



WORLD BUIATRICS CONGRESS 2024



SCIENTIFIC PROGRAM

MAY, 20 - 24, 2024 CANCUN, MEXICO

Welcome to the 32nd World Buiatrics Congress! We are thrilled to host veterinarians, researchers, and professionals from around the globe to share knowledge, innovations, and experiences in the field of builtrics. This Congress promises to be an enriching platform for learning and networking. We hope you enjoy your stay in the beautiful city of Cancún and make the most of this exceptional opportunity to contribute to the future of builtrics.



Please be advised that we will not be accepting cash payments. Only credit or debit cards will be accepted.

Please take a moment to review the following information:



Registration schedules:

Monday, May 20th **Tuesday, May 21st** Wednesday, May 22nd **Thursday May 23rd Friday May 24th** 12:00 - 18:00 hrs 7:00 - 17:00 hrs 7:00 - 17:00 hrs 7:00 - 17:00 hrs

8:00 - 12:00 hrs



This congress will feature Al-powered simultaneos traslation



To make the most of it, it is very important to bring your headphones and the downloaded app to each session.

REGISTRATION CATEGORY ON SITE From 18th until 24th May, 2024

Delegates A	850 USD
Delegates B	600 USD
Delegates C	400 USD
Studente	400 USD

ON SITE From 18th until 24th May, 2024

One Day Pass	\$200 USD
Accompanying Person	\$100 USD
Gala Dinner	\$155 USD



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Commercial Exhibition area Schedule 8:45 am - 17:00 pm

Monday, May 20th Tuesday, May 21st Wednesday, May 22nd Thursday May 23rd Friday May 24th **BREAK** 10:30 - 11:00

LUNCH

13:25 - 15:30 HRS



SESSIONS Gran Cancún Room



Social Events

OPENING CEREMONY Monday, May 20th, 2024, Grand Cancún Room

REGIONAL DANCE **SHOW** May 20th, 2024, Grand Cancún Room

COCKTAIL

Monday, May 20th, 2024, Ground Floor

GALA DINNER

Thursday May 23rd, 2024, Grand Cancún Room



Dress Code / Formal



Official website:

www.wbcmexico2024.com



SECOND FLOOR

POSTERS

Cozumel D Room

NO ACTIVITY



COMMERCIAL EXHIBITION AND REGISTRATION AREA





ROOM TIME CONFERENCE TITLE 12:00-19:00 REGISTRATION AND DOCUMENTATION DELIVERY **BREAK / LUNCH** 19:00 FLOKLORIC BALLET OF THE STATE OF QUINTANA ROO, MEXICO

OPENING CEREMONY

WELCOME RECEPTION

Effect of feeding 5 days of transition milk compared with milk replacer on health status, growth rates of

dairy calves. Katharine S Denholm The concentration of copper in the liver over time with different methods and doses of injectable

copper supplementation **Gregory Chambers** Ruminal fermentation and ruminal ammonia concentration in beef cattle supplemented with urea and

> urea-protected additive Lizbeth Robles Jiménez

Lunch - Exhibit Hall (ground floor)

THECDAY

			IUESDAY MAY (1)
ROOM	TOPIC	TIME	CONFERENCE TITLE
			Room Coordinator: José Ignacio Sánchez Gómez Moderator: Luis Corona Gochi
		8:45 -9:30	KEYNOTE LECTURE Whole colostrum for calf welfare and long term productivity Ryan Davis
			SCIENTIFIC CONFERENCE
		9:30-9:50	Smectite supplementation to preweaned dairy calves: Effects on passive transfer immunity, morbidity, performance and mortality Ainhoa Valldecabres Inchaustegui
	NUTRITION	9:50-10:10	Evaluation of bovine colostrum replacer supplementation to improve weaning transition in Holstein dairy calves Kristen Edwards
		10:10-10:30	Description of different feeding strategies of transitional milk on five Danish dairy cattle farms Kenneth Krogh
		10:30-11:00	Break - Exhibit Hall (ground floor)
- Z			Moderator: Luis Corona Gochi
GRAN		11:00-11:45	KEYNOTE LECTURE Importance of colostrum for small ruminants Dr. Juliana Mergh Leão
	Z		SCIENTIFIC CONFERENCE
		11:45-12:05	Nutritional emulsifiers as a potential digestibility enhancer in the ruminant metabolism Meissa Topete García Ulloa
		12:05-12:25	Megasphaera elsdenii NCIMB 41125 capsule administration effects on growth performance in Holstein calves: preliminary results Marcello Guadagnini

20:00

21:00

12:25-12:45

12:45-13:05

13:05-13:25

13:25 15:30

TUESDAY MAY 21

ROOM	TOPIC	TIME	CONFERENCE TITLE
			SIMPOSIUM
			CALF NUTRITION AND REARING
			Dr. Ryan Davies
			The effect of the supplementation of passive immunity and the adition of enriched pasteurised transitio milk for the first 10 days of life in batch calving pasture-based milk production system
-			Dr. Travis White
Z	NO N		Using Colostrum to Improve Calf intestinal health during times of challenge
	E E	15:30-17:30	Dr. Mike Nagorske
CANCÚ	NUTRITION		Physiological Adaptations of the 1st weeks of the Post-natal period and Capitalizing on Nutrition through
			Dr. Jose Maria Gutierrez
			Enrichment and pasteurisation of colostrum in intensive systems in the northern region of Mexico.
			Dr. Taliah Danzinger
			Improving calf health with data
	VIII N		SPONSORED BY SCCL
	S		Room Coordinator - Antonio Martínez Loeza Moderator: Elke Von Son de Fernex
			KEYNOTE LECTURE
		8:45 -9:30	Economic Impact of parasites in beef cattle
			Tom Strydom 💝
N	ASE		SCIENTIFIC CONFERENCE
Z	RASITE DISEASES	9:30-9:50	Mezquite pod as a potential nutraceutical for the control of >>Haemonchus contortus<< Cintli Martínez-Ortiz-de-Motellano
<u>U</u>	쁜		Cirtii Mai tillez-Oi tiz-de-Motellallo
A	ASI	0.50.40.40	Comparison of single versus combination dewormers on fecal egg counts and weight gain in young
Ü	PAR.	9:50-10:10	grazing cattle Gabriele Maier
			Growth performance of beef heifers treated with an injectable fixed-dose combination (0.2 mg/kg
		10:10-10:30	doramectin + 6.0 mg/kg levamisole hydrochloride) or single-active (0.2 mg/kg ivermectin) endectocid Jase Ball
		10:30-11:00	Break - Exhibit Hall (ground floor)



TUESDAY MAY 2

ROOM TOPIC TIME CONFERENCE TITLE

GRAN CANCÚN 2

ANIMAL BEHAVIOUR AND WELFARE

GRAN CANCÚN 3

	Moderator: Elke Von Son de Fernex
11:00-11:45	KEYNOTE LECTURE Cryptosporidiosis in cattle and recent advances in prevention PhD Luis Miguel Ortega-Mora
	SCIENTIFIC CONFERENCE
11:45-12:05	Injectable trace minerals associated with vaccination against Haemonchus contortus program reduce worm egg counts and increase average daily gain in lambs in Australia, a pilot study Paula González Rivas
12:05-12:25	Targeted selective treatment at housing with injectable eprinomectin in French dairy cattle using a validated decision support system (TRI) Damien Achard
12:25-12:45	The effect of Potassium Sorbate on Crypto GP40 antibodies in colostrum Geert Vertenten
12:45-13:05	Pharmacodynamic Interactions in Artemisia cina Ethyl Acetate Extract: Anthelmintic Effects on Haemonchus contortus Eggs and Infective Larvae L3 Luis David Arango De la Pava
13:05-13:25	Efficacy of an oral solution of paromomycin for the treatment of suckling beef calves with cryptosporidiosis in a multicentric field study Damien Achard
13:25 15:30	Lunch - Exhibit Hall (ground floor)
15:30-17:30	SIMPOSIUM "A breakthrough in the control of ectoparasites in cattle and their effect on welfare and productivity" Dr. Tom Strydom Dr. Daniel Rodrigues Dr. Fernando Borges Dr. Tiago Galina
13.30 17.30	Dr. Fernando Borges

	SPONSORED BY MSD
	Room Coordinator: Diana Martínez Albarrán Moderator: Anne Marie Sisto Burt
8:45 -9:30	KEYNOTE LECTURE Stress and its impact on disease in calves Dr. Geoffrey Smith
	SCIENTIFIC CONFERENCE
9:30-9:50	Identifying animal-based measures to assess dairy cattle welfare in Indonesia: A Delphi study Istianah Maryam Jamilah
9:50-10:10	Evaluation of differences in pooled sample metabolic profile results of Flemish farms with high versus low yearly cow mortality rates Angelique Rijpert
10:10-10:30	A delphi study to build pain scoring scale in cattle Raphael Guatteo
10:30-11:00	Break - Exhibit Hall (ground floor)

TUESDAY

ROOM TOPIC TIME **CONFERENCE TITLE** Moderator: Juan Hernández Medrano **KEYNOTE LECTURE ANIMAL BEHAVIOUR AND WELFARE** 11:00-11:45 More energy for pregnant goats, best mother-young behavior Dr. Horacio Hernández Hernández 🕙 **SCIENTIFIC CONFERENCE** Describing behaviors of beef bulls during the pre-breeding period using remote monitoring technology 11:45-12:05 CANCÚN and machine learning algorithms GRAN **Vinicius Camargo** Use of an automated behavior monitoring system for heat stress to check and optimize cooling strategies 12:05-12:25 **Carolina Tejero** A glimpse into tail tip lesions in dairy cows – have we missed something? 12:25-12:45 Mirjam Lechner Assessment Welfare protocol to a buffalo farm 12:45-13:05 Melina Yasuoka Marie Comparative analysis of hair cortisol concentrations from different body regions and coat color in dairy goats 13:05-13:25 Irma Eugenia Candanosa Aranda 13:25 15:30 **Lunch - Exhibit Hall (ground floor)** Room Coordinator - Luis Fernando Espinosa Castillo Moderator: Laura Hernández Andrade INFECTIOUS DISEASES **KEYNOTE LECTURE** 8:45 -9:30 Expectations and directions for the prudent use of antibiotics in bovine mastitis control PhD Paolo Moroni **SCIENTIFIC CONFERENCE** Bovine brucellosis: Advantages of using vaccine Brucella abortus RB51 9:30-9:50 **Luis Samartino** Effectiveness and safety of brucellosis control using the RB51 vaccine in adult beef cows 9:50-10:10 CANCÚN 4 João Drumond Prevalence and spatial distribution of infectious diseases of dairy cattle in Ontario, Canada 10:10-10:30 Diego Nobrega 10:30-11:00 **Break - Exhibit Hall (ground floor) Moderator: Luis León KEYNOTE LECTURE** 11:00-11:45 Epidemiological characteristics of the pathogens that cause Bovine Mastitis in large dairy farms in China **INFECTIOUS DISEASES** Bo Han **SCIENTIFIC CONFERENCE** Bluetongue serotype 3 outbreak in cattle in the Netherlands in 2023: Clinical signs, pathological findings, 11:45-12:05 transmission and implications K.M.J.A. van den Brink Pain relief therapy for managing viral vesicular diseases and their consequences 12:05-12:25 **Peter Windsor A**

Rational design of an effective ruminant sub-unit Q fever vaccine

Tom McNeilly N Investigating Digital Dermatitis on dairy farms: exploring bacterial dynamics and mapping reservoirs

Angelica Petersen Dias

12:25-12:45

12:45-13:05

15:30-17:30



ROOM	TOPIC	TIME	CONFERENCE TITLE
GRAN CANCÚN 4	ASES	13:05-13:25	Combining sampling techniques increases detection of carriers of Mycoplasma bovis Linde Gille
	ISE/	13:25 15:30	Lunch - Exhibit Hall (ground floor)
	INFECTIOUS D	15:30-17:30	SIMPOSIUM "Guardians of Herd Health: A Proactive Blueprint for Mycoplasma Bovis Prevention in Calves" Dr. Geoffrey Smith Dr. Abhijit Gurjar Dr. Alfredo Zanini SPONSORED BY ZOETIS
			Room Coordinator: Ulises Jesús Bautista Pérez Moderator: Rodrigo González López
			KEYNOTE LECTURE

	SPONSORED BY ZOETIS					
Room Coordinator: Ulises Jesús Bautista Pérez Moderator: Rodrigo González López						
8:45 -9:30	KEYNOTE LECTURE Bovine respiratory disease: update on diagnosis, surveillance and treatment Dr. Richard Pereira					
	SCIENTIFIC CONFERENCE					
9:30-9:50	Usefulness of lung ultrasound (tus) in the early detection of the bovine respiratory complex - experiences and results in Uruguay and Mexico Omar Bellenda					
9:50-10:10	Characteristics of fatal Mannheimia haemolytica fibrinous pleuropneumonia outbreaks on dairy farms in the Netherlands Jasper het Lam					
10:10-10:30	Comparative Evaluation of Three Tests for Failure of Passive Transfer and Association with BRD and NCD Pathogen-Specific Antibodies in Neonatal Calves Egon Thesing					
10:30-11:00	Break - Exhibit Hall (ground floor)					
	Moderator: Rodrigo González López					
11:00-11:45	KEYNOTE LECTURE Insights into genetic disorders in cattle PhD Joana Jacinto & PhD Arcangelo Gentile					
	SCIENTIFIC CONFERENCE					
11:45-12:05	Comparison of accuracy of sonography, rectal palpation, and PAG test for pregnancy diagnosis in cows Maria Sady					
12:05-12:25	Effect of parenteral micronutrient supplementation at birth on immunity, growth, and health in pre-weaning dairy heifers Angel Abuelo					
12:25-12:45	Effect of a T-cell immunomodulator on the percentage of immune cells in the uterus of dairy cows during					
	the puerperium Juan Manuel Guillen-Muñoz					
12:45-13:05	the puerperium					

13:05-13:25 Colostrum from dairy cows Katharina Lichtmannsperger 13:25 15:30 Lunch - Exhibit Hall (ground floor) SIMPOSIUM

SIMPOSIUM
MODERATOR: Lucía Eliana Rangel Porta
"Reproductive biotechnologies in cattle"
Dra. Nina Casagrande
Accelerating Sustainable Genetics Faster with Hormone Free IVF

Or. Juan Moreno
Genetic advances to create sustainability
ORGANIZED BY AMMVEB

TUESDAY MAY

COZUMEL D 7:45 - 17:00

POSTERS

Room Coordinator - Javier Hernández Ignacio Questions about posters (7:45 - 8:45)

WEDNESDAY MAY



200M	TOPIC	TII	ME	CONFERENCE TITLE
ROOM	TOPIC	- "	ME	
				Room Coordinator: Itzayana Mejía Flores Moderator: Luis Corona Gochi
		8:45	5 -9:30	KEYNOTE LECTURE Methane mitigation feed technologies Dr. Matthew George
				SCIENTIFIC CONFERENCE
		9:30	0-9:50	Effect of Astragalus mollissimus on ruminal fermentation, methane emissions and performance of sheep's Einar Vargas Bello Pérez
		9:50)-10:10	Evaluation of brown and red sub-Antarctic macroalgae a as feed for ruminants Lizbeth Esmeralda Robles Jiménez
		10:10	0-10:30	Comparative evaluation of near infrared spectroscopy portable and laboratory equipment in the nutritive analysis of corn silages Jorge Zegarra Paredes
		10:30	0-11:00	Break - Exhibit Hall (ground floor)
				Moderator: Luis Corona Gochi
				KEYNOTE LECTURE
		11:00	11:00-11:45	Nutritional Management of Transition Dairy Cows
				Hıdır Gençoğlu 🧿
, Z	ő			SCIENTIFIC CONFERENCE
3	NUTRITION	11:45	5-12:05	Relationships Between Fecal Nutrient Content Milk Composition of Dairy Cows in Different Lactation Period Hıdır Gençoğlu
GRAN	5	12:0	5-12:25	By pass Omega 3 fatty acids effect on reproductive and productive performance of dairy cattle Javier López Paredes
		12:25	5-12:45	The effect of feeding a mineral binder during the close-up period to multiparous Jersey cows on postpartun blood minerals – A randomized field trial
		1000		Rita Couto Serrenho
		12:45	5-13:05	Rita Couto Serrenho Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo
			5-13:05 5-13:25	Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows
		13:0		Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo Enhanced Creep Feeding with Calcium Propionate: Boosting Ruminal Papillae Development, Performance, and Metabolomic Meat Features in Lambs
		13:0	5-13:25	Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo Enhanced Creep Feeding with Calcium Propionate: Boosting Ruminal Papillae Development, Performance, and Metabolomic Meat Features in Lambs José Antonio Martínez García
		13:0	5-13:25	Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo Enhanced Creep Feeding with Calcium Propionate: Boosting Ruminal Papillae Development, Performance, and Metabolomic Meat Features in Lambs José Antonio Martínez García Lunch - Exhibit Hall (ground floor)
		13:0	5-13:25	Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo Enhanced Creep Feeding with Calcium Propionate: Boosting Ruminal Papillae Development, Performance and Metabolomic Meat Features in Lambs José Antonio Martínez García Lunch - Exhibit Hall (ground floor) SYMPOSIUM "Improving livestock reproductive technology performance with trace element
		13:09 13:29	5-13:25	Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo Enhanced Creep Feeding with Calcium Propionate: Boosting Ruminal Papillae Development, Performance and Metabolomic Meat Features in Lambs José Antonio Martínez García Lunch - Exhibit Hall (ground floor) SYMPOSIUM "Improving livestock reproductive technology performance with trace element supplementation" Luis Armando Contreras Méndez "Practical reproduction strategies in cattle farming in the New World"
		13:09 13:29	5-13:25 5 15:30	Biochemical effects of preventive protocols for ketosis during the transition period in dairy cows Anastasia Lisuzzo Enhanced Creep Feeding with Calcium Propionate: Boosting Ruminal Papillae Development, Performance and Metabolomic Meat Features in Lambs José Antonio Martínez García Lunch - Exhibit Hall (ground floor) SYMPOSIUM "Improving livestock reproductive technology performance with trace element supplementation" Luis Armando Contreras Méndez

"Reproduction technology and the place of ITMS" **SPONSORED BY VIRBAC**



ROOM	TOPIC	TIME	CONFERENCE TITLE
			Room Coordinator: Silvia Morales Méndez Moderator: Griselda Valdez Magaña
	BUFFALO AND CAMELIDS	8:45 -9:30	KEYNOTE LECTURE South American camelids in society and research – an update Dr. Thomas Wittek
	CA		SCIENTIFIC CONFERENCE
	AND	9:30-9:50	Neurological deficits in an alpaca after microchip placement Floriana Sajovitz
	FALO	9:50-10:10	Can limiting stress be a part of mange treatment in alpacas? A case study Marilena Bolcato
	BUFI	10:10-10:30	Study on composition of alpaca colostrum Thomas Wittek
		10:30-11:00	Break - Exhibit Hall (ground floor)
			Moderator: Ulises Jesús Bautista Pérez
N Z Z		11:00-11:45	KEYNOTE LECTURE Novel approaches for helminth control in ruminants: special emphasis on gastrointestinal nematodes and Dictyocaulus viviparus Dr. Elke Von son de Fernex
ጀ'ጋ			SCIENTIFIC CONFERENCE
GRAN	ORT COMMUNICATIONS	11:45-12:05	What is the effect of consuming dairy products and beef on the climate? Frank van Eerdenburg
		12:05-12:25	Ultrasound made simple: How to diagnose abdominal and thoracic diseases with a transrectal probe. The BovATUS (Bovine Abdominal Thoracical ultrasound) method Camilo Cabra Garcia
		12:25-12:45	Clinical and cytological evaluation of the cervix in relation to the estrous cycle in grazing dairy cows from high-altitude tropical herds in a pasture-based systems Dario Antonio Vallejo Timarán
	COMIN	12:45-13:05	Macro-minerals elements behavior in cows transition period René Rosiles Martínez
	SHORT (13:05-13:25	The use of a topical, rapid-drying liquid barrier dressing containing copper acetate and zinc chloride as a treatment for Udder Cleft Dermatitis lesions in dairy cattle in the UK Mike Kerby
		13:25 15:30	Lunch - Exhibit Hall (ground floor)
		15:30-17:30	"The Impact of GI Parasite Resistance on Cattle Operations and a New Solution For Veterinarians and Producers" Dr. Melissa George Dr. Frederico Moreira Dr. Sally Oswin Dr. Jase Ball

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ROOM TOPIC TIME **CONFERENCE TITLE** Room Coordinator: Antonio Ortíz Hernández **Moderator: Andrés Ernesto Ducoing Watty KEYNOTE LECTURE** 8:45 -9:30 Sustainable control of caprine reproduction through sociosexual interactions PhD José Alberto Delgadillo Sánchez **SCIENTIFIC CONFERENCE** Milk and Tissue Residue Depletion of Two Dry-Cow Intramammary Antimicrobials in Dairy Goats 9:30-9:50 GOATS Michelle Plotzker Buckley Is crossbreeding with Boer the answer to improve live weight and growth of Nubian kids in flocks of 9:50-10:10 Colima, Mexico? Rafael Julio Macedo Barragán Mannheimia haemolytica vaccination of pregnant goats to enhance the transfer of passive immunity 10:10-10:30 against pneumonic pateurellosis Pleun Penterman 10:30-11:00 **Break - Exhibit Hall (ground floor) Moderator: Andrés Ernesto Ducoing Watty KEYNOTE LECTURE** 11:00-11:45 Assisted Reproductive Technologies (ARTs) in sheep and goats PhD Alejo Menchaca 📛 **SCIENTIFIC CONFERENCE** Diagnostic Methods for Assessing Transfer of Passive Immunity in lambs 11:45-12:05 Raquel Fraga e Silva Raimondo Small ruminant lentiviruses on different production systems in Portugal 12:05-12:25 João Jacob Ferreira Genetic characterization and variability of Pelibuey, Katahdin, Black Belly, Saint Croix, Suffolk, Hampshire 12:25-12:45 and Dorset sheep in Mexico using microsatellites Antonio Roldán Roldán SHEEPS Partial biochemical and immunological characterization of some pregnancy-associated glycoproteins 12:45-13:05 (PAG) in ovine Griselda Valdez Magaña Prevention of digital dermatitis using bacterial complex-based solution 13:05-13:25 **Raphael Guatteo** 13:25 15:30 **Lunch - Exhibit Hall (ground floor)** WORKSHOP "Practical applications of Doppler ultrasound in cow reproduction" AND "A Machine Learning based tool to improve accuracy of Diary Health Management and 15:30-17:30 speed up the ultrasound examination/workflow."

Dr. Guilherme Pugliesi
Dr. Rodolfo Luzbel de la Sota
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ООМ	TOPIC	TIME	CONFERENCE TITLE
			Room Coordinator: Luis Fernando Espinosa Castillo Moderator: Fernando Cerón Téllez
		8:45 -9:30	KEYNOTE LECTURE Vaccination against IBR & BVD; what to consider? PhD Christopher Chase
	S		SCIENTIFIC CONFERENCE
	S DISEASE	9:30-9:50	Efficacy of a modified-live attenuated Mycoplasma bovis vaccine in 1 week old calves against a virulen Mycoplasma bovis challenge strain David J Asper
	INFECTIOUS DISEASES	9:50-10:10	Comprehensive whole genomic analysis of Escherichia coli and Salmonella spp. isolates in neonatal diarrhea among calves from Latin American Industrial Dairy Farms Pablo Cifuentes
GRAN CANCÚN 4		10:10-10:30	Effect of Salmonella Dublin latent-carrier dry cow vaccination on bacterial shedding and intrauterine transmission Angel Abuelo
Ų		10:30-11:00	Break - Exhibit Hall (ground floor)
\			Moderator: Ana Silvia González Méndez
O		11:00-11:45	KEYNOTE LECTURE The experience of BVD & IBR control in Europe; how it started and where are we? PhD João Niza
			SCIENTIFIC CONFERENCE
	S	11:45-12:05	Ovine Clostridium septicum epidermal necrolysis dermatitis: A herd report Karima Al Salihi Al Salihi
	DISEASES	12:05-12:25	Dichelobacter nodosus from footrot outbreaks in Uruguayan sheep herds Ludmila Slimovich Eguiño
	SU	12:25-12:45	Bovine Immunodeficiency Virus seroprevalence in Great Britain and immunophenotyping in animals co infected with Mycobacterium bovis Neil Watt
	INFECTIO	12:45-13:05	In vitro antimicrobial resistance of bacteria isolated from bovine clinical mastitis in Germany Luis León
	<u>Z</u>	13:05-13:25	Field study comparing two intramammary antibiotics for the treatment of bovine clinical mastitis Luis León
		13:25 15:30	Lunch - Exhibit Hall (ground floor)
		15:30-17:30	SYMPOSIUM "Get that extra grip on viral diseases"



ROOM TOPIC	TIME	CONFERENCE TITLE
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TIME	CONFERENCE TITLE
	Room Coordinator: Ángel Yetzel Osio Martínez Moderator: Rodrigo González López
8:45 -9:30	KEYNOTE LECTURE Control of digital dermatitis in cattle: an evidence-based approach PhD Raphael Guatteo
	SCIENTIFIC CONFERENCE
9:30-9:50	Analysis of single animal disease costs in dairy farms in eastern Germany Melanie Schären Bannert
9:50-10:10 Critical con	trol points for colostrum contamination and prevalence of Mycoplasma bovis in first milking colostrum from Scottish dairy herds Alexandra Haggerty
10:10-10:30 Environmen	ntal sampling for paratuberculosis screening: preliminary results in cow-calf herds during the stabling season Gilles Foucras
10:30-11:00	Break - Exhibit Hall (ground floor)
	Moderator: Rodrigo González López
11:00-11:45 Pro	KEYNOTE LECTURE oduction impacts and resistance of gastrointestinal nematodes in feedlot cattle PhD Dr. Melissa George
	SCIENTIFIC CONFERENCE
11:45-12:05 Efficacy of a	multivalent parenteral marker vaccine as a booster of a BRSV intranasal vaccine by means of immunological response Marta Gibert Lleixa
12:05-12:25	Age distribution and severity of corkscrew claws in 10 Danish dairy herds Nynne Capion
Decrease in 12:25-12:45	type G immunoglobulins in the colostrum of dairy cows and suckling cows during the first 5 days after calving Geert Vertenten
Thoracic Ul- 12:45-13:05	trasonography (TUS) to Evaluate Respiratory Lesions in Transported Calves: Impact of Time, Breed, Sex, and Transport Cohort Luca van Dijk
13:05-13:25 On-farm	n evaluation of the neonatal hygiene management protocol using ATP bioluminescence Pleun Penterman
13:25 15:30	Lunch - Exhibit Hall (ground floor)
	SYMPOSIUM conatal calf health: cryptosporidiosis and salmonellosis current situation"
	g cryptosporidiosis with paromomycin sulfate as metaphylactic treatment in neonatal dairy calves Dr. Sonia Vázquez Flores Resistance Genes of Salmonella enterica Serovars in neonatal and peripartum cows and their environment Dr. Sonia Vázquez Flores

POPULATION PRODUCTION MEDICINE

THURSDAY MAY

TOPIC TIME **CONFERENCE TITLE** ROOM Room Coordinator: Javier Hernández Ignacio Moderator: Lucía Eliana Rangel Porta KEYNOTE LECTURE Applying assisted reproductive technology and reproductive management to reduce CO2-8:45 -9:30 REPRODUCTION equivalent emission in dairy and beef cattle PhD Pietro Baruselli **SCIENTIFIC CONFERENCE** The influence of the uterine activity in the cows during postpartum period 9:30-9:50 Zdzisław Gajewski Pregnancy Associated Glycoprotein Carryover in Individual Milking Robots 9:50-10:10 **Rafael Paiva** Pregnancy evaluation with a point-of-care pregnancy test in dairy cattle 10:10-10:30 Zoltán Szelényi 10:30-11:00 **Break - Exhibit Hall (ground floor)** Moderator: Carlos G. Gutiérrez y Ali Fouladi Nashta **KEYNOTE LECTURE** 11:00-11:45 Fixed-time artificial insemination (FTAI) with and without estradiol: Two worlds and One Health PhD Alejo Menchaca **SCIENTIFIC CONFERENCE** Effect of a targeted reproductive management program based on automated estrus alerts during the CANCÚN 11:45-12:05 voluntary waiting period on reproductive performance of lactating dairy cows **Ana Laura Laplacette** Association between estrus detected by an automated behavior monitoring system during the VWP with 12:05-12:25 physiological outcomes and reproductive performance of lactating dairy cows **Ana Laura Laplacette** Predicting the Reproductive Performance of Transition Cows on Automatic Milking Systems 12:25-12:45 REPRODUCTION **Fergus Hannon** Evaluation of a needle-free injection system for administration of cloprostenol for luteolysis in lactating 12:45-13:05 dairy cows **Alyssa Leslie** Immunoglobulin G levels of dairy-sourced calves at the point of entering the beef rearing unit, measured 13:05-13:25 using a novel lateral flow device, and their association with performance during rearing **Benjamin Barber** 13:25 15:30 **Lunch - Exhibit Hall (ground floor) SYMPOSIUM** "Reproducing value" 1. Dr. Pietro Baruselli Impact of IATF on productive and economic sustainability in bovines. 2. Dr. Alejo Menchaca 15:30-17:30 Keys to the success of IATF in bovine programs 3. Dr. Daniel Martines Bello Economyc analysis of the use of embryo technologies in cattle

4. Dr. Victor Di-Bella
Application of embryo technologies to improve productivity in bovine herds in MexicoApplication of embryo
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THURSDAY MAY 23

MAY, 20 - 24, 2024 CANCUN, MEXICO

ROOM	TOPIC	TIME	CONFERENCE TITLE
			Room Coordinator: Antonio Martínez Loeza Moderator: José Luis Dávalos Flores
	ECTS OF	8:45 -9:30	KEYNOTE LECTURE Practical understanding of BVDV to better control disease and circulation Dr Nicolás Arias (*)
	ASP OUC		SCIENTIFIC CONFERENCE
	SOCIO-ECONOMIC ASPECTS RUMINANT PRODUCTION	9:30-9:50	Economic and performing benefits of implementing an automated behavior monitoring system in a Brazilian Dairy farm Anna Luiza Belli
		9:50-10:10	Economic benefits of abrupt dry-off with cabergoline injection in dairy cows. A field case in Vietnam Philippe Gisbert
		10:10-10:30	Understanding dairy smallholders' intention to participate in the control and eradication of bovine brucellosis Carlos Galdino Martínez García
		10:30-11:00	Break - Exhibit Hall (ground floor)
			Moderator: Rafael Olea Pérez
8	D ENVIRONMENTAL IMPACT	11:00-11:45	KEYNOTE LECTURE Livestock health, breeding and genetics: the connection with sustainability MSc Ruaraidh Petre
ZZ			SCIENTIFIC CONFERENCE
GRAN		11:45-12:05	Reduced methane eructation in smallholder large ruminants with a dietary tannins and citral extract Peter Windsor A
2		12:05-12:25	Scenario analysis of the consequences of heat stress on enteric methane emission in dairy herds Long Chen
		12:25-12:45	Unveiling the Evolution of Dairy Cattle Farming in Chile over two decades Paula Toro Mujica
	VIRONI	12:45-13:05	The Use of Machine Learning to Predict Cow and Herd Level Outcomes and Optimise Dairy Herd Management Andrew Bradley
	AND EN	13:05-13:25	Influence of reduced age at slaughter on the carbon footprint of beef herd under the life cycle assessment metric Lais Abreu
	Ľ	13:25 15:30	Lunch - Exhibit Hall (ground floor)
	SUSTAINABILITY AN	15:30-17:30	SYMPOSIUM MODERATOR: Rafael Olea Pérez "SUSTAINABILITY" Dr. Francisco Galindo Maldonado Sustainable livestock systems: towards meeting the sustainable development objectives (ODS). Dr. Juan Ku Vera Mitigation of greenhouse gas emissions in livestock production Dr. Ruaraidh Petre Healthy Animals, Healthy People, Healthy Planet
			ORGANIZED BY AMMVEB

М	TOPIC	TIME CONFERENCE TITLE		
			Room Coordinator: Diana Martínez Albarrán Moderator: Ulises Jesús Bautista Pérez	
	SNO	8:45 -9:30	KEYNOTE LECTURE Dietary improvement of fertility in post-partum dairy cows PhD Ali A. Fouladi-Nashta	
	₽		SCIENTIFIC CONFERENCE	
	MMUNIC	9:30-9:50	Initial report: Osteochondrosis dissecans emerging as important lesion in postmortem exams in Mexico Esteban Gallegos	
	SHORT COMMUNICATIONS	9:50-10:10	Randomized, non-inferiority trial evaluating the efficacy of a novel teat sealant in pasture grazed dairy cows J. M. Swinkels	
	S	10:10-10:30	Causes of sudden death in cattle, a practical way to differentiate them in the field Ulises Jesús Bautista Pérez	
		10:30-11:00	Break - Exhibit Hall (ground floor)	
			Moderator: Nuria Isabel Acevedo Rojas	
		11:00-11:45	KEYNOTE LECTURE Smart nutrition: improving milk fat quality of ruminants Einar Vargas-Bello-Pérez	
			SCIENTIFIC CONFERENCE	
	SNC	11:45-12:05	Extensive and severe necrotic tongue lesions in Canadian feedlot cattle Katie Waine	
	HORT COMMUNICATIONS	12:05-12:25	The number of white blood cells in European Bison (Bison bonasus) increases in late autumn - a quirk or the rule? Preliminary data Karolina Ferenc	
	ORT COMIN	12:25-12:45	Can the ATP bioluminescence meter be used as an on-farm tool for assessing the microbiological quality of drinking water? Pleun Penterman	
	SHC	12:45-13:05	Do goats feel?: an approach to sentience and emotions Diana Patricia Martínez Albarrán	
		13:05-13:25	Seropositivity of bovine brucellosis and its effects on reproduction in cross breed dairy cattle in addis ababa and the surrounding dairy shades Anteneh Mersha Yenehun	

Lunch - Exhibit Hall (ground floor)

13:25 15:30

THURSDAY MAY

MAY, 20 - 24, 2024 CANCUN, MEXICO

ROOM	TOPIC	TIME	CONFERENCE TITLE
	ies		Room Coordinator: Carmina Zárate Lozano Moderator: Lysett Corona Gómez
		8:45 -9:30	KEYNOTE LECTURE Inflamatory responses in tissue and mucus of reproductive tract in perparturient cow MPhil Takeshi Osawa ●
	ËÀ		SCIENTIFIC CONFERENCE
	INFECTIOUS DISEASES	9:30-9:50	Main bovine respiratory infectious agents identified on stethoscopes and boots from 12 rural veterinary clinics Geert Vertenten
	INFECTI	9:50-10:10	Characterization of the lower respiratory tract virome in dairy calves with and without clinical respiratory disease signs Kerli Mõtus
		10:10-10:30	Effect of tulathromycin metaphylaxis on the nasopharyngeal microbiome, resistome, and Mannheimia haemolytica isolation in cattle Amelia Woolums
		10:30-11:00	Break - Exhibit Hall (ground floor)
			Moderator: Laura Hernández Andrade
4		11:00-11:45	KEYNOTE LECTURE Metritis in dairy cattle: Fighting an old disease with new knowledge Dr. Richard Pereira
35			SCIENTIFIC CONFERENCE
GRAN	SES	11:45-12:05	Relationship between Thoracic Ultrasonography Findings and Etiology of Bovine Respiratory Diseases in Beef Cattle during the First Month after Arrival Maud Rouault
		12:05-12:25	Assessment of Vaccine Interference Observed Following Co-Administration of Two Modified-Live Viral Intranasal Vaccines to Colostrum-Fed Neonatal Calves in the Face of a BHV1(IBR) Challenge Michael W. Bolton
	OISEA	12:25-12:45	Addressing bvd endemicity: understanding its prevalence in mexican herds Ana Delia Rodríguez Cortez
	OUS DISEASES	12:45-13:05	Loop-Mediated Isothermal Amplification (LAMP) for the diagnosis of bovine diarrhea virus Fernando Cerón Téllez
	INFECTI	13:05-13:25	Prevalence, biosecurity and risk management of bovine coronavirus infections on white and rose veal and dairy source beef calf farms in Europe. Anna Catharina Berge
		13:25 15:30	Lunch - Exhibit Hall (ground floor)
		15:30-17:30	SIMPOSIUM MODERATOR: Dr. Gerhardt Schurig "Brucelosis control and challenges" Control of brucellosis using RB51 vaccine in adult beef cows Dr. Carlos Fernandes Alternatives for the control of bovine brucellosis by vaccination in Latin America Dr. Luis Samartino Practical strategies in the elimination of bovine brucellosis in Mexico Dr. Eduardo Luna

SPONSORED BY AMMVEB - MSD

7:45 - 17:00

ORGANIZED BY AMMVEB



FRIDAY MAY 24

ROOM	TOPIC	TIME	CONFERENCE TITLE
GRAN CANCÚN 1	ON		Room Coordinator: Javier Hernández Ignacio Moderator: Luis Alberto Zarco Quintero
		8:45 -9:30	KEYNOTE LECTURE Reproductive management strategies to place high-producing dairy cows in the high-fertility cycle PhD Roberto Sartori
			SCIENTIFIC CONFERENCE
		9:30-9:50	Clinical and cytological cervix findings and occurrence of postpartum uterine diseases in grazing dairy cows from high-altitude tropical herds Dario Antonio Vallejo Timarán
AN	TOOC	9:50-10:10	The effect of heat stress on periparturient diseases in dairy cows Karen Wagener
U	REPRODUCTION	10:10-10:30	Endometrial macrophage populations in the establishment and persistence of subclinical endometritis of postpartum dairy cows Catarina Anastácio
		10:30-10:50	Association of lochia cytokines and serum amyloid A during the early postpartum period with subsequent reproductive performance in eutocia and dystocia beef cows Takeshi Osawa
		10:50-11:10	The effect of heat stress on reproductive performance of dairy cows Muhittin Tekin
	λE	11:10-11:30	Anti-Müllerian Hormone (AMH) concentrations and weaning weight in beef heifers born to cows subjected to mid-pregnancy weaning stress Juan Hernández Medrano
			Room Coordinator: Rodrigo González López Moderator: Lilia Gutiérrez Olvera
		8:45 -9:30	KEYNOTE LECTURE Recrystallization of enrofloxacin to generate a solvate with outstanding physicochemical and pharmacological properties for bovine medicine PhD Héctor Sumano López
	9		SCIENTIFIC CONFERENCE
GRAN	TOXICOLOGY	9:30-9:50	Evaluation of the healing process of lung lesions following treatment with florfenicol and meloxicam in veal calves affected by bovine respiratory disease during one production cycle Anastasia Lisuzzo
3	₽	9:50-10:10	A pharmacological perspective on the use of Benzyl-penicillin G in production veterinary medicine in Latin America Itzcoatl Felipe Aquino Díaz
	ACOLOG	10:10-10:30	Clinical evaluation of an alginate-enro-c (enrofloxacin hydrochloride/dihydrate) hydrogel for the treatment of various lesions and in various procedures in bovines Lilia Gutiérrez Olvera
	PHARMACOLOGY AN	10:30-10:50	Effect of additional prednisolone in intramammary treatment of clinical mastitis J. M. Swinkels
		10:50-11:10	Evaluation of the treatment efficacy of generic enrofloxacin compared to pioneer enrofloxacin for first treatment of naturally occurring bovine respiratory disease in a commercial feedlot Miles Theurer
		11:10-11:30	The effect of metaphylactic use of tildipirosin for the control of naturally occurring bovine respiratory

disease on performance and profitability in high-risk feedlot cattle **Paulo Henrique Jorge da Cunha**

11:10-11:30

FRIDAY MAY

ROOM	TOPIC	TIME	CONFERENCE TITLE
M Z			Room Coordinator: Leticia Blanco De Britto Velho
			Moderator: Miguel Ángel Quiroz Martínez
	ICS		KEYNOTE LECTURE
		8:45 -9:30	Using genomics to reduce methane emissions in livestock Dr. Hugo Oswaldo Toledo Alvarado
			SCIENTIFIC CONFERENCE
		9:30-9:50	Seasonal sinusoidal modeling and deviations in milk traits due to short-term heat stress as indicators of the resistance and resilience of different dairy cow breeds on the plains and in the mountains Gustavo Javier Martínez Marín
GRAN	GENETI	9:50-10:10	Quantile regression for prediction of complex traits in braunvieh cattle using snp markers and pedigree Jonathan Emanuel Valerio Hernández
2	G	10:10-10:30	Genetic parameters of milk composition of Brown Swiss dairy cattle in Italy Eunice Zurizadai Flores Ramírez
		10:30-10:50	Recessively inherited osteochondrodysplasia TGDS and LAMA4-related in Chianina cattle Joana G.P. Jacinto
		10:50-11:10	BLIRD, a new genetic disorder affecting immunity and life expectancy in Holstein dairy cattle Gilles Foucras
		11:10-11:30	DYRK1B haploinsufficiency in Holstein cattle with epilepsy Joana G.P. Jacinto
	ILITY		Room Coordinator: Israel Daniel Ricardo González Moderator: Silvia Denise Peña Betancourt
			KEYNOTE LECTURE
	. AB	8:45 -9:30	Basic aspects to ensure silage quality
	ACE.	É	Ing Carlos Orozco
	T R		SCIENTIFIC CONFERENCE
4	ALITY AND TRACEABILITY	9:30-9:50	Characteristics of Extended-Spectrum ß-Lactamases-producing Escherichia coli from the Shkumbini Rive in Albania Florian Plaku
F 41B	-		Tiorian Flaku
GRAN	\supset	9:50-10:10	Monitoring colostrum quality as a lever for improving calf health Raphael Guatteo
GRAN	\supset	9:50-10:10 10:10-10:30	Monitoring colostrum quality as a lever for improving calf health Raphael Guatteo
GRAN	\supset		Monitoring colostrum quality as a lever for improving calf health Raphael Guatteo Risk factors associated with high counts of total plate count and somatic cell count in raw milk and total coliform in fresh cheeses produced in goat family farms Israel Daniel Ricardo González
GRAN	PUBLIC HEALTH, FOOD QUALITY	10:10-10:30	Monitoring colostrum quality as a lever for improving calf health Raphael Guatteo Risk factors associated with high counts of total plate count and somatic cell count in raw milk and total coliform in fresh cheeses produced in goat family farms Israel Daniel Ricardo González Does bovine raw milk represent a potential risk for vancomycin resistant Enterococci (VRE) transmission?

J. M. Swinkels



CONFERENCE TITLE ROOM TOPIC TIME

	CS		Room Coordinator: Jazmín De la Luz Armendáriz Moderator: Dumar Alexander Jaramillo Hernández
	EDUCATION IN RUMINANT VETERINARY MEDICINE AND ZOOTECHNICS	8:45 -9:30	KEYNOTE LECTURE Challenges and Opportunities in Veterinary Medical Education to meet the needs of Food Animal Producers Dr. Carlos Risco
	9		SCIENTIFIC CONFERENCE
GRAN CANCÚN 5	IEDICINE AN	9:30-9:50	Development of clinical cases in ruminants by students of the Bachelor's Degree in Veterinary Medicine and Animal Science in the subjects of General and Systemic Pathology at the UAMVZ-UAZ Victoria Elizabeth Castrellón Ahumada
	RINARY N	9:50-10:10	Who "fits" in farm animal practice: A mixed methods study of veterinary student perceptions John Remnant
O	LT VETE	10:10-10:30	Global perspectives on education of veterinary students on antimicrobial stewardship Sarah Wood
	I RUMINAN	10:30-10:50	Rapid and efficient BVDV control in a large industrial dairy farm using various diagnostic toolkits in Hungary, Central Europe Attila Dobos
	JCATION IN	10:50-11:10	Effects of communication training on veterinarians' motivational interviewing adherent and non-adherent behavior assessed by herd health recordings Linda Dorrestein
	ED	11:10-11:30	What are the day one skill requirements for future farm vets?

GRAN CANCÚN 3

12:00 - 12:30

CLOSING CEREMONY

Sarah Wood



WORLD ASSOCIATION FOR BUIATRICS AND LATIN AMERICAN ASSOCIATION FOR BUIATRICS PROGRAM

Private meetings

TULÚM ROOM

	MONDAY, May 20		
10:00 - 12:30	EXCO (1st meeting)		
15:00 - 17:00	Board of Governors (1st meeting)		
19:00	Opening of the congress		
TUESDAY, May 21			
09:30 - 11:00	Board of Governors (2nd meeting)		
11:45 - 13:30	EXCO (2nd meeting)		
	WEDNESDAY, May 22		
09:00 - 11:00	Board of Governors (3rd meeting)		
11:45 - 13:30	Meeting with the industry representatives		
13:30 - 15:00	Lunch with awarded (student's and president's award, Rosenberger award)		
15:30 - 17:30	BID presentation		
	THURSDAY, May 23		
09:00 - 10:30	Latin American Association for Buiatrics meeting		
11:00 - 13:00	General Assembly of the WAB		
15:30 - 17:30	New Board of Governors (1st meeting)		
21:00	Gala Dinner		
	FRIDAY, May 24		
09:00 - 11:00	New Board of Governors (2nd meeting)		



PREMIUM SUPPORTERS







