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WBC

WORLD BUIATRICS CONGRESS

SEPTEMBER 4<sup>TH</sup> TO 8<sup>TH</sup>

MADRID 2022

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PROGRAMME

	SUNDAY SEPTEMBER 4 <sup>TH</sup>	MONDAY SEPTEMBER 5 <sup>TH</sup>	TUESDAY SEPTEMBER 6 <sup>TH</sup>	WEDNESDAY SEPTEMBER 7 <sup>TH</sup>	THURSDAY SEPTEMBER 8 <sup>TH</sup>	
09:00 - 10:00		SHORT COMMUNICATIONS				
10:00 - 10:30		KEY NOTE 1	KEY NOTE 1	KEY NOTE 1	KEY NOTE 1	
10:30 - 11:00		KEY NOTE 2	KEY NOTE 2	KEY NOTE 2	KEY NOTE 2	
11:00 - 11:30		COFFEE BREAK				
11:30 - 12:00		KEY NOTE 3	KEY NOTE 3	KEY NOTE 3	KEY NOTE 3	
12:00 - 12:30		KEY NOTE 4	KEY NOTE 4	KEY NOTE 4	KEY NOTE 4	
12:30 - 13:00		ROUND TABLE	ROUND TABLE	ROUND TABLE	ROUND TABLE	
13:00 - 13:30						
13:30 - 14:00		LUNCH AND COFFEE				
14:00 - 14:30		Documentation Delivery				
14:30 - 15:00						
15:00 - 15:30	Satellite Symposia & Workshops		Satellite Symposia & Workshops	Satellite Symposia & Workshops	Satellite Symposia & Workshops	
15:30 - 16:00	Satellite Symposia & Workshops		Satellite Symposia & Workshops	Satellite Symposia & Workshops	Satellite Symposia & Workshops	
16:00 - 16:30						
16:30 - 17:00	COFFEE BREAK					
17:00 - 17:30	Opening Ceremony	VIP PRESENTATION	VIP PRESENTATION	VIP PRESENTATION	VIP PRESENTATION	
17:30 - 18:00						
18:00 - 18:30	Welcome Reception			Conference Dinner	Closing ANEMBE PARTY	
18:30 - 19:00						
19:00 - 19:30						
19:30 - 20:00						
20:30 - 21:00						
21:00 - 21:30						
21:30 - 22:00						

PARALLEL SESSIONS WITH SHORT COMMUNICATIONS THROUGHOUT THE 4 DAYS

	PLENARY ROOM	MEETING ROOM	MADRID	ROMA	PARIS	LONDRES
Simultaneous translation						
	ANIMAL HEALTH: 09:00-12:30	INTERNAL MEDICINE AND TOXICOLOGY: 09:00-12:30	IMMUNOLOGY AND VACCINOLOGY: 09:00-12:30	REPRODUCTION IN BEEF CATTLE: 09:00-12:30	BUFFALOES AND CAMELIDS: 09:00-12:30	SMALL RUMIANTS: 09:00-12:30
09:00-10:00	SHORT PAPERS					
10:00-10:30	Immunometabolism and the intersection of health and productivity <b>Dr. Rodrigo Bicalho</b>	Jejunal hemorrhage syndrome <b>Dr. Simon Peek</b>	Bovine Immune System and the Implications for Disease Resistance <b>Dr. Lorraine Sordillo</b>	Bull fertility – What are we missing? <b>Dr. Tom Geary</b>	Development of an alpacas program in Perú <b>Dr. Juan Pablo Gutiérrez</b>	Gastrointestinal nematode infections in small ruminants – science into practice <b>Dr. Katja Voigt</b>
10:30-11:00	Management strategies to prevent uterine diseases in dairy cows <b>Dr. Klíbs Galvão</b>	Recent advances in the treatment of calf diarrhea <b>Dr. Geof Smith</b>	Expanding the vaccine repertoire: Unconventional T cells as novel vaccine targets? <b>Dr. Lindert Benedictus</b>	Venereal diseases in beef bulls – Diagnostic strategies and treatment <b>Dr. Álvaro García Guerra</b>	Assisted reproductive technologies in buffaloes: techniques and outcomes <b>Dr. Pietro Baruselli</b>	Responsible use of medicine in sheep flocks – antibiotics, anthelmintics, supplements <b>Dr. Fiona Lovatt</b>
11:00-11:30	COFFEE BREAK					
11:30-12:00	Therapeutic options for uterine diseases in dairy cows <b>Dr. Klíbs Galvão</b>	Review of flotation tank use for down cows <b>Dr. Simon Peek</b>	Impact of Oxidative Stress on Inflammation and Immunity <b>Dr. Lorraine Sordillo</b>	Embryonic mortality in cows – limitations to pregnancy success <b>Dr. Tom Geary</b>	Diagnostic and surgical approaches in buffaloes in the field (I) <b>Dr. Antonio Natale</b>	Respiratory diseases – differential diagnoses and management <b>Delia Lacasta</b>
12:00-12:30	Innovative prophylactic and therapeutic methods for controlling uterine diseases <b>Dr. Rodrigo Bicalho</b>	BRD Treatment approaches in dairy calves <b>Dr. Geof Smith</b>	The risks of using allogeneic cell lines for vaccine production: the example of Bovine Neonatal Pancytopenia <b>Dr. Lindert Benedictus</b>	Factors associated with fertility in both bull bred and FTAI programs in beef cows <b>Dr. Álvaro García Guerra</b>	Diagnostic and surgical approaches in buffaloes in the field (II) <b>Dr. Antonio Natale</b>	Can we treat them all like sheep?- Special requirements of goats and camelids <b>Dr. Katja Voigt</b>
12:30-13:00	ROUND TABLE WITH ATTENDEES, MAIN SPEAKERS AND LECTURE COMMUNICATORS					Sheep farmer-vet engagement-maximising mutual value <b>Dr. Fiona Lovatt</b>
13:00-13:30						
13:30-15:00	LUNCH TREAT					
15:00-16:30	SIMPOSIUM 1 CEVA	ECBHM WORKSHOP <b>Dr. Beat Berchtold, Dr. Lies Beekhuis and Dr. Philippe Camuset</b>	SIMPOSIUM 5 BOEHRINGER	REPRODUCTION IN BEEF CATTLE WORKSHOP: Optimizing synchronization protocols for FTAI in beef cattle around the globe <b>Dr. Tom Geary and Dr. Álvaro García</b>	REPRODUCTION IN DAIRY CATTLE: Parturient calving management-a bovine brainstorming workshop <b>Dr. John F. Mee, Dr. Carola Fischer and Dr. Otto Szenci</b>	SMALL RUMIANTS WORKSHOP: Diagnostic approaches to individual and flock health problems – a case-based interactive workshop <b>Dr. Katja Voigt, Delia Lacasta and Dr. Fiona Lovatt</b>
16:30-17:00	COFFEE BREAK					
17:00-16:30	VIP PRESENTATION					

	BERLIN	AMSTERDAM	LA PAZ	MONTEVIDEO	BRATISLAVA	MEXICO
Simultaneous translation						
09:00-11:00	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
11:00-11:30	COFFEE BREAK					
11:30-13:30	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
13:30-15:00	LUNCH TREAT					
15:00-16:30	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
16:30-17:00	COFFEE BREAK					
17:00-18:30	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION






	PLENARY ROOM	MEETING ROOM	MADRID	ROMA	PARIS	LONDRES
Simultaneous translation						
	REPRODUCTION IN DAIRY CATTLE: 09:00-12:30	UDDER HEALTH AND MASTITIS: 09:00-12:30	HERD HEALTH MANAGEMENT, SMART FARMING AND ECONOMICS: 09:00-12:30	LAMENESS: 09:00-12:30	GENETICS AND BREEDING: 09:00-12:30	TEACHING AND CONTINUING EDUCATION: 09:00-12:30
09:00-10:00	SHORT PAPERS					
10:00-10:30	Optimizing peripartum health to improve reproduction in dairy cows <b>Dr. José Eduardo Santos</b>	How the milking machine influences mastitis <b>Ian Ohnstad</b>	Review of herd dynamics and key performance indicators <b>Dr. Ricardo Chebel</b>	Dairy cattle lameness; where does recent research take us? <b>Dr. Georgios Oikonomou</b>	What every farm advisor should know about dairy cattle breeding <b>Francisco Peñagaricano</b>	Historical perspective of veterinary medical education in food animal medicine: are we meeting the needs of the producer <b>Dr. Carlos Risco</b>
10:30-11:00	Optimizing use timed AI insemination programs for first postpartum AI in high-producing herds <b>Dr. Milo Wiltbank</b>	Parlour efficiency vs milking efficiency: compatible or conflict? <b>Dr. Ronald Erskine</b>	Pre-Weaning replacement heifer housing and management to maximize growth and health <b>Courtney Halbach</b>	Farm and cow level risk factors of lameness (I) <b>Dr. Rodrigo Bicalho</b>	Economic trade-offs between productive life and genetic progress <b>Dr. Albert de Vries</b>	Shortages of food animal veterinarians - a global threat <b>Dr. Ángel Abuelo</b>
11:00-11:30	COFFEE BREAK					
11:30-12:00	Mechanisms underlying anovulation and impacts on reproduction in dairy cows <b>Dr. José Eduardo Santos</b>	The importance of milking time assessments (observations and not physical measurements) <b>Ian Ohnstad</b>	Health and reproductive management.- Have we come to the point when we can customize health care and reproductive management <b>Dr. Ricardo Chebel</b>	Farm and cow level risk factors of lameness (II) <b>Dr. Rodrigo Bicalho</b>	Genomics: the latest revolution in dairy cattle <b>Francisco Peñagaricano</b>	Development of CE programs for veterinarians focused on production medicine <b>Dr. Carlos Risco</b>
12:00-12:30	Pivotal periods of pregnancy loss in dairy cattle <b>Dr. Milo Wiltbank</b>	Training milking staff to be engaged milking staff <b>Dr. Ronald Erskine</b>	Designing periparturient cow facilities - welfare, health and automation <b>Courtney Halbach</b>	Dairy cattle lameness genetics; can we breed lameness out of our herds? <b>Dr. Georgios Oikonomou</b>	Use of beef semen in dairy herds <b>Dr. Albert de Vries</b>	Continue education in food animal medicine: does one size fit all? <b>Dr. Ángel Abuelo</b>
12:30-13:30	ROUND TABLE WITH ATTENDEES, MAIN SPEAKERS AND LECTURE COMMUNICATORS					
13:30-15:00	LUNCH TREAT					
15:00-16:30	SIMPOSIUM 2 ZOETIS	REPRODUCTION WORKSHOP : Applied epidemiology: how to interpret and use research data in practice, using examples in reproduction <b>Dra. Aurora Villarroel</b>	SMART FARMING SEMINAR: Case studies. Troubleshooting design of an automated barn and addressing reproductive inefficiency with automated systems <b>Dr. Ricardo Chebel and Courtney Halbach</b>	LAMENESS WORKSHOP: Cattle lameness practical session: <b>Dr. Rodrigo Bicalho and Dr. Georgios Oikonomou</b>	GENETICS AND BREEDING WORKSHOP: How do we use genetic data to improve farm profitability <b>Francisco Peñagaricano and Dr. Albert de Vries</b>	CONTINUING EDUCATION SEMINAR: Models of clinical education of bovine medicine <b>Dr. Carlos Risco and Dr. Ángel Abuelo</b>
16:30-17:00	COFFEE BREAK					
17:00-18:30	VIP PRESENTATION					

	BERLIN	AMSTERDAM	LA PAZ	MONTEVIDEO	BRATISLAVA	
Simultaneous translation						
09:00-11:00	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
11:00-11:30	COFFEE BREAK					
11:30-13:30	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
13:30-15:00	LUNCH TREAT					
15:00-16:30	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
16:30-17:00	COFFEE BREAK					
17:00-18:30	ECBHM					

	PLENARY ROOM	MEETING ROOM	MADRID	ROMA	PARIS	LONDRES
Simultaneous translation						
	NUTRITION AND METABOLIC DISEASES: 09:00-12:30	INFECTIOUS DISEASES: 09:00-12:30	CATTLE WELFARE: 09:00-12:30	FEEDLOT: 09:00-12:30	DIAGNOSTIC IMAGING: 09:00-12:30	SUSTAINABLE CATTLE PRODUCTIVE SYSTEMS: 09:00-12:30
09:00-10:00	SHORT PAPERS					
10:00-10:30	Energy balance and body condition, key drivers for a healthy herd <b>Dr. Adlai Schuler</b>	Tools for the diagnostic and control of bovine paratuberculosis <b>Dr. Joseba Garrido</b>	Housing of dairy calves <b>Dr. Trevor de Vries</b>	Key considerations for antibiotic free beef production <b>Dr. Ryan Law</b>	Role of ultrasonography in reproductive management 4.0 <b>Dr. Jill Colloton</b>	Sustainability in action – how do we “meat” demand without “milking” the environment? <b>Dr. Jude Capper</b>
10:30-11:00	Balancing energy and protein supply across lactation <b>Dr. Fernando Díaz Royón</b>	What is new on IBR. Epidemiology and control at the farm level <b>Dr. María Guelbenzu</b>	Animal welfare aspects of automated milking <b>Dr. Trevor de Vries</b>	The importance of meat quality assessment and supply chain data management in delivering consumer expectations <b>Dr. Ryan Law</b>	The Doppler in field reproductive management: effective resource or pure fantasy? <b>Dr. Giovanni Gnemmi</b>	Feeding the world without devouring it <b>Dr. Frank M. Mitloehner</b>
11:00-11:30	COFFEE BREAK					
11:30-12:00	Managing the transition period through protocols. A systems based approach <b>Dr. Adlai Schuler</b>	Animal tuberculosis. Looking for the eradication <b>Dr. Joseba Garrido</b>	Pain assessment and management in cows and calves (I) <b>Dr. Xavier Manteca</b>	BRD in feedlot production - past, present and future <b>Dr. Calvin Booker</b>	Use of ultrasound to improve reproductive management in dairy or beef cattle <b>Dr. Giovanni Gnemmi</b>	Cows of the future – challenges and opportunities for sustainable cattle systems <b>Dr. Jude Capper</b>
12:00-12:30	Feeding management and its impact in dairy 's financials <b>Dr. Fernando Díaz Royón</b>	BVD. Actual situation in Europe <b>Dr. María Guelbenzu</b>	Pain assessment and management in cows and calves (II) <b>Dr. Xavier Manteca</b>	The use of technology for cattle health management in the feedlot <b>Dr. Calvin Booker</b>	Thoracic ultrasonography <b>Dr. Sebastien Buczinski</b>	Livestock and climate change - Facts and fiction <b>Dr. Frank M. Mitloehner</b>
12:30-13:30	ROUND TABLE WITH ATTENDEES, MAIN SPEAKERS AND LECTURE COMMUNICATORS					
13:30-15:00	LUNCH TREAT					
15:00-16:30	SIMPOSIUM 3 ZOETIS	UDDER HEALTH WORKSHOP (IN FARM): The milking time assessment – an additional tool in the armoury for a dairy veterinarian <b>Ian Ohnstad and Dr. Ronald Erskine</b>	CATTLE WELFARE WORKSHOP: Animal welfare assessment at farm level and its implications for economic sustainability of dairy farms <b>Dr. Trevor de Vries and Dr. Xavier Manteca</b>	SIMPOSIUM 6 MSD	DIAGNOSTIC IMAGING WORKSHOP: Extragenital applications of Ultrasonography <b>Dr. Sebastien Buczinski, Dr. Giovanni Gnemmi and Dr. Jill Colloton</b>	ANEMBE GENERAL ASSEMBLY
16:30-17:00	COFFEE BREAK					
17:00-18:30	VIP PRESENTATION					

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Simultaneous translation						
09:00-11:00	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	POSTER SESSION
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16:30-17:00	COFFEE BREAK					
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	PLENARY ROOM	MEETING ROOM	MADRID	ROMA	PARIS	LONDRES
Simultaneous translation						
	SURGERY: 09:00-12:30	BIOTECHNOLOGY: 09:00-12:30	PHARMACOLOGY AND THERAPEUTICS: 09:00-12:30	EPIDEMIOLOGY: 09:00-12:30	PUBLIC HEALTH, FOOD SAFETY AND ANTIMICROBIAL RESISTANCE: 09:00-12:30	PARASITISM (ENDO, ECTO, HAMOPARASITISM): 09:00-12:30
09:00-10:00	SHORT PAPERS					
10:00-10:30	C - section Dr. Sylvain Nichols	Simplified superstimulation programs for in vivo and in vitro embryo production in cattle Dr. Gabriel Bo	Understanding antimicrobial use metrics and why we need more than one Dr. Michael D. Apley	Epidemiology of bovine mastitis on the modern dairy farm Dr. Ynte Schukken	Vulnerability of rural wells and organic produce to multiple drug resistance (MDR) bacteria from dairy cattle manure Dr. Rob Atwill	What's new in bovine neosporosis? Dr. Luis Miguel Ortega
10:30-11:00	Basic intestinal surgery Dr. André Desrochers	Factors affecting oocyte quality for embryo production in cattle Dr. Pietro Baruselli	What S, I, and R mean to a clinician: understanding the application of antimicrobial susceptibility testing in cattle Dr. Michael D. Apley	Molecular epidemiology of mastitis: evidence versus paradigm Dr. Ruth Zadoks	Good agricultural practices to minimize environmental and waterborne contamination of antimicrobial resistance (AMR) bacteria from cattle manure Dr. Rob Atwill	Tropical theileriosis Dr. Mohamed Aziz Darghouth
11:00-11:30	COFFEE BREAK					
11:30-12:00	Distal limb fracture and pin casting Dr. Sylvain Nichols	Factors affecting pregnancy rates in beef embryo recipients Dr. Gabriel Bo	The bovine Microbiome implications for health Dr. Juan Miguel Rodríguez	Epidemiology of infectious disease on dairy farms Dr. Ynte Schukken	Making the best use of economics when assessing antimicrobial use and AMR in cattle (I) Dr. Jonathan Rushton	Best-bet integrated control strategies for managing trypanosomosis and trypanocidal drug resistance in African village cattle populations Dr. Peter H. Clausen
12:00-12:30	Treatment principles of septic arthritis Dr. André Desrochers	Improving fertility in dairy herds using in vivo and in vitro produced embryos Dr. Pietro Baruselli	Strategies for the modulation of the bovine microbiome Dr. Juan Miguel Rodríguez	Beyond mastitis: molecular epidemiology insights into transmission and control of bacterial, parasitic and viral diseases of cattle Dr. Ruth Zadocks	Making the best use of economics when assessing antimicrobial use and AMR in cattle (II) Dr. Jonathan Rushton	Veneral diseases in beef cattle: and old problem that needs new approaches Dr. Luis Miguel Ortega
12:30-13:30	ROUND TABLE WITH ATTENDEES, MAIN SPEAKERS AND LECTURE COMMUNICATORS		When differences matter: How do efficacy differences between antimicrobials compare to differences between treated animals and negative controls? Dr. Michael D. Apley Really unreasonable things to do with antimicrobials Dr. Michael D. Apley	ROUND TABLE WITH ATTENDEES, MAIN SPEAKERS AND LECTURE COMMUNICATORS		
13:30-15:00	LUNCH TREAT					
15:00-16:30	SIMPOSIUM 4	BIOTECHNOLOGY WORKSHOP: In vivo and in vitro production of embryos: competing or complementary techniques? Dr. Gabriel Bo and Dr. Pietro Baruselli	ROUND TABLE WITH ATTENDEES, MAIN SPEAKERS AND LECTURE COMMUNICATORS	EPIDEMIOLOGY WORKSHOP: Use of rapid culture systems and algorithms to guide the treatment of clinical mastitis cases and at dry off Dr. Alfonso Lago	SURGERY WORKSHOP: What is your diagnosis on lameness? Dr. Sylvain Nichols and Dr. André Desrochers	
16:30-17:00	COFFEE BREAK					
17:00-17:30	CLOSING CEREMONY					
17:30-18:30	PRACTICE TIPS					

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11:00-11:30	COFFEE BREAK					
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16:30-17:00	COFFEE BREAK					