Simmental cows during early lactation based on milk infrared spectroscopy	Stefan Plattner Germany
NU-P14	An Innovative Management Approach to Ketosis Treatment in Dairy Cattle	Maggie Williamson Canada
NU-P15	Energy profile in relation to number of lactation in dairy cows	Gabriel Kovac Slovakia
NU-P16	Blood n-3 fatty acid concentration and metabolic responses of dairy cows fed perilla seed oil extract during the transition period	Chikako Yoshida Japan
NU-P17	Utilization of prepartal total cholesterol and triglyceride concentration as indicators for predicting postpartum metabolic diseases in dairy cows	Younghye Ro Korea
NU-P18	Incidence of subclinical and clinical ketosis in grazing dairy cattle in Colombia	Olimpo Oliver-Espinosa Colombia
NU-P19	Comparative study on different field test of Subclinical and Clinical Ketosis by using blood, milk and urine in Dairy cattle	Yongil Cho Korea
NU-P20	Metabolic profile and survey of bovine reproductive conditions in communal farms of Ngaka Modiri Molema District of the North West Province in South Africa	Keitiretse Molefe South Africa
NU-P21	NEFA and beta-hydroxybutyrate in dairy cows with claw diseases	Pavol Mudron Slovakia
NU-P22	Effect of one- or two-phase dry cow feeding on dry matter intake, milk yield and animal health in German Holstein Cows	Martina Hoedemaker Germany
NU-P23	Prevalence of Subclinical Ketosis and Production Diseases during Early Lactation in Dairy Cows in Central and South America, Africa, Asia, Australia, New Zealand and Eastern Europe	Nikolaus Brunner Germany
NU-P24	Effect of injectable supplementation with copper and zinc on weight, hematological parameters and immune response in pre-weaning beef calves	Juan Rodriguez Persico Argentina
NU-P25	Copper and Zinc Parenteral Supplementation in Pre-weaning Calves	Juan Rodriguez Persico Argentina
NU-P26	Effects of oral calcium formate supplementation in peripartum dairy cows	Eduardo Eiti Ichikawa Brazil
NU-P27	Impact of Management Practices on blood calcium levels in dairy cows at dry off – results from France and Denmark	Kaspar Krogh Denmark
NU-P28	Influence of the placental parathyroid hormone-related protein for parturient disorders in dairy cows.	Kei Kazama Japan
NU-P29	Post-partum calcium levels in pure Holsteins and crossbred dairy cows after Vitamin D injection	George Stilwell Portugal



Udder Health and Milk Quality

Meeting Room 207

UH-P01	Effects of sampling volume of foremilk for the evaluation of somatic cell counts and bacterial counts	Nana Kitano Japan
UH-P02	Udder disinfection and milking machine cleaning on large Holstein-Friesian farms	Laszlo Ozsvari Hungary
UH-P03	Evaluating the in vitro susceptibility of mastitis associated catalase-negative, esculin hydrolyzing cocci in Austrian dairy herds	Regina Wald Austria
UH-P04	Antibiotic sensitivity of Clinical and Subclinical Mastitis Pathogens in Turkey	Dogus Palavan Ozkan Turkey
UH-P05	Antimicrobial susceptibility trends for strains derived from bovine mastitic milk in Japan	Kazuhiro Kawai Japan
UH-P06	Bacterial identification and antimicrobial susceptibility of microorganisms isolated in goat milk	Rachel Rios Lacerda Brazil
UH-P07	Randomized clinical trial to evaluate the effectiveness of enrofloxacin as a second-line antibiotic for treatment of acute Escherichia coli mastitis	Yasunori Shinozuka Japan
UH-P08	Evaluation of a herbal therapy in bovine subclinical mastitis: A clinical assessment	Dhiraj Kumar Gupta India
UH-P09	Application of Novel Biosurfactant, Mannosylerythriol lipid-B, for improving the bovine mastitis.	Shuhei Yamamoto Japan
UH-P10	Effect of combination treatment of refractory chronic mastitis in the dairy cow, using intramammary perfusion with hypertonic saline solution followed by short-term dry-off	Masato Kikuchi Japan
UH-P11	The use of Cabergoline as a strategy for the prevention of new intramammary infections during the dry period and clinical mastitis after calving	A. I. De Prado-Taranilla France
UH-P12	Cabergoline as a tool to reduce the incidence of milk leakage. Results in Russian farms	A. I. De Prado-Taranilla France
UH-P13	Cabergoline treatment at dry-off facilitated the remodelling and the lactoferrin immunoprotection of the mammary tissue in dairy cows.	M. Boutinaud France
UH-P14	Cabergoline treatment at dry-off accelerated mammary involution as indicated by mammary secretion composition changes in dairy cows.	M Boutinaud France
UH-P15	Presence of milk leakage on days following dry-off increased the risk of clinical mastitis and new intramammary infections at calving in commercial dairy herds around Europe	A. I. De Prado-Taranilla France
UH-P16	The efficacy of Tylosin injection for treating subclinical SA mastitis in dry cow therapy	Yosuke Hamajima Japan
UH-P17	Determination of the presence of Salmonella spp. in milk samples from two dairy herds located in the Sabana de Bogota-Colombia	Rubiela Castaneda-Salazar Colombia
UH-P18	Evaluation of the distribution of drug residues in different dairy products during the cheese production process	Giorgio Zanardi Italy
UH-P19	An Observational Cohort Study on Persistency of an Internal Teat Sealant Residue in Milk after Calving in Dairy Cows	Fidele Kabera Canada
UH-P20	Effect of gamma irradiation treatment of freeze-drying colostrum on colostrum bacteriology and immunoglobulin G concentrations	Kichan Lee Korea
UH-P21	Effects of dietary clinoptilolite supplementation on udder health and chemical composition of milk in dairy cows over two consecutive years	Marko Samardzija Croatia
UH-P22	Regional Attempts to Enhance Milk Quality Through Introducing Management of HACCP in Milk Production in Shibecha Town, Hokkaido	Manabu Kubota Japan
UH-P23	Case Report: Field experience with a polyvalent mastitis vaccine in a commercial dairy farm infected with Klebsiella	Jae Choi Korea
UH-P24	The effect of vaccination on bacterial count, somatic cell score, milk yield and vaginal temperature following experimental Escherichia coli mastitis	Scott Nordstrom Belgium
UH-P25	Immune response during onset of coliform mastitis in vaccinated dairy cows	Yasuha Kondo Japan
UH-P26	Influence of Bovine Leukemia Virus infection on clinical mastitis	Aiko Watanabe Japan



WBC2018 Sapporo: Poster Presentation

Day 1 (Wednesday, Aug. 29)-5

UH-P27	Improving mastitis diagnosis of presumptive <i>Streptococcus uberis</i> isolates applying 16S rRNA gene sequencing	Regina Wald Austria
UH-P28	A diagnostic tool for the detection and quantification of pathogenic bacteria in bovine milk samples from dairy farms in South Korea	Jae Choi Korea
UH-P29	Usefulness of matrix-assisted laser desorption ionization-time of flight mass spectrometry (MALDI-TOF MS) for the identification of non-aureus staphylococci isolated from bovine intramammary gland infections in Poland	Jaroslav Krol Poland
UH-P30	Validation of prediction algorithms for early detection of clinical mastitis caused by Gram-positive and Gram-negative pathogens	Nicole Steele USA
UH-P31	Ability of milk electrical conductivity and the sodium, potassium, and calcium concentrations measured by hand-held instruments to diagnose subclinical mastitis at dry-off in dairy cattle	Ameer Ahmed Megahed USA
UH-P32	Predicting the infection status of the bovine mammary gland at the end of lactation using RMT and electrical conductivity	Scott Mcdougall New Zealand
UH-P33	Exfoliation rate of mammary epithelial cells into milk on bovine mastitis caused by <i>Staphylococcus aureus</i> is associated with bacterial load	Tomohito Hayashi Japan
UH-P34	Risk factors associated to Capsular Type II <i>Streptococcus agalactiae</i> isolated from bulk tank milk in Western Colombia	Alejandro Ceballos-Márquez Colombia
UH-P35	Difference in transmission between <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> causing bovine mastitis by molecular epidemiological analyses	Nobuyuki Kusaba Japan
UH-P36	Coagulase negative staphylococci may act as a protection factor against <i>Streptococcus agalactiae</i> udder infections	Alejandro Ceballos-Márquez Colombia
UH-P37	Genetic and phenotypic diversity of <i>Staphylococcus haemolyticus</i> isolated from intramammary gland infections in cows	Jaroslav Krol Poland
UH-P38	Physiological and pathological alterations of the mammary gland of Holstein cows in the transition period	Viviani Gomes Brazil

Day 2 - Thursday, Aug. 30

8:30-16:30

Anti-Microbial Resistance

Meeting Room 204

AR-P01	Production animal antimicrobial use in New Zealand	Mark Bryan New Zealand
AR-P02	Reduction in antimicrobial usage following veterinary intervention in dairy herds	Scott Mcdougall New Zealand
AR-P03	Validating the use of overboot environmental sampling compared to individual cow faecal sampling to monitor antimicrobial resistance prevalence on dairy farms.	Andrea Turner UK
AR-P04	Formulating antimicrobial reduction strategies using farmer-led Participatory Development	Mark Bryan New Zealand
AR-P05	Monitoring animal welfare and antimicrobial use in calf rearing units in Finland 2017	Erja Tuunainen Finland
AR-P06	Investigation of antibiotics uses in dairy farms in Chiba Prefecture for a national action plan on antimicrobial resistance	Takuma Okabe Japan
AR-P07	Antimicrobial susceptibility of <i>Histophilus somni</i> isolated from diseased and clinically normal cattle and sheep.	Yuichi Ueno Japan
AR-P08	Phenotypic susceptibility of <i>Streptococcus uberis</i> to selected veterinary and human antimicrobial agents	Regina Wald Austria
AR-P09	Antimicrobial susceptibility of pathogens isolated from cows with clinical mastitis across Germany	Stephanie Rief Germany
AR-P10	Antimicrobial susceptibility of bovine respiratory pathogens in Germany: Enrofloxacin resistance monitoring 2007-2017	Stephanie Rief Germany
AR-P11	Penicillin Resistance of <i>Streptococcus agalactiae</i> isolated from bovine milk in Colombia	Alejandro Ceballos-Márquez Colombia
AR-P12	Random Amplification Polymorphic DNA analysis of genome diversity and antimicrobial resistance in <i>Streptococcus dysgalactiae</i> isolated from bovine mastitis in China	Shiyao Zhang China
AR-P13	Detection of polymyxin B-resistant <i>Escherichia coli</i> carrying MCR-1 gene in beef cattles in Heilongjiang Province, China	Zhanbo Zhu China



AR-P14	Antimicrobial Resistance in Diarrheic Calves: Actual Status in southern Chile	Enrique Paredes-Herbach Chile
---------------	---	----------------------------------

Bovine Welfare and Cattle Comfort

Meeting Room 204

WE-P01	Tail damage in dairy cattle in New Zealand	Mark Bryan New Zealand
WE-P02	Usefulness of human-conditioned sorting behavior in dairy cows for farm supplementation trials	Pedro Melendez USA
WE-P03	How do veterinary, advisory and farmer perceptions of the causes of poor welfare in a pasture-based dairy industry differ?	John F Mee Ireland
WE-P04	Influence of the analgesic effect of carprofen administrated to heifers in the postpartum period on animal welfare and milk production	Krzysztof Rypula Poland
WE-P05	The use of cabergoline at dry-off reduced the udder pressure in commercial dairy herds around Europe	A. I. De Prado-Taranilla France
WE-P06	A pilot study into the use of metabolomics to identify biomarkers for the assessment of pain in calves following disbudding	Jonathan Statham UK

Clinical Genetics

Meeting Room 204

CG-P01	Evaluation of DNA chip card kit for Bovine Respiratory Disease Complex (BRDC)	Yi Zhe Yin Japan
---------------	---	---------------------

Emerging Diseases

Meeting Room 204

ED-P01	Monitoring of Schmallenberg virus antibodies in sentinel herds of Portugal	Fernando Esteves Portugal
ED-P02	Pathogenicity and teratogenicity of Schmallenberg and Akabane viruses in the embryonated chicken egg model	John F Mee Ireland
ED-P03	First evidence of significant re-emergence and re-circulation of Schmallenberg virus in previously exposed dairy herds in Ireland	John F Mee Ireland
ED-P04	Selected vector born zoonoses in grazing cattle in Slovenia	Joze Staric Slovenia
ED-P05	Culicoides species composition and abundance in relation to emerging arboviral diseases: bluetongue and Schmallenberg	John F Mee Ireland

Herd Health Management

Meeting Room 204

HH-P01	Process related information management in 'Precision Dairy Farming'	Erika Gusterer Austria
HH-P02	Characterizing the relationship between rumination time and peripartum disease events in pastured Australian dairy cattle using an automated health monitoring system.	Alexander J Crosbie Australia
HH-P03	Development of a new on-farm test system for determining blood non-esterified fatty acid and β -hydroxybutyrate levels	Rika Fukumori Japan
HH-P04	A novel application for remote disease detection systems in lot fed cattle: a case report on acutely acidotic steers in a south east Australian feedlot	Nina Matsumoto Australia
HH-P05	Early Detection of Bovine Respiratory Disease (BRD) in Feedlot Cattle through Wearable Sensor Technology	Roger L. Saltman USA
HH-P06	Biosecurity in the introduction of new animals in dairy herds: A focus for mammary Mycoplasmosis	Helio Langoni Brazil
HH-P07	Management of lactational mastitis in dairy herds from western Colombia	Alejandro Ceballos-Márquez Colombia
HH-P08	Utilization of meat inspection data in detecting Mycoplasma bovis - positive dairy farms	Vera Haapala Finland
HH-P09	Variability in dry-off practices – results from France and Denmark	Kaspar Krogh Denmark
HH-P10	Comparison of 3 navel dip products on prevention of navel umbilical inflammation	Daniela Resende Bruno USA



HH-P11	Digestive disorders of dairy cow death: A retrospective study in a large dairy farm	Tai-Young Hur Korea
HH-P12	Genomic Predictions to Improve Wellness in Holstein Cattle	Frederico Siburg-Moreira USA
HH-P13	Wellness Trait Genomic Predictions Effectively Identify Holstein Animals with Greater Genetic Risk for Transition Health Events	Frederico Siburg-Moreira USA
HH-P14	Estimating the lifetime total economic costs of respiratory disease in beef and dairy calves in the UK	David Bartram UK
HH-P15	Assessing immune capacity of dairy heifers in a pasture-based production system	Josh Aleri Australia
HH-P16	Monitoring synergy between neonatal diarrhea and pneumonia vaccination in heifer's health and growth until weaning.	Carbonell Carlos Spain
HH-P17	Combined use of intranasal bovine rhinotracheitis and parainfluenza 3 vaccination and tulathromycin for the prevention of respiratory infections in calves arriving at a high-risk herd	Keiichi Matsuda Japan
HH-P18	The optimal replacement policies for Thai dairy cows	Chaidate Inchairi Thailand
HH-P19	Usefulness of veterinary services in the agricultural insurance scheme in cattle farms: A case report in Japan	Mizuho Uematsu Japan

Infectious Diseases: Parasitology

Meeting Room 206

PA-P01	Besnoitiosis as an emerging and exotic disease – new clinical features in breeding bulls	George Stilwell Portugal
PA-P02	Effect of population size in livestock neosporosis - a seroprevalence study in bulk milk samples in the north and centre of Portugal	Helena Vala Portugal
PA-P03	Changes over time in Eimeria oocyst excretion in dairy cattle before and after parturition and the underlying factors	Keisuke Oku Japan
PA-P04	Effects of Lasalocid addition in diet for the control of Eimeria spp. parasitism in naturally infected Nelore calves in tropical area of Brazil.	Frederico Moreira USA
PA-P05	Evaluation of metaphylactic efficacy and safety of Diclazuril 0.25% (w/w) oral suspension against coccidiosis in calves exposed to natural infection. A clinical field trial in Japan.	Masaya Naito Japan
PA-P06	Prevention of bloody diarrhea caused by coccidiosis in beef calves using toltrazuril 5%	Eduardo Eiti Ichikawa Brazil
PA-P07	Evaluation of treatment efficacy and safety of Diclazuril 0.25% (w/w) oral suspension against coccidiosis in calves exposed to natural infection. A clinical field trial in Japan.	Masaya Naito Japan
PA-P08	The influence of Geographical Indication disciplinaries on parasitic burden and epidemiology.	Luc Durel France
PA-P09	Presence of Ostertagia ostertagi antibodies in bulk tank milk (BTM) from dairy cattle herds in the Central Eastern region of Poland – preliminary study	Krzysztof Rypula Poland
PA-P10	Prevalence of gastro-intestinal parasitic infections in Leizhou Black Goats of China	Kai Wang China
PA-P11	Pharmacokinetics of eprinomectin in lactating ewes following administration of a subcutaneous formulation of eprinomectin	Damien Achard France
PA-P12	Efficacy of an exclusive doramectin 1% formulation on the weight gain of Nelore heifers raised in pasture compared to other commercial products	Eduardo Eiti Ichikawa Brazil
PA-P13	Anthelmintic efficacy of oral trichlorfon 97% against cattle gastrointestinal nematodes in feedlot	Eduardo Eiti Ichikawa Brazil
PA-P14	Molecular detection of tick-borne pathogens in Holstein cattle in the Republic of Korea	Kyoung-Seong Choi Korea
PA-P15	A survey of bovine Chorioptic mange in Japan	Shin-Ichiro Fukumoto Japan
PA-P16	Insecticide efficacy of a new 1% fipronil- based Pour-on formulation against horn fly (Haematobia irritans) in Brazil.	Luc Durel France
PA-P17	Strategic control of Rhipicephalus microplus with topical Fluazuron and systemic macrocyclic lactones reduces environmental and animal infestation in pasture-raised Angus heifers.	Paulo Loureiro USA



WBC2018 Sapporo: Poster Presentation

Day 2 (Thursday, Aug. 30) -8

PA-P18	Efficacy of a new 2% eprinomectin-based injectable formulation on experimental infestation by <i>Rhipicephalus (Boophilus) microplus</i> in cattle.	Luc Durel France
PA-P19	Efficacy of a new 2% eprinomectin-based injectable formulation against <i>Rhipicephalus (Boophilus) microplus</i> in cattle under field conditions in Brazil .	Luc Durel France
PA-P20	Efficacy of a new 1% fipronil- based pour-on formulation against <i>Rhipicephalus (Boophilus) microplus</i> in cattle under field conditions in Brazil .	Luc Durel France
PA-P21	Bovine Neosporosis in Chile: Pathology and Epidemiology	Enrique Paredes-Herbach Chile

Internal Medicine

Meeting Room 206

IM-P01	Retrospective evaluation of clinical outcomes among cattle evaluated with a computer-aided lung auscultation system at the time of bovine respiratory disease diagnosis	S Torres Mexico
IM-P02	Clinical case study of four calves with wheezing	Toshihiro Ichijo Japan
IM-P03	Potential application of pulse oximetry for diagnosing bovine respiratory disease	Kenji Iwase Japan
IM-P04	Effect of Fecal microbiota transplantation to refractory diarrhea in calf	Yu Matsuura Japan
IM-P05	A case of Hepatic fibrosis accompanied with biliary abnormalities in Holstein calf	Masashi Morishita Japan
IM-P06	Effect of Prevention about Ivermectin on <i>Theileria orientalis</i> Infection in Grazing Cows	Joon-Seok Chae Korea
IM-P07	Relationship between Thymus Thickness and Physical Features in the Healthy Holstein Calves	Hirokichi Ohtsuka Japan
IM-P08	Hypocalcemia and acetonemia are highly correlated in dairy cows until the fourth lactation, then the table turns	Peter Hut Netherlands
IM-P09	Sense of sensors: several behavioral parameters in the dry period are associated with calcium concentrations within 48h post partum	Peter Hut Netherlands
IM-P10	Effects of different dosages of propylene glycol in cows according to calving	Thomas Wittek Austria
IM-P11	Serum potassium disorders in hospitalized calves under 6 months of age	Olimpo Oliver-Espinosa Colombia
IM-P12	Right-side displacement of the abomasum in an adult zebu bull	Carlos Vladimir Herrera-Luna Colombia
IM-P13	Keratoconjunctivitis by <i>Mycoplasma agalactiae</i> in a young goat – case report	Lilian Gregory Brazil

Organic and Sustainable Production Systems

Meeting Room 206

SP-P01	Cattle reproductive performance in different production systems in North Spain	Marta Miranda Spain
SP-P02	Evaluation of trace element status of organic dairy cattle	Marta Lopez-Alonso Spain
SP-P03	Dairy cow nutrition in organic farming systems	Marta Miranda Spain
SP-P04	Simulation models for the evaluation of the carbon footprint of alternative production systems to the traditional cow-calf system	Pablo Pinedo USA

Public Health and Food Safety

Meeting Room 207

PH-P01	Regulatory and Non-regulatory Tissue Residue Levels for Feedlot Cattle Fed Ractopamine with Terminal Withdrawal Times of 12 Hours, 2, 4 and 7 Days	Roger L. Saltman USA
PH-P02	Effects of Different Ractopamine Withdrawal Periods Pre-harvest on the Performance and Carcass Merit of Yearling Steers	Roger L. Saltman USA
PH-P03	Detection method of diclofenac sodium residues in bovine edible tissues	Jian-Yong Li China



WBC2018 Sapporo: Poster Presentation

Day 2 (Thursday, Aug. 30)-9

PH-P04	Perception, attitude and demeanour about biosecurity by dairy farmers in Chile	Pedro Melendez USA
PH-P05	Patho-anatomical changes in organs determined during bovine post-mortem examinations in the Czech Republic	Vladimir Vecerek Czech Republic
PH-P06	Musculoskeletal system findings in cattle slaughtered in the Czech Republic	Eva Voslarova Czech Republic

Reproductive Technology **Meeting Room 207**

RT-P01	Influence of Genotype, Diluents and Storage Time on Bovine Semen Characteristics Stored at 5 o C in Nigeria	Hassan Mohammed Mai Nigeria
RT-P02	Objective high-throughput measurement of bovine spermatozoa motility	Jonathan Statham UK

Toxicology **Meeting Room 207**

TX-P01	Cyanogenic toxicosis in cattle: clinical case in Mexico	Miguel Angel Quiroz Mexico
TX-P02	Solanum linnaeanum (Apple of Sodom) toxicity.	Michael William Reynolds Australia
TX-P03	Aspergillus flavus and aflatoxins in dairy food chain	Raul Ortiz-Martinez Mexico
TX-P04	Fumonisin and Aflatoxins contamination in Mexican corn (Zea Mays L.)	Quiroz Miguel Mexico

Tropical Animal Diseases **Meeting Room 207**

TD-P01	Complex bovine parasitic sadness in the state of Rondônia North of Brazil: case report	Bruno Mendonca Ribeiro Brazil
TD-P02	Relationship between feeding management for milking cows and dairy farming productivity, especially of nutritious status of cattle and daily milk yield in Mbarara, Uganda	Takeshi Miyama Japan

Miscellaneous Topics **Meeting Room 207**

MT-P01	Determination of reproduction and lactation parameters in the first production year of Brown Swiss and Simmental cattle	Zeynep Kucuk Baykan Turkey
MT-P02	Alterations in molecular status of fibronectin associated with perinatal mortality in dairy cattle	Paulina Jawor Poland
MT-P03	Bilateral convergent strabismus with exophthalmus (BCSE) in a cross breed Iraqi cow	Karima Akool Al Salihi Iraq
MT-P04	Lesion profilings of cell lines persistent with BSE in transgenic mice	Taeyoung Suh Korea
MT-P05	The Effects of Ractopamine Hydrochloride on Finishing Performance, Carcass Characteristics, and Economic Returns of Feedlot Heifers in the United States	Roger L. Saltman USA
MT-P06	Congenital diplomyelia and hydromyelia in two calves	Peter Hut Netherlands

Day 3 - Friday, Aug. 31 **8:30-16:30**

Buffaloes, Camelids and Wild Ruminants **Meeting Room 204**

BU-P01	Molecular detection of Babesia sp. in buffalos (bubalus bubalis) from Santarém, Amazon, Brazil	Antonio Humberto Hamad Minervino Brazil
--------	--	--

E-learning and Continuing Education **Meeting Room 204**

EL-P01	BioAwareism	Michael Bolton USA
--------	-------------	-----------------------

**Epidemiology****Meeting Room 204**

EP-P01	Investigation of Brucella abortus infection in a Thai dairy herd	Thanasak Boonserm Thailand
EP-P02	Association of farm location, time and other risk factors on FMD outbreak in a high density area of dairy cow population	Chaidate Inchai Thailand
EP-P03	Presence of antibodies against BVDV, BHV-1 and Coxiella burnetii in dairy cattle farms on eastern region of Poland – preliminary epidemiological study	Krzysztof Rypula Poland
EP-P04	Issues to be known from questionnaires for farmers on bovine leukemia.	Makoto Kajisa Japan
EP-P05	Look past 'p-values' to the Confidence Intervals - to guide you as an evidence-based Buiatrician.	Mark Andrew Burgemeister Australia

Hoof Health and Lameness**Meeting Room 204**

HL-P01	A modified claw trimming method shifting the load to the wall and bulb region – an ex vivo study	Juliane Munzel Germany
HL-P02	Evaluation of the clinical and bacteriological efficacy of allyl isothiocyanate in dairy cattle with digital dermatitis	Takako Taniguchi Japan
HL-P03	Effect of cow block on healing duration of claw lesions and lesion severities in lame cows in western part Thailand	Pipat Arunvipas Thailand
HL-P04	Identification and characterization of treponemes from a case of bovine digital dermatitis in Korean dairy cattle	Yongil Cho Korea
HL-P05	Clinical aspects and incidence of bovine digital dermatitis in a herd of Holstein cows	Florin Beteg Romania

Immunology and Vaccines**Meeting Room 204**

IV-P01	Staphylococcus aureus -specific IgA antibody in milk suppressed the proliferation of S. aureus in infected bovine udder	Yuya Nagasawa Japan
IV-P02	Apoptosis of bovine lymphocytes during experimental inflammatory response induced by peptidoglycan	Petr Slama Czech Republic
IV-P03	Effect of probiotic Bacillus Subtilis C-3102 strain on function of dendritic cells in bovine peripheral blood before and after parturition	Tao Zhuang Japan
IV-P04	Changing the paradigm of stress and immune suppression	Victor S. Cortese USA
IV-P05	Tick Glutathione S-transferases: vaccine targeting multiple tick species	Itabajara Da Silva Vaz Junior Brazil
IV-P06	Serological response of calves vaccinated with 1 dose of a gE - /tk -deleted MLV IBR vaccine	Roger Guix Spain
IV-P07	Peripheral blood lymphocyte proliferative responses in dairy cows supplemented with an immunomodulatory feed additive and under polyvalent vaccination	Alice Maria Melville Paiva Della Libera Brazil
IV-P08	Impact of integrated use of anti-tick vaccine and acaricides in progressive control of the cattle fever tick, Rhipicephalus microplus, in Puerto Rico	Veronique Moulin USA
IV-P09	The IBR-BRSV-PI3 intranasal vaccine overrides maternal antibody and induces a 6 month duration of immunity against IBR Disease	Veronique Moulin USA
IV-P10	The Role of an Intranasal Vaccine against IBR, BRSV and PI3 in Developing a Healthy and Productive Calf Population in North America: Lack of Interference between IBR, PI3 and BRSV MLV Fractions	Veronique Moulin USA

Infectious Diseases: Bacteriology**Meeting Room 204**

BC-P01	Paratuberculosis - what new can we learn using social network analysis?	John F Mee Ireland
BC-P02	Identification and phase inversion of Salmonella flagellar antigens	Masatoshi Fujihara Japan
BC-P03	Klebsiella pneumoniae infection secondary to bovine viral diarrhea in neonatal calves of premature birth	Kyung Hyun Lee Korea



WBC2018 Sapporo: Poster Presentation

Day 3 (Friday, Aug. 31)-11

BC-P04	The course of Mycoplasma bovis infection in dairy herds	Tiina Autio Finland
BC-P05	The Evaluation of MLVA Genotyping Assay of Mycoplasma bovis by Whole-Genome Sequencing	Naoyuki Takahashi Japan
BC-P06	IbpA protein is contribute to virulence of Histophilus somni in experimental calf pneumonia model	Kaori Hoshino Japan
BC-P07	Flunixin Transdermal as therapy in the treatment of bovine respiratory disease	Michael Bolton USA
BC-P08	Biofilm formation by Candida albicans , Escherichia coli and Streptococcus dysgalactiae isolated from bovine mastitis and their relation with antibiotic resistance	Luis Octavio Campuzano Reves Mexico
BC-P09	Herd prevalence of Enterobacteriaceae producing CTX-M-type and CMY-2 β -lactamase s among Japanese dairy farms	Mamoru Ohnishi Japan
BC-P10	Antimicrobial susceptibilities, bacteriological characteristics, and genetic relatedness of Pseudomonas aeruginosa and Serratia marcescens isolates from bovine mastitis and Stenotrophomonas maltophilia isolates from a mastitis outbreak	Mamoru Ohnishi Japan
BC-P11	Diagnostic methods of brucellosis in buffaloes from Argentina	Luis Ernesto Samartino Argentina
BC-P12	Development and optimization of an enzyme-linked immunosorbent assay (ELISA) for detection of specific anti-Leptospira spp IgG in cattle	Luis Ernesto Samartino Argentina

Therapeutics and Pharmacology

Meeting Room 204

TP-P01	Clinical study for the determination of plasma bioavailability of fenthion and its metabolites in bovines submitted to topical treatment with two different commercial products	Eduardo Eiti Ichikawa Brazil
TP-P02	Effects of lekoreduction on cattle whole blood conservation in plastic bags.	Enrico Lippi Ortolani Brazil
TP-P03	The effect of rumen fluid on itraconazole stability in dairy cattle - pilot studies	Jan T Wardoń Poland
TP-P04	Effects of an oral Echinacea purpurea (L.) MOENCH alcoholic spissum extract in calves - a placebo controlled, randomized, double-blinded study	Hannah Ayrl Switzerland
TP-P05	Comparison of clinical and economical efficacy of anti-inflammatory: meloxicam (Loxicom) to ketoprofen for treatment of diarrhoea in neonatal calves	Oleg Manchuliak Ukraine
TP-P06	Comparative efficacy of a single administration of a combination of florfenicol and meloxicam with florfenicol alone in naturally occurring cases of respiratory disease in young cattle	Damien Achard France
TP-P07	Comparative efficacy of a combination of florfenicol and meloxicam with a combination of florfenicol and flunixin meglumine in young calves experimentally challenged with Mannheimia haemolytica	Damien Achard France
TP-P08	Comparison of the syringeability of a fixed combination of florfenicol and meloxicam with florfenicol-based products commonly used in bovine respiratory disease (BRD)	Damien Achard France
TP-P09	Comparative Efficacy of Tulathromycin versus Tildipirosin for First-line Treatment of Acute Bovine Respiratory Disease (BRD) in Feedlot Heifers	Roger L. Saltman USA
TP-P10	A randomized positive-controlled field trial comparing a new formulation of a cloxacillin-based to a long-acting intramammary mastitis treatment.	Mark Bryan New Zealand
TP-P11	Study on the treatment of diclofenac sodium injection in dairy cow clinical mastitis	Jian-Yong Li China
TP-P12	Clinical efficacy of a single subcutaneous injection of meloxicam as adjunctive therapy of clinical mastitis in lactating cow in Japan	Keita Kajiwara Japan

Infectious Diseases: Virology

Meeting Room 206

VR-P01	Relationship of IL-12, TNF α , IFN γ , IL-4, IL-10 and TGF β expression with persistent lymphocytosis in bovine leukosis virus infected cows	Michelle Araiza-Hernandez Mexico
VR-P02	Relationship of BLV viral load and BLV antibody titers with lymphocyte counts in a bovine leukemia high prevalence dairy herd.	Ernesto Marin-Flamand Mexico
VR-P03	Identification of novel antisense RNAs in the genome of bovine leukemia virus (BLV)	Shingo Nakahata Japan
VR-P04	Analysis of molecular diversity of 5' Untranslated Region of Bovine Viral Diarrhea Virus isolates from cattle in Mexico	Montserrat Elemi Garcia Hernandez Mexico



VR-P05	Identification of epitopes /mimotopes against to B ovine Viral Diarrhea virus antibodies using Phage Display libraries.	Rosa Elena Sarmiento Silva Mexico
VR-P06	Sero-survey of BVDV, BEFV, IBAV in cattle in Northern Vietnam	Thanh-Tam Pham Viet Nam
VR-P07	Prevention of Bovine Herpesvirus-1 Respiratory Infection and Clinical Disease Following a Secondary Intranasal Vaccination Three Weeks Pre-Weaning or the Day After Weaning	Kevin Hill Belgium
VR-P08	Natural occurrence of interspecies recombinant viruses between bovine herpesviruses 1 and 5	Etienne Thiry Belgium
VR-P09	Evaluation of BoHV1-free certification through bulk milk sampling	H.W. Frederik Waldeck Netherlands
VR-P10	Estimation of the basic reproductive ratio (R ₀) of BoHV1 on field data	H.W. Frederik Waldeck Netherlands
VR-P11	Seroprevalence of bovine herpesvirus 1 infections in dairy cattle herds in Eastern Poland	Jerzy Rola Poland
VR-P12	Preparation of a Monoclonal Antibody against gD Protein of Bovine Herpesvirus I and epitope mapping	Xiaobo Wen China
VR-P13	Polyacrylamide Gel Electrophoresis and Silver staining for detection of Rotavirus in Goat fecal samples	Vandana Gupta India
VR-P14	Sero-epidemiological survey and detection of bovine rotavirus in cattle in Northern Vietnam	Dzung Thi Bach Viet Nam
VR-P15	Phylogenetic analysis of glycoprotein gene of bovine respiratory syncytial virus detected from Korea	Jae-Woo Choi Korea
VR-P16	Seroepidemiologic profile of viruses associated with Bovine Respiratory Disease (BRD) in steers at feedlot entry in Brazil	Frederico Moreira USA
VR-P17	Molecular epidemiological survey and phylogenetic analysis of bovine respiratory coronavirus in Japan	Hirohisa Mekata Japan
VR-P18	Investigation of the occurrence of Schmallenberg virus in bovine foetus from Brazil Investigation of the occurrence of Schmallenberg virus in bovine foetus from Brazil	Liria Hiromi Okuda Brazil
VR-P19	Endometrial carcinoma in cows	Claudia Del Fava Brazil

Surgery

Meeting Room 206

SU-P01	Clinical findings and surgical outcomes of Japanese Black calves with perinatal rib fracture : A review of eleven cases	Yuichi Hidaka Japan
SU-P02	Surgical repair anal atresia in a calf associated with the vaginal fistula of Rondônia region North of Brazil: case report	Bruno Mendonca Ribeiro Brazil
SU-P3	Trial of Femoral Head Ostectomy for hip joint disease of F1(Wagyu and Holstein) calf	Natsuki Otani Japan
SU-P4	Effects of Propolis extract a new reinforcement material in improving bone healing in rat	Abdolhamid Meimandi Iran

Reproduction

Meeting Room 207

RE-P01	Relationships of plasma insulin-like peptide 3, testosterone, inhibin and insulin-like growth factor-I concentrations with scrotal circumferences and testicular weights in Japanese Black beef bull calves	Noritoshi Kawate Japan
RE-P02	Peripheral Anti-Müllerian hormone as biomarker in evaluating function of intra-abdominal testes in cattle	Go Kitahara Japan
RE-P03	Effect of subclinical hypocalcemia on the fertility of grazing dairy cows	Rodolfo Luzbel De La Sota Argentina
RE-P04	Associations of lunar cycle and climate factors with frequency of mature and premature births in Japanese Black cows	Takeshi Osawa Japan
RE-P05	Effect of trace minerals and vitamin supplementation on pregnancy rate with fixed-time artificial insemination in beef cattle	Juan Rodriguez Persico Argentina
RE-P06	Effect of ovulation synchronization on Japanese Black cow bred at farms using cowshed feeding and grazing	Kazunaga Oshima Japan



RE-P07	Effect of CIDR-Ovsynch plus equine chorionic gonadotropin on pregnancy rate in subfertile dairy cows	Daisuke Funakoshi Japan
RE-P08	Delaying progesterone releasing intravaginal device removal by 24 h during a 5-day PRID-SYNCH protocol decreased estrus expression before timed AI without affecting fertility in Holstein heifers	Federico Randi France
RE-P09	Effect of a progesterone-based estrus synchronization program for timed AI (TAI) on reproductive performance in a seasonal pasture-based dairy production system	Federico Randi France
RE-P10	Comparative field trial in dairy cows fitted with progesterone releasing intravaginal devices having two different tail types	Federico Randi France
RE-P11	Synchronization with a 5-day progesterone releasing intravaginal device SYNCH protocol for first AI decreased the age at first calving and the rearing costs in Holstein dairy heifers	Federico Randi France
RE-P12	Estrous Characteristics of Dairy Heifers Treated at Different Stages of the Estrous Cycle with two Prostaglandin Formulations	Jantijn Swinkels Netherlands
RE-P13	Effect of adding a second dose or doubling the dose of prostaglandin during resynchronization of ovulation and TAI in lactating dairy cows	Federico Randi France
RE-P14	Effect of using CIDR in first step of double ovsynch programs in high producing dairy cows with anovulatory follicle	Bahram Salasel Iran
RE-P15	Effect of the 5-day Co-synch with CIDR protocol on pregnancy rate in lactating dairy cattle	Takahiro Suzuki Japan
RE-P16	Conception rate after different models of treatment in non pregnant cows	Bartlomiej Maria Jaskowski Poland
RE-P17	Progesterone devices and Ovsynch – efficacy in anestrus and non-pregnant dairy cows – retrospective study	Bartlomiej Maria Jaskowski Poland
RE-P18	The influence of GnRH and prostaglandin F2alpha analogues on the morphology of corpus luteum in dairy cattle	Bartlomiej Maria Jaskowski Poland
RE-P19	Effect of the prolonged preovulatory period in a short synchronization protocol on the conception rate after timed embryo transfer in dairy cows	Naoya Kawahara Japan
RE-P20	Comparison of two different timings of GnRH injection and subsequent artificial insemination post progesterone insert removal in treated non-cycling dairy cows	Mick Clews New Zealand
RE-P21	Application of ELISA for early pregnancy detection in Limousin beef cows.	Zdzislaw Gajewski Poland
RE-P22	Effect of bovine leptospirosis vaccination on reproduction, mastitis and limb diseases in a dairy farm	Hisaeda Keiichi Japan
RE-P23	Profiles of hair cortisol concentrations in relation with health, nutrition and reproductive parameters in postpartum dairy cows	Natsumi Endo Japan
RE-P24	Standardized comparative analysis of the reproductive performance in large commercial Hungarian dairy herds	Laszlo Ozsvari Hungary
RE-P25	Effects of Increased of Lipopolysaccharide Level in the Rumen due to Feeding with Increased Corn Grain in Concentrated Feed on the Reproductive Organs of Dairy Cows.	Kanae Ogata Japan
RE-P26	Relationship between endometritis in dairy cows and peripheral blood lipopolysaccharide and haptoglobin concentration	Tadatoshi Ohtaki Japan
RE-P27	Differences in endometrial mRNA expression of important genes related to fertility in repeat breeder and fertile cows	Rodolfo Luzbel De La Sota Argentina
RE-P28	Relationship of reproductive management and performance in primi- and multiparous cows on large commercial Holstein-Friesian farms	Laszlo Ozsvari Hungary
RE-P29	Associations of management and reproductive performance of cows on large commercial Holstein-Friesian farms	Laszlo Ozsvari Hungary
RE-P30	Reproductive management and performance of replacement dairy heifers in Hungary	Laszlo Ozsvari Hungary
RE-P31	Factors affecting pregnancy loss in dairy cows	Juan Vicente Gonzalez Martin Spain
RE-P32	Risk factors for late embryo loss in grazing dairy cows	Rodolfo Luzbel De La Sota Argentina
RE-P33	Risk factors for pregnancy losses between 30 and 210 days of gestation in grazing dairy cows	Rodolfo Luzbel De La Sota Argentina



RE-P34	Influence of mineral levels, body condition score and gestation length on retained placenta in cows with stillbirths in Polish dairy herds	Dawid Krol Poland
RE-P35	Endometrial mRNA expression of growth factors related with subfertility in high and medium producing dairy cows	Rodolfo Luzbel De La Sota Argentina
RE-P36	Analysis of two clinical endometritis antibiotic treatment plans in Polish native cattle breeds: preliminary results	Konrad Zalewski Poland
RE-P37	Use of a bentonite clay as tetracycline drug carrier	Lilian Gregory Brazil
RE-P38	The effect of periostrous vaginal discharge on the conception in Holstein dairy cows	Dai Ishiyama Japan