



XXVII
world
buiatrics
congress 2012
lisbon portugal

June 3 - 8

Lisbon Congress Centre

Scientific Programme

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WELCOME LETTER



Welcome to Lisboa!

It is a great pleasure to host the XXVII World Buiatrics Congress in the beautiful Lisboa, capital of Portugal. We extend a very warm welcome from the Country that brought new worlds to the World, through its Maritime Discoveries. Bem Vindos, Herzlich Willkommen, Bien Venue and Bienvenidos to Lisboa.

We are very pleased to inform you that we received over 1200 abstracts, which were all submitted to a blinded review by a panel of 3 international referees, to ensure no bias occurred in the evaluation. We have 32 keynote lectures, 289 oral communications and 772 poster presentations. Delegates from around 66 countries are joining us to participate at the XXVII World Buiatrics Congress and we are also hosting the VII Symposium of the European College of Bovine Health Management.

The congress will have 5 parallel scientific sessions, and simultaneous translation will be provided to Portuguese, German, French and Spanish in 3 auditoriums. Besides sessions dedicated to bovine related issues, we will also have sessions dedicated to small ruminants, buffaloes and camelids.

We are also pleased to inform you, that for the first time in a World Buiatrics Congress we have programmed 4 Round Tables. They will be a Forum for discussion of hot topics between Professors, Practitioners and other Professionals. Please take your time to enjoy this new approach that will hopefully provide some interesting discussion.

We really hope that the high level of the scientific programme, the cultural interest of the Opening Ceremony and the Welcome Reception, held at the Lisbon Congress Centre, and the Gala Dinner, with a Portuguese Horse show, will offer a special taste of the Portuguese tradition and provide a good memory of the Congress.

We are sure that Lisboa will bring you a joyful experience, not only because of the WBC and of the ECBHM Symposium, but also because you will have the opportunity to enjoy the long history of this beautiful city.

Last but not least, this Congress was only possible with the outstanding support of our Premium, Major, and Sponsor Partners, as well as of all other partners. Therefore they deserve our warmest and most sincere thanks.

In the name of the Organizing and Scientific Committees, we wish all of you an excellent and pleasant stay in Lisboa, Portugal.



João Cannas da Silva

Prof. João Cannas da Silva
Chairman of the Organizing Committee



José Luís Feio

Dr. José Luís Feio
Vice Chairman of the
Organizing Committee

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List of the Biennial "World Buiatrics Congresses"

Hannover (Germany)	1960	Mexico City (Mexico)	1978	Edinburgh (UK)	1996
Vienna (Austria)	1962	Tel Aviv (Israel)	1980	Sydney (Australia)	1998
Copenhagen (Denmark)	1964	Amsterdam (The Netherlands)	1982	Punta del Este (Uruguay)	2000
Zurich (Switzerland)	1966	Durban (South Africa)	1984	Hannover (Germany)	2002
Opatija (Yugoslavia)	1968	Dublin (Ireland)	1986	Quebec (Canada)	2004
London (UK)	1970	Palma de Mallorca (Spain)	1988	Nice (France)	2006
Philadelphia PA (USA)	1972	San Salvador da Bahia (Brazil)	1990	Budapest (Hungary)	2008
Milan (Italy)	1974	St Paul MN (USA)	1992	Santiago (Chile)	2010
Paris (France)	1976	Bologna (Italy)	1994		

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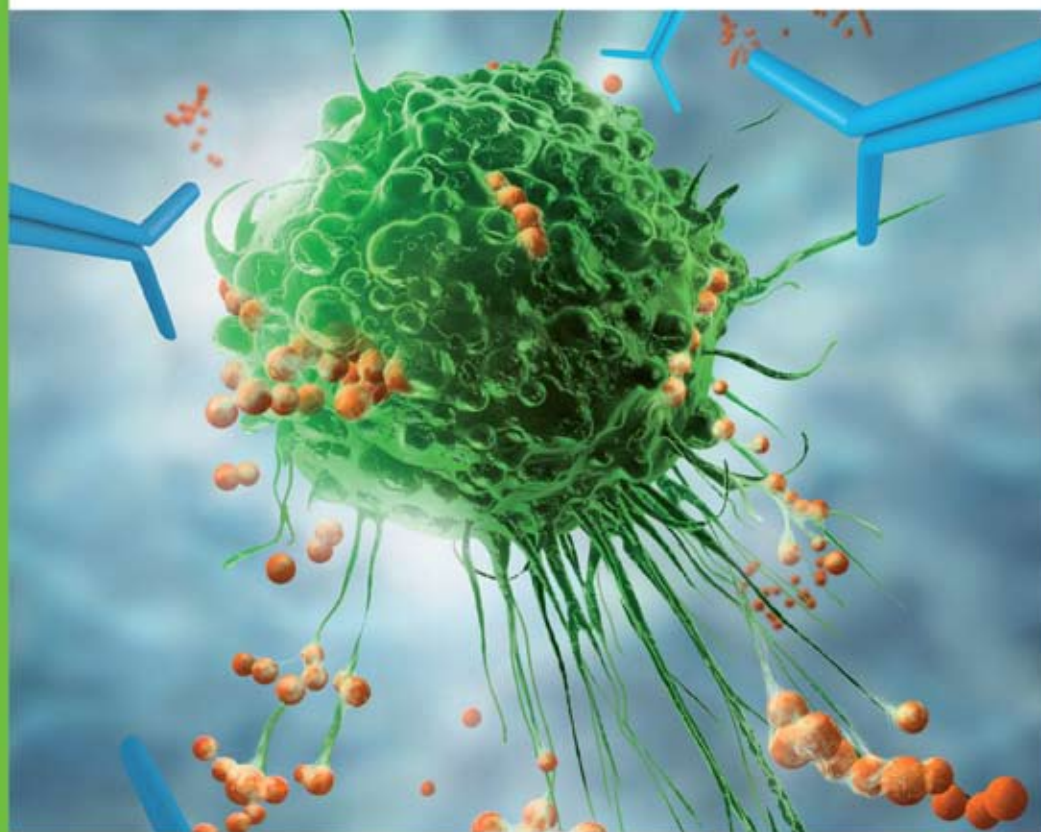
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HIPRA Symposium

Mastitis Prevention: Results of Vaccination

Tuesday, June 5th 17:00h – Auditorium I

Lisbon Congress Centre



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57170 Arnes (Girona)
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SCIENTIFIC PROGRAMME OVERVIEW

June 4 - 7 | 2012

SUNDAY | JUNE 3 | 2012

02.00 - 08.00 pm

Registration desk opening

07.00 - 09.00 pm

Welcome to Portugal by Carminho Fado Singer (Fado - Heritage of Humanity)

Opening Ceremony and Welcome Reception



SCIENTIFIC PROGRAMME OVERVIEW

TIME	ROOM	ROOM 1	ROOM 2
		Simultaneous translation	
		UDDER HEALTH	HOT TOPICS
08.30 - 08.45 am	Contagious or Environmental – – a herd diagnosis		
08.45 - 09.00 am			
09.00 - 09.15 am			
09.15 - 09.30 am	Oral Communications		Oral Communications
09.30 - 09.45 am			
09.45 - 10.00 am			
10.00 - 10.15 am			
10.15 - 11.00 am			
	MILK BREAK		
	UDDER HEALTH	PUBLIC HEALTH/FOOD SAFETY	
11.00 - 11.15 am	Oral Communications		How to balance food safety and animal welfare risks in primary animal production?
11.15 - 11.30 am			
11.30 - 11.45 am			
11.45 - 12.00 am			
12.00 - 12.15 pm			
12.15 - 12.30 pm			
12.30 - 12.45 pm			
12.45 - 02.15 pm			
	LUNCH		
	UDDER HEALTH	TROPICAL ANIMAL DISEASES	
02.15 - 02.30 pm	Opportunities for veterinary surgeons in mastitis control		Tick-borne diseases: practical approaches for control and prevention in tropical areas
02.30 - 02.45 pm			
02.45 - 03.00 pm			
03.00 - 03.15 pm	Oral Communications		Oral Communications
03.15 - 03.30 pm			
03.30 - 03.45 pm			
03.45 - 04.00 pm			
04.00 - 04.15 pm			
04.15 - 05.00 pm	MILK BREAK		
05.00 - 06.30 pm	Pfizer Symposium		

ROOM 3-4		ROOM 6-7	ROOM 8
IMMUNOLOGY		Simultaneous translation NUTRITION AND METABOLIC DISEASES	Simultaneous translation EPIDEMIOLOGY AND ANIMAL HEALTH ECONOMICS
Phagocyte-mediated innate immune reactions against the apicomplexan parasite <i>Eimeria bovis</i>		A herd health approach to dairy cow nutrition and production diseases of the transition and early lactation dairy cow	
Oral Communications		Oral Communications	Oral Communications
MILK BREAK			
INFECTIOUS DISEASE – BACTERIOLOGY AND VIROLOGY		NUTRITION AND METABOLIC DISEASES	EPIDEMIOLOGY AND ANIMAL HEALTH ECONOMICS
Oral Communications		Oral Communications	Costs of production diseases
			Oral Communications
LUNCH			
EPIDEMIOLOGY AND ANIMAL HEALTH ECONOMICS		NUTRITION AND METABOLIC DISEASES	EPIDEMIOLOGY AND ANIMAL HEALTH ECONOMICS
Oral Communications		What do we know about insulin resistance in dairy cows	
		Oral Communications	ROUND TABLE Reproductive performance in dairy cattle
MILK BREAK			

SCIENTIFIC PROGRAMME OVERVIEW

TIME	ROOM	ROOM 1	ROOM 2
		Simultaneous translation	
		REPRODUCTION	YOUNGSTOCK
08.30 - 08.45 am		Interaction of metabolic challenges and successful fertility in high yielding dairy cows	Oral Communications
08.45 - 09.00 am			
09.00 - 09.15 am			
09.15 - 09.30 am	Oral Communications		
09.30 - 09.45 am			
09.45 - 10.00 am			
10.00 - 10.15 am			
10.15 - 11.00 am	MILK BREAK		
		REPRODUCTION	YOUNGSTOCK
11.00 - 11.15 am		Oral Communications	The contribution of youngstock to production efficiency and environmental impact of dairy systems
11.15 - 11.30 am			
11.30 - 11.45 am			
11.45 - 12.00 am			
12.00 - 12.15 pm	Oral Communications		
12.15 - 12.30 pm			
12.30 - 12.45 pm			
12.45 - 02.15 pm	LUNCH		
		REPRODUCTION	YOUNGSTOCK
02.15 - 02.30 pm		Integrating metabolic and reproductive health in dairy cows	Inherited diseases of cattle
02.30 - 02.45 pm			
02.45 - 03.00 pm			
03.00 - 03.15 pm		Oral Communications	Oral Communications
03.15 - 03.30 pm			
03.30 - 03.45 pm			
03.45 - 04.00 pm			
04.00 - 04.15 pm			
04.15 - 05.00 pm	MILK BREAK		
05.00 - 06.30 pm		Hipra Symposium	

ROOM 3-4	ROOM 6-7 Simultaneous translation	ROOM 8 Simultaneous translation
DIAGNOSTIC IMAGING	INTERNAL MEDICINE	UDDER HEALTH
Endoscopy in ruminants - pros and cons	Bovine neonatal pancytopenia	
Oral Communications	Oral Communications	Oral Communications
MILK BREAK		
NUTRITION AND METABOLIC DISEASES	INTERNAL MEDICINE	EPIDEMIOLOGY AND ANIMAL HEALTH ECONOMICS
Oral Communications	Oral Communications	Control of endemic transmissible diseases: complementary insights from observational and modelling studies
		Oral Communications
LUNCH		
LAMENESS	INTERNAL MEDICINE	
Oral Communications	Use of hypertonic saline in cows and calves	ROUND TABLE The veterinary practice as a business
	Oral Communications	
MILK BREAK		

SCIENTIFIC PROGRAMME OVERVIEW

TIME	ROOM	ROOM 1	ROOM 2
		Simultaneous translation	
		LAMENESS	SMALL RUMINANTS
08.30 - 08.45 am		Advances in the understanding of the pathophysiology of infectious and non-infectious disorders associated with lameness	Oral Communications
08.45 - 09.00 am			
09.00 - 09.15 am			
09.15 - 09.30 am	Oral Communications		
09.30 - 09.45 am			
09.45 - 10.00 am			
10.00 - 10.15 am			
10.15 - 11.00 am	MILK BREAK		
	SURGERY	SMALL RUMINANTS	
11.00 - 11.15 am	Oral Communications	Health management of ewes during pregnancy	
11.15 - 11.30 am			
11.30 - 11.45 am			
11.45 - 12.00 am		Oral Communications	
12.00 - 12.15 pm			
12.15 - 12.30 pm			
12.30 - 12.45 pm			
12.45 - 02.15 pm	LUNCH		
	SURGERY	SMALL RUMINANTS	
02.15 - 02.30 pm	Current concepts and future developments in surgery, anaesthesia and pain management	Lung auscultation recordings and ultrasonographic findings in some common ovine respiratory diseases	
02.30 - 02.45 pm			
02.45 - 03.00 pm			
03.00 - 03.15 pm	Oral Communications	Oral Communications	
03.15 - 03.30 pm			
03.30 - 03.45 pm			
03.45 - 04.00 pm			
04.00 - 04.15 pm			
04.15 - 05.00 pm	MILK BREAK		
05.00 - 06.30 pm	MSD Symposium		

ROOM 3-4		ROOM 6-7 Simultaneous translation	ROOM 8 Simultaneous translation
PHARMACOLOGY		INFECTIOUS DISEASES – – BACTERIOLOGY AND VIROLOGY	IMMUNOLOGY
Reflections about the use of antimicrobial substances in food producing animals: prudent strategies against inherent problems		Vaccines and vaccination against viral diseases in cattle	
Oral Communications		Oral Communications	Oral Communications
MILK BREAK			
E-LEARNING/CONTINUING EDUCATION		INFECTIOUS DISEASES – – BACTERIOLOGY AND VIROLOGY	IMMUNOLOGY
21st century education in bovine health management: addressing the challenges			Age and immune response: tailoring of vaccination schedule
Oral Communications		Oral Communications	Oral Communications
LUNCH			
E-LEARNING/CONTINUING EDUCATION		INFECTIOUS DISEASES – – BACTERIOLOGY AND VIROLOGY	IMMUNOLOGY
Oral Communications		Infectious bovine respiratory diseases: from immunology to vaccination	
		Oral Communications	ROUND TABLE Farmers demands on veterinarians for the near future and veterinary response
MILK BREAK			

SCIENTIFIC PROGRAMME OVERVIEW

TIME	ROOM	ROOM 1	ROOM 2
		Simultaneous translation	
		HERD HEALTH AND QUALITY RISK MANAGEMENT	PARASITOLOGY
08.30 - 08.45 am		Sustainable dairy production & veterinary advisory practice	Oral Communications
08.45 - 09.00 am			
09.00 - 09.15 am			
09.15 - 09.30 am		Oral Communications	
09.30 - 09.45 am			
09.45 - 10.00 am			
10.00 - 10.15 am			
10.15 - 11.00 am		MILK BREAK	
		HERD HEALTH AND QUALITY RISK MANAGEMENT	PARASITOLOGY
11.00 - 11.15 am		Oral Communications	Practical guidelines promoting sustainable control of helminth parasites in sheep and cattle - the UK experience
11.15 - 11.30 am			Oral Communications
11.30 - 11.45 am			
11.45 - 12.00 am			
12.00 - 12.15 pm			
12.15 - 12.30 pm		Oral Communications	
12.30 - 12.45 pm			
12.45 - 02.15 pm			LUNCH
		HERD HEALTH AND QUALITY RISK MANAGEMENT	PARASITOLOGY
02.15 - 02.30 pm		Herd health: reproduction and beyond	Oral Communications
02.30 - 02.45 pm			
02.45 - 03.00 pm			
03.00 - 03.15 pm		Oral Communications	
03.15 - 03.30 pm			
03.30 - 03.45 pm			
03.45 - 04.00 pm			
04.00 - 04.15 pm			
04.30 - 04.45 pm		Closing Ceremony	

ROOM 3-4	ROOM 6-7 Simultaneous translation	ROOM 8 Simultaneous translation
CAMELIDS	BOVINE WELFARE & CATTLE COMFORT	REPRODUCTION
Reproductive disorders of female llamas and alpacas: failure to breed and early embryonic loss	Attitudes to contentious practices in dairy farming	Oral Communications
Oral Communications	Oral Communications	
MILK BREAK		
CAMELIDS	BOVINE WELFARE & CATTLE COMFORT	ORGANIC FARMING & ENVIRONMENTAL ISSUES
Oral Communications	Oral Communications	The environmental impact of dairy farming: how can the white stuff be green?
		Oral Communications
LUNCH		
	BOVINE WELFARE & CATTLE COMFORT	ORGANIC FARMING & ENVIRONMENTAL ISSUES
	The science of cow comfort: building better barns - seeing the freestall from the cow's perspective	ROUND TABLE Balanced nutrition as prerequisite for optimal cattle health, reproduction and production
	Oral Communications	

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ANIMALS

Animals feed us. They work for us. They comfort us.
Which is why our science is all about making them healthier.
Healthier animals mean sustainable food supplies, protection against
zoonotic disease, and longer, richer companionship for pet owners.
So from medicines and services to emerging technologies and whole
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SCIENTIFIC PROGRAMME

June 4 - 7 | 2012

SUNDAY | JUNE 3 | 2012

02.00 - 08.00 pm

Registration desk opening

07.00 - 09.00 pm

Welcome to Portugal by Carminho Fado Singer (Fado - Heritage of Humanity)

Opening Ceremony and Welcome Reception



ROOM 1

Udder health

KEYNOTE LECTURE

- 08.30 - 09.15 am **Contagious or Environmental - a herd diagnosis**
Ynte Schukken, *USA*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Udder pressure development before and after dry-off in cows with different milk yield**
Sandra Bertulat, *Germany*
- 09.30 - 09.45 am **Influence of infection pressure on efficacy of extended treatment of clinical mastitis**
Jantijn Swinkels, *The Netherlands*
- 09.45 - 10.00 am **DEMO project udder health: a first step towards a better udder health and milk quality in Flanders (Belgium)**
Sofie Piepers, *Belgium*
- 10.00 - 10.15 am **Udder health in the dry period in organic dairy farms**
Volker Kroemker, *Germany*
- 10.15 - 11.00 am **Milk Break**
- 11.00 - 11.15 am **Evaluation of selective antibiotic treatment at dry-off based on milk culture results using petrifilm™ on farm in low somatic cell count herds**
Jean-Philippe Roy, *Canada*
- 11.15 - 11.30 am **Methodological framework for the use of bacteriology by the vet practitioner in mastitis control**
Francis Sérieys, *France*
- 11.30 - 11.45 am **Efficacy of an on-farm culture system for the selective treatment of clinical mastitis**
Alfonso Lago, *USA*
- 11.45 - 12.00 am **Is there a place for welfare scoring systems of dairy cows in udder health?**
João Niza Ribeiro, *Portugal*
- 12.00 - 12.15 pm **Hyperkeratosis characterization and welfare in dairy cows**
Joaquim Cerqueira, *Portugal*
- 12.15 - 12.30 pm **Association between dry period length, bacterial culture, and SCC at dry-off and incidence of early lactation mastitis in cows receiving Ceftiofur or Penicillin Dihydrostreptomycin as dry therapy**
Pablo Pinedo, *USA*
- 12.30 - 12.45 pm **Association between herd size and somatic cell count**
Simon Archer, *United Kingdom*

12.45 – 02.15 pm Lunch

02.15 - 03.00 pm **KEYNOTE LECTURE**

Opportunities for veterinary surgeons in mastitis control

Peter Edmonson, *United Kingdom*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Microbial diversity of dairy cows' mastitic milk samples**

Georgios Oikonomou, *USA*

03.15 - 03.30 pm **Mycoplasma bovis in Switzerland: A case-control study**

Michèle Bodmer, *Switzerland*

03.30 - 03.45 pm **Use of intramammary antimicrobials in Finland - towards lower consumption and targeted treatment of mastitis**

Satu Pyörälä, *Finland*

03.45 - 04.00 pm **Therapy of subclinical mastitis during lactation**

Scott McDougall, *New Zealand*

04.00 - 04.15 pm **The effect of injectable trace mineral (selenium, copper, zinc, and manganese) on health and production of lactating Holstein cows**

Vinicius Machado, *USA*

04.15 - 05.00 pm Milk Break

05.00 - 06.30 pm **PFIZER'S SIMPOSIUM**

The role of veterinary medicine in the food production of tomorrow

Part I - The contribution of veterinarians to feed the world

Dr Bernard Vallat, Director General of the World Organisation for Animal Health (OIE)

Part II - The future of cattle veterinary medicine: a challenge or an opportunity?

Miel Hostens and Bonny Van Ranst, Faculty of Veterinary Medicine, Gent

ROOM 2

Hot topics

ORAL PRESENTATIONS

09.00 - 09.15 am **Schmallenberg Virus (SBV): Detection of a novel orthobunyavirus in cattle in Europe**

Mark Holsteg, *Germany*

09.15 - 09.30 am **Clinical findings in lambs and sheep following an intrauterine infection with Schmallenbergvirus (SBV) in Germany**

Axel Wehrend, *Germany*

09.30 - 09.45 am **Seroprevalence of antibodies to Schmallenberg virus in dairy cattle, winter 2011-2012, the Netherlands**

Ruth J. Bouwstra, *Netherlands*

09.45 - 10.00 am **Current View on the availability of antimicrobials in bovine veterinary medicine: the industry perspective**
Klaus Hellmann, *Germany*

10.00 - 10.15 am **Current view on proposals for efficacy studies testing antimicrobials in cattle**
Klaus Hellmann, *Germany*

10.15 - 11.00 am Milk Break

Public Health/food safety

11.00 - 11.45 am **KEYNOTE LECTURE**
How to balance food safety and animal welfare risks in primary animal production?
Frans Smulders, *Netherlands*

11.45 - 12.00 am **ORAL PRESENTATIONS**
Antimicrobial and anti-inflammatory drug use in Belgian white veal calves
Bart Pardon, *Belgium*

12.00 - 12.15 pm **Cephalosporin-resistant digestive commensal flora in ruminants**
Yves Millemann, *France*

12.15 - 12.30 pm **Detection of aflatoxin M1 and benzoic acid in fresh milk from thai dairy herds**
Theera Rukkwamsuk, *Thailand*

12.45 - 02.15 pm Lunch

Tropical animal diseases

02.15 - 03.00 pm **KEYNOTE LECTURE**
Tick-borne diseases: practical approaches for control and prevention in tropical areas
Lygia Passos, *Brazil*

03.00 - 03.15 pm **ORAL PRESENTATIONS**
Improving small-holder cattle productivity in Cambodia through a combined health and production approach
Russell Bush, *Australia*

03.15 - 03.30 pm **Investigating the field efficacy of foot and mouth disease vaccination of large ruminants in northern Lao PDR**
Peter Windsor, *Australia*

03.30 - 03.45 pm **Toxocara vitulorum and fasciola gigantica in cattle and buffalo in northern lao**
Luzia Rast, *Australia*

- 03.45 - 04.00 pm **Serological survey of rift valley fever among sacrifice animals in holly mecca during pilgrimage season**
Amr Mohamed, *Egypt*

ROOM 3-4

Immunology

- KEYNOTE LECTURE**
08.30 - 09.15 am **Phagocyte-mediated innate immune reactions against the apicomplexan parasite *Eimeria bovis***
Carlos Hermosilla, *United Kingdom*
-
- ORAL PRESENTATIONS**
09.15 - 09.30 am **Intracellular reactive oxygen species production by milk polymorphonuclear leukocytes in healthy cows with different lactation stages**
Maiara Blagitz, *Brazil*
-
- 09.30 - 09.45 am **Influence of colostrum sucking in the lymphocyte subpopulations in the blood of neonate calves until 10 days of age**
Gisele Greghi, *Brazil*
-
- 09.45 - 10.00 am **Assessment of different sampling procedures to estimate the Immunoglobulin G content of colostrum in dairy cattle**
Raphaël Guatteo, *France*
-
- 10.00 - 10.15 am **A randomised, blinded and controlled trial, to investigate immunoglobulin uptake in neonatal calves fed colostrum supplemented with rennin (chymosin)**
Peter Denys Cockcroft, *Australia*
-
- 10.15 - 11.00 am **Milk Break**

Infectious diseases—bacteriology and virology

- 11.00 - 11.15 am **BoHV2 is associated with epidemiologically non-feasible BoHV1-singleton reactors**
Jens Böttcher, *Germany*
-
- 11.15 - 11.30 am **A new diagnostic tool for bovine tuberculosis - IDEXX M. bovis Antibody test kit**
Christoph Egli, *USA*
-
- 11.30 - 11.45 am **Unspecific titres in a bovine brucellosis free herd induced by a commercial vaccine against respiratory complex**
Luis Samartino, *Argentina*

11.45 - 12.00 am **C. perfringens isolates from different origin induce typical hemorrhagic enteritis-like lesions in an in vivo jejunal loop assay in calves**

Bonnie Valgaeren, *Belgium*

12.00 - 12.15 pm **Diarrhea in buffalo calves in Minas Gerais, Brazil: the involvement of enterobacteria**

Cairo Oliveira, *Brazil*

12.15 - 12.30 pm **Risk factors associated with shedding of Campylobacter in dairy calves**

Daniela Klein, *Austria*

12.30 - 12.45 pm **Experimental infection of cattle with Epizootic Haemorrhagic Disease virus serotype 6 strain from la Réunion Island**

Stéphan Zientara, *France*

12.45 - 02.15 pm Lunch

Epidemiology and animal health economics

02.15 - 02.30 pm **Prevalence and antimicrobial resistance of methicillin-resistant S. aureus in herds of dairy cows and veal calves in Germany**

Bernd-Alois Tenhagen, *Germany*

02.30 - 02.45 pm **Comparison of income over feed costs (IOFC) among commercial dairy herds of northern Portugal using excel based tool**

Isabel Maia, *Portugal*

02.45 - 03.00 pm **Description and variation factors of prevalence of BVDV persistently infected calves and heifers in dairy herds with a low level of antibodies in bulk tank milk**

Alain Joly, *France*

03.00 - 03.15 pm **Considerations on BVD eradication for the Irish livestock industry**

Michael Doherty, *Ireland*

03.15 - 03.30 pm **Economic analysis of an acute outbreak of bovine viral diarrhoea virus (BVDv) in a South Australian dairy herd – a case study**

Sasha Lanyon, *Australia*

03.30 - 03.45 pm **Seroprevalence and risk factors associated to BHV-1 and DVBV in dairy herds in pasto, Colombia**

Bibiana Benavides, *Colombia*

03.45 - 04.00 pm **Risk factors associated with the presence of Neospora caninum, bovine viral diarrhoea virus and infectious bovine rhinotracheitis virus in organic herds in Québec**

David Francoz, *Canada*

04.00 - 04.15 pm **Diagnosed BVDV PI-animals in Northern-Belgium: where do they go?**

Stefaan Ribbens, *Belgium*

ROOM 6-7**Nutrition and metabolic diseases****KEYNOTE LECTURE**

- 08.30 - 09.15 am **A herd health approach to dairy cow nutrition and production diseases of the transition and early lactation dairy cow**
Finbar Mulligan, *Ireland*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Hypokalemiyas and insulin imbalances as possible causes of abomasal atony**
Sabine Leonhard-Marek, *Germany*
- 09.30 - 09.45 am **Prevalence of clinical and subclinical ketosis in UK dairy herds: 2006 – 2011**
Alastair Macrae, *United Kingdom*
- 09.45 - 10.00 am **The Efficacy of Different Combinations of Ketosis Treatments in Israeli Dairy Cows**
Tamir Goshen, *Israel*
- 10.00 - 10.15 am **Grass silages undergone extensive proteolysis cause health problems in dairy herds**
Klaus Eicken, *Germany*
- 10.15 - 11.00 am **Milk Break**
- 11.00 - 11.15 am **The effect of dietary supplementation with live yeast *Saccharomyces cerevisiae* on serum and rumen fluid parameters in dairy cows under field conditions**
Dana Kumprechtova, *Czech Republic*
- 11.15 - 11.30 am **Effect of supplementing regulators of hepatic metabolism and gluconeogenic precursors on the performance of rbST-treated dairy cows**
Einar Vargas Bello Pérez, *Chile*
- 11.30 - 11.45 am **Is the ruminal activity connected with the oxidative status of dairy cows?**
Angel Abuelo Sebío, *Spain*
- 11.45 - 12.00 am **Long-term measurement of rumen pH in dairy cows under practical conditions by an indwelling and wireless data transmitting unit**
Johann Gasteiner, *Austria*
- 12.00 - 12.15 pm **The Effect of Metabolic Diseases on the Shape of the Lactation Curve in High Yielding Dairy Cows**
Miel Hostens, *Belgium*
- 12.15 - 12.30 pm **Is the buffering capacity of NaHCO₃ improved by glucose when both compounds are administered orally to healthy neonatal calves?**
Walter Gruenberg, *Netherlands*

12.30 - 12.45 pm **Influence of grain processing (grinding or pelleting) on serum metabolites and enzymes in finishing bull calves**
Victor Pereira, *Spain*

12.45 - 02.15 pm Lunch

KEYNOTE LECTURE

02.15 - 03.00 pm **What do we know about insulin resistance in dairy cows**
Jurgen Rehage, *Slovakia*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Cell morphology of adipocytes in periparturient cows with or without lipolysis**
Daniela Goerigk, *Germany*

03.15 - 03.30 pm **Effects of vitamin E and selenium on surgical stress and lipid peroxidation in dairy cows**
Pavol Mudron, *Slovakia*

03.30 - 03.45 pm **Increasing Selenium Intake and Milk Selenium Concentration of Dairy Cattle Under Commercial Conditions Through Selenium-Enhancement of Forage and Soybeans**
Jeffrey Wichtel, *Canada*

03.45 - 04.00 pm **Soybean oil and vitamin E: effects on production parameters and meat quality of Friesian calves**
Rui Pedro Fortunato, *Portugal*

04.00 - 04.15 pm **The effects of increased sulfur level supplied through inorganic source with or without organic source in close-up diets of Holstein dairy cows on blood metabolites and liver function**
Mehdi Kazemi-Bonchenari, *Islamic Republic of Iran*

ROOM 8

Epidemiology and animal health economics

ORAL PRESENTATIONS

08.30 - 08.45 am **Effectiveness of antibiotics and vaccination to prevent *Coxiella burnetii* shedding at calving in infected dairy cows**
Raphaël Guatteo, *France*

08.45 - 09.00 am **Monitoring and control of bovine enzootic haematuria on Sao Miguel Island, Azores**
Carlos Augusto Pinto, *Portugal*

09.00 - 09.15 am **Risk factors for condemnation in cattle slaughtered in a French abattoir from 2006 to 2009**
Céline Dupuy, *France*

-
- 09.15 - 09.30 am **A Multidisciplinary and Evidence-Based Methodology Applied to Prioritize Diseases of Food-Producing Animals and Zoonoses**
Claude Saegerman, *Belgium*
-
- 09.30 - 09.45 am **Prevalence and risk factors of bovine leptospirosis in the state of Maranhão**
Felipe Jorge Silva, *Brazil*
-
- 09.45 - 10.00 am **Seroprevalence and Risk Factors for Leptospira Hardjo in Irish Beef Suckler Herds**
Eoin Ryan, *Ireland*
-
- 10.00 - 10.15 am **Estimated frequency of Leptospira interrogans spp in dairy cattle in the Valley of Toluca, Mexico. Geographical area with températe to cold climate**
Felix Salazar-Garcia, *Mexico*
-
- 10.15 - 11.00 am **Milk Break**
-
- KEYNOTE LECTURE**
11.00 - 11.45 am **Costs of production diseases**
Henk Hogeveen, *Netherlands*
-
- ORAL PRESENTATIONS**
11.45 - 12.00 am **Implications of rearing dairy youngstock: The estimation of total costs with special attention to calf diseases**
Norhariani Mohd Nor, *Netherlands*
-
- 12.00 - 12.15 pm **Biosecurity risks and bio-containment risks of paratuberculosis in UK dairy herds**
Richard Sibley, *United Kingdom*
-
- 12.15 - 12.30 pm **Questionnaire on knowledge and motivation of participants of a voluntary control program on Johne disease in Northern-Belgian dairy cattle herds**
Stefaan Ribbens, *Belgium*
-
- 12.30 - 12.45 pm **Management of bovine digital dermatitis using copper sulfate: economic and environmental considerations**
Mario Lopez-Benavides, *USA*
-
- 12.45 - 02.15 pm **Lunch**
-
- ROUND TABLE**
02.15 - 04.15 pm **Reproductive performance in dairy cattle**
Sylvie Chastant, *France*, Geert Opsomer, *Belgium*, John Mee, *Ireland*, Stephen Leblanc, *Canada*

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At DeLaval we understand the importance of the entire dairy farming system and the role it plays in producing consistently high quality milk. That's why our product portfolio is designed to promote the health of the herd throughout its entire life cycle. From feeding supplements and concentrates, to effective teat and hoof care to advanced herd management systems such as Herd Navigator by DeLaval, we have the solution.

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Agriculture award
at Agraria Austria, 2010

Gold Trophy
at Paris 2009

Golden Hoof
at Brussels, 2009

New Product
Europe award
at Agraria
Europe 2009

Innovative
for milking
equipment
at La Fiera di
Milano



 DeLaval

ROOM 1**Reproduction****KEYNOTE LECTURE**

- 08.30 - 09.15 am **Interaction of metabolic challenges and successful fertility in high yielding dairy cows**
Geert Opsomer, *Belgium*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Different intrauterine pressure changes after a single treatment with oxytocin or prostaglandin f2a, in early postpartum cows**
Árpád Csaba Bajcsy, *Hungary*
- 09.30 - 09.45 am **Oestrus detection in saliva of cows with special trained dogs**
Carola Fischer-Tenhagen, *Germany*
- 09.45 - 10.00 am **An enterprise partial budget analysis comparing costs of using fixed time artificial insemination and short season natural service breeding for breeding beef replacement heifers**
David Cupps, *USA*
- 10.00 - 10.15 am **Production Factors Influencing First Service Conception in Dairy Cows**
Robert Van Saun, *USA*
- 10.15 - 11.00 am **Milk Break**
- 11.00 - 11.15 am **A comparative study of the performance of New Zealand friesian cross holstein friesian cows in Australian commercial dairy herds**
Michael Pyman, *Australia*
- 11.15 - 11.30 am **Reproductive and productive performance and behaviour of purebred Holstein-Friesian compared with their crossbreds with Montbeliarde and Swedish Red**
George Stilwell, *Portugal*
- 11.30 - 11.45 am **The effect of farmer enrolment in a reproductive extension programme (InCalf™) on the reproductive performance of seasonally-calving pasture-based dairy herds**
Scott Mcdougall, *New Zealand*
- 11.45 - 12.00 am **Evidence of the association of Chlamydia-like organisms with cases of bovine abortion**
David Longbottom, *United Kingdom*
- 12.00 - 12.15 pm **2 years of diagnosing bovine abortion in Flanders: lessons learned**
Hans Van Loo, *Belgium*
- 12.15 - 12.30 pm **Peripartum haptoglobinemia for predicting retained placenta and metritis in dairy cows**
Jocelyn Dubuc, *Canada*

12.30 - 12.45 pm **Accuracy of rectal temperature and vaginal discharge score in dairy cows postpartum**
Wolfgang Heuwieser, *Germany*

12.45 - 02.15 pm Lunch

KEYNOTE LECTURE

02.15 - 03.00 pm **Integrating metabolic and reproductive health in dairy cows**
Stephen LeBlanc, *Canada*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Results of bull breeding soundness examinations from a UK farm practice**
Helen Williams, *United Kingdom*

03.15 - 03.30 pm **Influence of age on outcomes of 443 bull pre-breeding examinations performed in the United Kingdom**
Alex Walters, *United Kingdom*

03.30 - 03.45 pm **Use of Monosyn®/Safil® and Monodox®/Surgicryl® in caesarean sections performed in belgian blue cattle**
Iris Kolkman, *Belgium*

03.45 - 04.00 pm **Pathophysiology of prolonged luteal phase in Holstein cows postpartum**
Toshihiko Nakao, *Japan*

04.00 - 04.15 pm **Management factors affecting twin pregnancy in high-producing dairy cows**
Cristina Andreu-Vazquez, *Spain*

04.15 - 05.00 pm Milk Break

05.00 - 06.30 pm **HIPRA'S SIMPOSIUM**

Startvac Symposium: Results of mastitis vaccination

Ynte Schukken, Cornell University, *USA*; Sofie Piepers, Gent University, *Belgium*

Startvac Symposium: HIPRA will be offering in Lisbon the worldwide presentation of two independent studies on the effectiveness of the first vaccine against mastitis coliforms and *S.aureus*.

ROOM 2

Youngstock

ORAL PRESENTATIONS

08.30 - 08.45 am **A missense mutation in the CIC-7 chloride channel causes hamartomas with osteopetrosis in cattle**
Arnaud Sartelet, *Belgium*

08.45 - 09.00 am **Thrombocytes in calves are more stable than in cows**
Anja Smolenaars, *Netherlands*

09.00 - 09.15 am **Epidemiology and pathology of the 'unexplained stillbirth' – a diagnostic challenge for veterinary practitioners**

John Mee, *Ireland*

09.15 - 09.30 am **First evidence for the involvement of the sire in the pathogenesis of bovine neonatal pancytopenia**

Kerstin Mueller, *Germany*

09.30 - 09.45 am **From bleeding calves to bovine neonatal pancytopenia**

Ingrid Den Uijl, *Netherlands*

09.45 - 10.00 am **Management related between herd variations in metabolic parameters of newborn calves in dairy herds**

Stefanie Söllner-Donat, *Germany*

10.00 - 10.15 am **Study of the dynamics of the bovine respiratory syndrome in dairy calves: monitorization by physical examination, ultrasonography and post-mortem lesions**

Angela Dâmaso, *Portugal*

10.15 - 11.00 am **Milk Break**

KEYNOTE LECTURE

11.00 - 11.45 am **The contribution of youngstock to production efficiency and environmental impact of dairy systems**

Philip Garnsworthy, *United Kingdom*

ORAL PRESENTATIONS

11.45 - 12.00 am **Is calf rearing management related to the use of antibiotics?**

Tine Van Werven, *Netherlands*

12.00 - 12.15 pm **Risk factors for mortality and reduced carcass weight in white veal calves**

Bart Pardon, *Belgium*

12.15 - 12.30 pm **Risk factors for neonatal calf diarrhea (NCD) in selected herds in the high altitude tropic in Colombia**

Dolly Pardo, *Colombia*

12.30 - 12.45 pm **Ad libitum acidified milk in group facility in comparison with individual housing fed pasteurized hospital milk twice a day**

Andre Gustavo Teixeira, *USA*

12.45 - 02.15 pm **Lunch**

KEYNOTE LECTURE

02.15 - 03.00 pm **Inherited diseases of cattle**

Arcangelo Gentile, *Italy*

ORAL PRESENTATIONS

- 03.00 - 03.15 pm **The effect of colostrum and hospital milk UV treatment versus pasteurization on calf health, growth and survivability**
André Gustavo Teixeira, *USA*
- 03.15 - 03.30 pm **Evaluation of failure of passive transfer, morbidity and mortality in jersey calves**
Aurora Villarroel, *USA*
- 03.30 - 03.45 pm **Comparison of samples to be tested to evaluate colostrum management in calves**
Aurora Villarroel, *USA*
- 03.45 - 04.00 pm **Calf mortality is associated with individual colostrum quality and calf serum refractometer values on commercial dairy farms**
Binyamin Sharir, *Israel*
- 04.00 - 04.15 pm **Evaluation of the efficiency of passive immunoglobulin transfer in calves fed serocolostrum**
Hervé Cassard, *France*

ROOM 3-4

Diagnostic imaging

KEYNOTE LECTURE

- 08.30 - 09.15 am **Endoscopy in ruminants - pros and cons**
Sonja Franz, *Austria*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Ultrasonography of the thyroid gland in calves**
Sandra Uebelhack, *Germany*
- 09.30 - 09.45 am **Correlation of rectal temperatures with infrared non-contact temperatures of the eye, third eyelid, nose and udder in holstein dairy cattle**
Nikola Dalton, *USA*
- 09.45 - 10.00 am **Epidural cervical abscess in a newborn calf**
Daniela Queiroz, *Brazil*
- 10.00 - 10.15 am **How safe thermographic imaging methods in diagnosis of cattle with laminitis?**
Mustafa Arican, *Turkey*

10.15 - 11.00 am **Milk Break**

Nutrition and metabolic diseases

- 11.00 - 11.15 am **Cyanogenic potential of various sorghum fodder species**
Muhammad Avais, *Pakistan*

- 11.15 - 11.30 am **Evaluation of portal blood flow using transcutaneous and intraoperative Doppler ultrasonography in dairy cows with fatty liver**
Alexander Starke, *Germany*
- 11.30 - 11.45 am **Diurnal variation of trans fatty acids in plasma lipoproteins and ruminal fermentation parameters of cows subjected to ruminal pulses of vegetable oils**
Einar Vargas Bello Pérez, *Chile*
- 11.45 - 12.00 am **Therapy aimed at protecting the liver: obsolete or still up to date? Part 1: Aetiology and character of liver diseases in cows**
Manfred Fuerll, *Germany*
- 12.00 - 12.15 pm **Therapy aimed at protecting the liver: obsolete or still up to date? Part 2: Therapy results in cows with different diseases and liver damages**
Manfred Fuerll, *Germany*
- 12.15 - 12.30 pm **Periparturient disorders and its relation to subclinical ketosis in Iranian Holstein cows**
Mehdi Sakha, *Islamic Republic of Iran*

12.30 - 02.15 pm Lunch

Lameness

- 02.15 - 02.30 pm **Assessment of the curative and preventive effectiveness of different practical modalities of a collective treatment of digital dermatitis in dairy herds**
Anne Relun, *France*
- 02.30 - 02.45 pm **Digital documentation of digital lesions in cows with the Claw Manager – a digital protocol and analysis program for claw health of dairy herds**
Johann Kofler, *Austria*
- 02.45 - 03.00 pm **Clinical trial on the curative effect of Intra Hoof-Fit gel® on digital dermatitis**
Menno Holzhauer, *Netherlands*
- 03.00 - 03.15 pm **The effects of feeding systems on the hoof health of dairy cows in south eastern australia**
Joanne Coombe, *Australia*
- 03.15 - 03.30 pm **Attitudes of farmers, veterinarians and claw trimmers towards painful interventions in the area of the feet of dairy cattle in Switzerland**
Johanna Becker, *Switzerland*
- 03.30 - 03.45 pm **Does hoof trimming affect locomotion of the cows?**
Ahmadreza Mohamadnia, *Islamic Republic of Iran*
- 03.45 - 04.00 pm **Subclinical laminitis in dairy cattle – Thermographic examination of the claw and relations to energy metabolism**
Katrin Wilhelm, *Germany*

- 04.00 - 04.15 pm **Evaluation of the therapeutic use of a serpens species bacterin in a dairy herd with a high prevalence of digital dermatitis**
Geof Smith, *USA*

ROOM 6-7

Internal medicine

KEYNOTE LECTURE

- 08.30 - 09.15 am **Bovine neonatal pancytopenia**
Klaus Doll, *Germany*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Retrospective case series on the short term prognosis of obstructive urolithiasis in cattle**
Piet Deprez, *Belgium*
- 09.30 - 09.45 am **Outbreak of dystrophic epidermolysis bullosa in an endangered cattle breed caused by a collagen VII mutation**
Annie Menoud, *Switzerland*
- 09.45 - 10.00 am **Subclinical rumen acidosis - diagnostic value of indirect parameters in blood and urine**
Thomas Wittek, *Austria*
- 10.00 - 10.15 am **Cattle diseases: clinical profile comparisons using sign frequency pattern recognition**
Peter Denys Cockcroft, *Australia*
- 10.15 - 11.00 am **Milk Break**
- 11.00 - 11.15 am **Bovine neonatal pancytopenia (BNP) in young calves in Germany – cases in the clinic for ruminants, Munich**
Alexander Stoll, *Germany*
- 11.15 - 11.30 am **Photosensitization due to enterolobium contortisiliquum fruits ingestion in cattle**
Daniela Queiroz, *Brazil*
- 11.30 - 11.45 am **Outbreaks of acquired hepatopathy in young calves – a novel disease?**
Matthias Wieland, *Germany*
- 11.45 - 12.00 am **Cardiovascular effects of intravenous tilmicosin in Holstein-Friesian calves**
Peter Constable, *USA*
- 12.00 - 12.15 pm **Snake bite envenomation in cattle - a review of six clinical cases**
Gurunathan Senthil Kumar, *India*

12.15 - 12.30 pm **An evaluation of relative efficacy of hypertonic saline solution as an adjunct to ceftiofur HCl and flunixin meglumine for the treatment of bovine Pneumonic Pasteurellosis**

Muhammad Arif Zafar, *Pakistan*

12.30 - 12.45 pm **Are jugular distension and pulsation signs of heart diseases in cattle?**

Ali Rezakhani, *Islamic Republic of Iran*

12.45 - 02.15 pm **Lunch**

KEYNOTE LECTURE

02.15 - 03.00 pm **Use of hypertonic saline in cows and calves**

Peter Constable, *USA*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Electrocardiographic profile of the Holstein-Friesian calves during their first three months of life**

Gabriel Garone De Lucca, *Brazil*

03.15 - 03.30 pm **Effect of different doses of catosal in dairy cattle with subclinical ketosis**

Abdulkerim Deniz, *Turkey*

03.30 - 03.45 pm **Clinical disorders observed during the first 30 days of life of cloned Zebu calf**

Eduardo Birgel Junior, *Brazil*

03.45 - 04.00 pm **Age dependent changes of bovine serum chemistry and mineral concentrations**

Hee-woon Lee, *Republic of Korea*

04.00 - 04.15 pm **Impact of environmental pollution on general health of cattle sheep and goats in Egypt**

Ali El Sebaie Hussien, *Egypt*

ROOM 8

Udder health

ORAL PRESENTATIONS

08.30 - 08.45 am **Risk factors for early post partum mastitis in herds with selective dry cow treatment and intensive herd health management advisory program**

Ilka Christine Klaas, *Denmark*

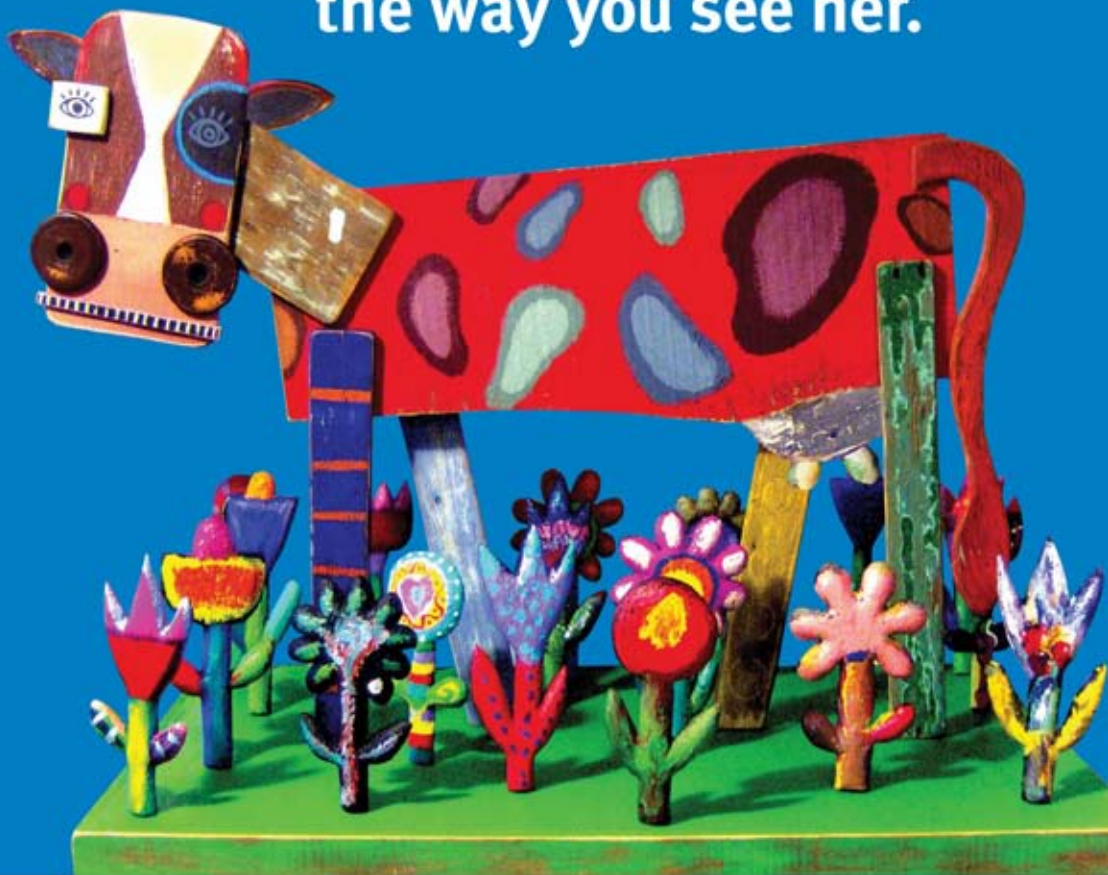
08.45 - 09.00 am **Mastitis Diagnostics: qPCR for Staphylococcus aureus Genotype B in bulk tank milk**

Hans Graber, *Switzerland*

09.00 - 09.15 am **Evaluation of cow mastitis pathogen profile with qPCR in four Dutch dairy herds**

Marielle Melchior, *Netherlands*

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- 09.15 - 09.30 am **Occurrence and persistence of staphylococcal species and genotypes associated with bovine intramammary infections**
Tormod Mork, *Norway*
-
- 09.30 - 09.45 am **Systemic prepartum treatment of heifers with penethamate hydriodide: effect on milk yield, somatic cell count, clinical mastitis incidence and culling hazard during first lactation**
Pieter Passchyn, *Belgium*
-
- 09.45 - 10.00 am **Nordic guide-lines for GBS eradication**
Hakan Landin, *Sweden*
-
- 10.00 - 10.15 am **Efficacy and safety of a single injection of marbofloxacin in the treatment of bovine acute E. coli mastitis in a European field study**
Erik Grandemange, *France*
-

10.15 - 11.00 am **Milk Break**

Epidemiology and animal health economics

- KEYNOTE LECTURE**
- 11.00 - 11.45 am **Control of endemic transmissible diseases: complementary insights from observational and modelling studies**
Christine Fourichon, *France*
-
- ORAL PRESENTATIONS**
- 11.45 - 12.00 am **Bovine neonatal pancytopenia (BNP) in young calves in Germany on farms with high and low incidences of BNP**
Frederike Reichmann, *Germany*
-
- 12.00 - 12.15 pm **A multi-country epidemiological investigation of Bovine Neonatal Pancytopenia (BNP)**
Dirk Pfeiffer, *United Kingdom*
-
- 12.15 - 12.30 pm **Epidemiologic characteristics of subclinical ketosis in dairy cows**
George Valergakis, *Greece*
-
- 12.30 - 12.45 pm **Farmers do not do what they know they should do**
Didier Raboisson, *France*
-

12.45 - 02.15 pm **Lunch**

- ROUND TABLE**
- 02.15 - 04.15 pm **The veterinary practice as a business**
Pedro Celeste, *Portugal*, Ellen Schmitt, *France*, Luís Pinho, *Portugal*, David Black, *United Kingdom*

ROOM 1

Lameness

KEYNOTE LECTURE

- 08.30 - 09.15 am **Advances in the understanding of the pathophysiology of infectious and non-infectious disorders associated with lameness**
Rodrigo Bicalho, *USA*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Scoring of digital dermatitis during milking: assessment of a new method**
Anne Relun, *France*
- 09.30 - 09.45 am **Monitoring of claw health in dairy herds in Austria over two and three claw trimming intervals with the claw manager**
Johann Kofler, *Austria*
- 09.45 - 10.00 am **Conformation changes in the foot affected with digital dermatitis**
Arturo Gomez, *USA*
- 10.00 - 10.15 am **The impact of lameness on conception and survival in four commercial dairy farms**
Michael Van Straten, *Israel*

10.15 - 11.00 am **Milk Break**

Surgery

- 11.00 - 11.15 am **Collagen implants isolated or associated with stromal autogenous mesenchymal cells in tendon repair in sheep**
Maria Hernandez Tovar, *Brazil*
- 11.15 - 11.30 am **Evaluation of an electroencephalogram-based automatic system for monitoring anesthesia in calves**
Moritz Metzner, *Germany*
- 11.30 - 11.45 am **Evaluation of three different methods for anaesthesia of calves in umbilical surgery**
Moritz Metzner, *Germany*
- 11.45 - 12.00 am **Omphalocele with intestinal and mesenterial abnormality**
Matthias Wieland, *Germany*
- 12.00 - 12.15 pm **Outbreak of spontaneous fractures in dairy calves associated with osteoporosis**
N. Cesbron, *France*
- 12.15 - 12.30 pm **Clinical signs, treatment, and outcome in 15 cattle with sinonasal cysts**
Karl Nuss, *Switzerland*

12.30 - 12.45 pm **Epidural analgesia of the flank in cattle with romifidine and its effects on cytokine gene expression**
Kerstin Mueller, *Germany*

12.45 - 02.15 pm Lunch

KEYNOTE LECTURE

02.15 - 03.00 pm **Current concepts and future developments in surgery, anaesthesia and pain management**
Adrian Steiner, *Switzerland*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Balling gun induced oropharyngeal trauma in cattle. Complications during administration of intraruminal boluses: an illustration of clinical cases**
Sabine Mann, *Germany*

03.15 - 03.30 pm **Humeral osteosynthesis in calves using a polymeric interlocking nail**
Rafael Faleiros, *Brazil*

03.30 - 03.45 pm **Bursitis with severe tendon and muscle necrosis on the lateral stifle area in 21 cattle**
Karl Nuss, *Switzerland*

04.15 - 05.00 pm Milk Break

05-00 - 06:30 pm **MSD'S SIMPOSIUM**

Sustainable and resilient beef and dairy production

Calvin Booker, Feedlot Health Management, *Canada*; Joost de Veer, Cowsultancy B.V., *The Netherlands*; Tiago Teixeira, MSD Animal Health, *Portugal*

The growing global population requires an increasing food supply. The challenge for the bovine community is to increase beef and dairy production with fewer resources. A contribution from the veterinary profession is essential to meet this challenge.

MSD Animal Health proudly presents best practices by leading veterinarians. They will share their vision on the contribution of veterinary knowledge and technology to more sustainable and resilient beef and dairy production.

This actionable knowledge will bring benefit to your business and gives you tools to develop your profession".

ROOM 2

Small ruminants

ORAL PRESENTATIONS

08.30 - 08.45 am **Evaluation of a competitive ELISA for the estimation of within-flock prevalence of antibody-positive ewes to border disease virus**
Fabien Corbière, *France*

08.45 - 09.00 am **Development of a model to study transplacental transmission of bluetongue virus serotype 8 in ewes**
Mirjam Van Der Sluijs, *Netherlands*

09.00 - 09.15 am **Evidence of trans-placental transmission of blue-tongue virus serotype 8 in goats**
Guillaume Belbis, *France*

09.15 - 09.30 am **The innate immune response controls the differences of clinical sensitivity to bluetongue disease between two ovine breeds**
Gilles Meyer, *France*

09.30 - 09.45 am **Chronic proliferative rhinitis in sheep associated with salmonella enterica subspecies diarizonae**
Delia Lacasta, *Spain*

09.45 - 10.00 am **The dry period length of lacaune dairy sheep under intensive management: factors and effects on the productivity**
Susana Astiz, *Spain*

10.00 - 10.15 am **Effects of drying-off procedure of ewes' udder in subsequent mammary infection and development of mastitis**
George Fthenakis, *Greece*

10.15 - 11.00 am **Milk Break**

KEYNOTE LECTURE

11.00 - 11.45 am **Health management of ewes during pregnancy**
George Fthenakis, *Greece*

ORAL PRESENTATIONS

11.45 - 12.00 am **Effect of dietary soybean oil and fish oil supplementation on testis development and blood metabolites of male growing kids**
Mir Hossein Najafi, *Islamic Republic of Iran*

12.00 - 12.15 pm **Glycemia in dairy goats with pregnancy toxemia (PT) as a sign of the viability of the fetuses in the last days of gestation**
Miguel Saraiva Lima, *Portugal*

12.15 - 12.30 pm **Associations between feeding and management practices and neonatal lamb mortality in Norwegian sheep flocks**
Ingrid Holmoy, *Norway*

12.30 - 12.45 pm **Ewe characteristics associated with stillbirth**
Steinar Waage, *Norway*

12.45 - 02.15 pm **Lunch**

KEYNOTE LECTURE

- 02.15 - 03.00 pm **Lung auscultation recordings and ultrasonographic findings in some common ovine respiratory diseases**
Phil Scott, *United kingdom*

ORAL PRESENTATIONS

- 03.00 - 03.15 pm **The use of milk as a test media for OPP AGID testing in sheep**
M. Ayers Wayne, *USA*
- 03.15 - 03.30 pm **In vivo phenotyping of carcass traits in Merino lambs using magnetic resonance imaging**
Prisca Kremer, *Germany*
- 03.30 - 03.45 pm **Targeted selective treatment scheme combining FAMACHA®, body condition score and fecal egg counts: results from three commercial sheep farms in tropical Mexico**
Natalia Soto-Barrientos, *Mexico*
- 03.45 - 04.00 pm **Parasitic diversity in goats (Serpentina breed) with respect to Eimeria spp. in Alentejo, Portugal**
Liliana Silva, *Portugal*
- 04.00 - 04.15 pm **Comparative evaluation of apoptotic and anti-apoptotic mechanisms in the brains of sheep and goat naturally infected with Border Disease**
Gungor Cagdas Dincel, *Turkey*

ROOM 3-4**Pharmacology****KEYNOTE LECTURE**

- 08.30 - 09.15 am **Reflections about the use of antimicrobial substances in food producing animals: prudent strategies against inherent problems**
Ivo Schmerold, *Austria*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **New mechanisms through which an antibiotic delivers anti-inflammatory benefits: The effects of tulathromycin**
Andre Buret, *Canada*
- 09.30 - 09.45 am **Study of the effect of pangamic acid (vitamin b15) performance of bulls to repair jariepo in oaxaca central valleys, Mexico**
Enrique Duran Melendez, *Mexico*
- 09.45 - 10.00 am **Pharmacokinetics and milk elimination of flunixin in dairy cattle following different routes of administration**
Geof Smith, *USA*

10.00 - 10.15 am **Synovial perfusion of marbofloxacin after regional subcutaneous administration in the distal portion of the front limb of bovine (preliminary study)**
Juan Vicente González, *Venezuela*

10.15 - 11.00 am **Milk Break**

E-learning/continuing education

11.00 - 11.45 am **KEYNOTE LECTURE**
21st century education in bovine health management: addressing the challenges
Michael Doherty, *Ireland*

11.45 - 12.00 am **ORAL PRESENTATIONS**
Project-based Learning – An approach to written examination and objective grading
Carsten Enevoldsen, *Denmark*

12.00 - 12.15 pm **Integrating the industry requirements of new graduates throughout the MVB farm animal curriculum at University College Dublin**
Luke O'Grady, *Ireland*

12.15 - 12.30 pm **Development of a computer simulation to teach the methodology of the clinical examination of cattle**
Peter Mansell, *Australia*

12.30 - 12.45 pm **A framework for the development of an online graduate certificate in dairy herd health**
Diane Cashman, *Ireland*

12.45 - 02.15 pm **Lunch**

02.15 - 02.30 pm **Survey of postgraduate continuing education for veterinarians in dairy practice in Austria**
Harald Pothmann-Reichl, *Austria*

02.30 - 02.45 pm **Structure of external communication in Veterinary Advisory Practice**
Joachim Kleen, *Germany*

02.45 - 03.00 pm **A web-based seminar as an e-Learning method**
Patrick Talty, *Ireland*

03.00 - 03.15 pm **Use of a learning management system (moodle) to provide online training for risk assessors in a johne's control programme**
Peter Mullowney, *Ireland*

ROOM 6-7**Infectious diseases—bacteriology and virology****KEYNOTE LECTURE**

08.30 - 09.15 am **Vaccines and vaccination against viral diseases in cattle**

Jean François Valarcher, *Sweden*

ORAL PRESENTATIONS

09.15 - 09.30 am **Fertility, udder health and milk production in cows that have high milk antibodies to paratuberculosis**

Richard Sibley, *United Kingdom*

09.30 - 09.45 am **Calves infected with *Mycobacterium avium* subspecies paratuberculosis following intratracheal challenge**

Susanne Eisenberg, *Netherlands*

09.45 - 10.00 am **Lymphatic vessel puncture at the bovine udder: feasibility and detection of *Mycobacterium avium* subsp. paratuberculosis in the lymphatic fluid by PCR**

Johannes Lorenz Khol, *Austria*

10.00 - 10.15 am **Paratuberculosis: Within herd prevalence dependent identification of infected dairy herds by environmental sampling**

Karsten Donat, *Germany*

10.15 - 11.00 am **Milk Break**

11.00 - 11.15 am **Serological response to *Coxiella burnetii* infection in dairy cows shedding the bacteria in milk**

Antonio Barberio, *Italy*

11.15 - 11.30 am **Excretion of *Coxiella Burnetii* in 33 dairy cattle farms in Northern-Belgium**

Stefaan Ribbens, *Belgium*

11.30 - 11.45 am **Detection of *Coxiella burnetii* in milk samples of ruminant farms from the Center of Portugal**

Sofia Anastácio, *Portugal*

11.45 - 12.00 am **Consequences of border disease virus infection transmitted from sheep to pregnant heifers and their progeny**

Reinhild Krametter-Froetscher, *Austria*

12.00 - 12.15 pm **Serologic and virologic investigations of pestivirus infection in pyrenean chamois in the Pyrenees (France)**

Fabien Corbière, *France*

12.15 - 12.30 pm **Surveillance of *Mycoplasma bovis* and *Mycoplasma* spp by Real Time PCR in bulk tank milk samples from all Danish dairy herds in 2011**

Jorgen Katholm, *Denmark*

12.30 - 12.45 pm **Molecular epidemiology of *Mycoplasma bovis* during bovine respiratory disease outbreaks in newly-received beef bulls at fattening operations**
Edouard Timsit, *France*

12.45 - 02.15 pm Lunch

KEYNOTE LECTURE

02.15 - 03.00 pm **Infectious bovine respiratory diseases: from immunology to vaccination**
François Schelcher, *France*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Antimicrobial resistance and virulence characterization of methicillin-resistant staphylococci from bovine mastitis**
Rui Seixas, *Portugal*

03.15 - 03.30 pm **Serodiagnosis for leptospirosis in cattle: a valuable tool for herd screening but a limited tool for individual diagnosis**
Walter Lilenbaum, *Brazil*

03.30 - 03.45 pm **The prevalence of Johne's Disease in farmed species in New Zealand: A Review**
Mark Bryan, *New Zealand*

03.45 - 04.00 pm **Haemoplasma infections in cattle**
Roger Ayling, *United Kingdom*

04.00 - 04.15 pm **Association between virulence factors of *Escherichia coli*, *Fusobacterium necrophorum*, and *Arcanobacterium pyogenes* and uterine diseases of dairy cows**
Marcela Bicalho, *USA*

ROOM 8

Immunology

ORAL PRESENTATIONS

08.30 - 08.45 am **Time to onset of protective immunity from an intranasal challenge with Bovine Herpes Virus 1 in young calves after administration of a modified live, non-adjuvanted vaccine**
William Burdett, *USA*

08.45 - 09.00 am **Efficacy of a new attenuated IBR live vaccine with double genetic deletion gE-/tk- in front of experimental BoHV1 infections. Four trials assaying minimum dose**
Alberto Moreno, *Spain*

09.00 - 09.15 am **Effect of pre-weaning concentrate supplementation on peripheral distribution of leukocytes, functional activity of neutrophils, acute phase protein and behavioural responses of abruptly weaned and housed beef calves**
Bernadette Earley, *Ireland*

-
- 09.15 - 09.30 am **Calf bronchopneumonia is accompanied by increased sialylation of immune complexes` IgG**
Natalija Fratric, *Serbia*
-
- 09.30 - 09.45 am **Initial host signals at the onset of mastitis in the teat and lobuloalveolar parenchyma**
Wolfram Petzl, *Germany*
-
- 09.45 - 10.00 am **Analysis of cellular and immune responses of dairy cows induced by intramammary infusion of lactic acid bacteria and therapeutic trials to quarters of cows with mastitis**
Hajime Nagahata, *Japan*
-
- 10.00 - 10.15 am **Phagocytosis of Staphylococcus aureus by milk polymorphonuclear leukocytes CH138+ in healthy cows with different lactation stages**
Maiara Blagitz, *Brazil*
-
- 10.15 - 11.00 am **Milk Break**
-
- 11.00 - 11.45 am **KEYNOTE LECTURE**
Age and immune response: tailoring of vaccination schedule
Etienne Thiry, *Belgium*
-
- 11.45 - 12.00 am **ORAL PRESENTATIONS**
Genetic regulation of the bovine immune system and its practical application in dairy health management
Kathleen Thompson-Crispi, *Canada*
-
- 12.00 - 12.15 pm **Bovine neonatal pancytopenia is linked to vaccine-induced allo-antibodies against bovine leucocyte antigen (BoLA) major histocompatibility (MHC) class I**
Gilles Foucras, *France*
-
- 12.15 - 12.30 pm **Bovine Neonatal Pancytopenia: Is this alloimmune syndrome caused by vaccine-induced alloreactive antibodies?**
Max Bastian, *Germany*
-
- 12.30 - 12.45 pm **Efficacy of a modified-live virus vaccine in 3 day old calves, with maternal antibodies, against strain 1373 bovine viral diarrhea virus challenge 7 months post vaccination**
Michael Bolton, *USA*
-
- 12.45 - 02.15 pm **Lunch**
-
- 02.15 - 04.15 pm **ROUND TABLE**
Farmers demands on veterinarians for the near future and veterinary response
Piet Vanthemsche, *Belgium*, Jos Van Acht, *Netherlands*, Siert-Jan Boersema, *Netherlands*, Bob Rheinberger, *Australia*

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ROOM 1**Herd health and quality risk management****KEYNOTE LECTURE**

- 08.30 - 09.15 am **Sustainable dairy production & veterinary advisory practice**
Jos Nordhuizen, *Netherlands*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Straightening out priorities: how aware is the veterinarian of farmers' wishes and goals regarding veterinary herd health management?**
Marjolein Derks, *Netherlands*
-
- 09.30 - 09.45 am **Bulk milk testing and risk based blood serology for disease surveillance in cattle**
Michael Duenser, *Austria*
-
- 09.45 - 10.00 am **Controlling paratuberculosis in uk dairy herds using milk tests and risk management**
Peter Orpin, *United Kingdom*
-
- 10.00 - 10.15 am **Opinions and practices of vets and dairy farmers towards herd health management in the UK**
Wendela Wapenaar, *United Kingdom*
-
- 10.15 - 11.00 am **Milk Break**
-
- 11.00 - 11.15 am **Boviconrol - towards health assurance of dairy herds**
João Niza Ribeiro, *Portugal*
-
- 11.15 - 11.30 am **Latent class growth analysis of the effect of individually tailored biosecurity advice on the presence of endemic pathogens in British beef suckler herds**
Steven Van Winden, *United Kingdom*
-
- 11.30 - 11.45 am **Diagnostic of dairy cattle producers in the city of Fatima do Sul – Mato Grosso do Sul- Brazil: pasture and soil management and dry season supplementation**
Thiago Melo, *Brazil*
-
- 11.45 - 12.00 am **Milk quality assurance for paratuberculosis in the Netherlands: achievements of 2006 - 2011**
Theo Lam, *Netherlands*
-
- 12.00 - 12.15 pm **Subclinical ketosis and relationships with postpartum diseases in European dairy cows**
Wolfgang Heuwieser, *Germany*
-
- 12.15 - 12.30 pm **Herd health management practices and problems on Irish suckler beef farms- results from veterinary practitioner and farmer questionnaires**
James O' Shaughnessy, *Ireland*

12.30 - 12.45 pm **Analysis of culling patterns in Portuguese dairy farms**
Tiago Barros, *Portugal*

12.45 - 02.15 pm Lunch

KEYNOTE LECTURE

02.15 - 03.00 pm **Herd health: reproduction and beyond**
Emile Bouchard, *Canada*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Dairy Farm Quality Risk Management**
David Quintino, *Portugal*

03.15 - 03.30 pm **Animal Welfare – a practical Swedish approach in herd health**
Hakan Landin, *Sweden*

03.30 - 03.45 pm **Prevalence of uterine disease in Austrian dairy farms determined by vaginoscopic, bacteriological and cytological examination**
Isabella Prunner, *Austria*

03.45 - 04.00 pm **Relationship between body condition scores and ultrasound measurements of backfat thickness in Holstein dairy cows**
Hussein Awad, *Egypt*

04.00 - 04.15 pm **Effects of a mycotoxin adsorbent applied with the diet to cattle being exposed to rice straw naturally contaminated with zearalenone**
Mitsuhiro Takagi, *Japan*

04.30 - 04.45 pm **CLOSING CEREMONY**

ROOM 2

Parasitology

ORAL PRESENTATIONS

08.30 - 08.45 am **Vaccine development to control bovine neosporosis**
Elisabeth Innes, *United Kingdom*

08.45 - 09.00 am **Coccidiosis under field conditions: the importance of immunity**
Gerhard Zechner, *Germany*

09.00 - 09.15 am **Epidemiological investigations on the occurrence of parafilariosis in cattle in one veterinary practice in the region of Allgäu, South Germany**
Carola Sauter-Louis, *Germany*

09.15 - 09.30 am **Verification of an interactive map assessing the potential spread of *Galba truncatula* and the free-living stages of *fasciola hepática* in Switzerland**
Gabriela Knubben-Schweizer, *Switzerland*

09.30 - 09.45 am **A changing of the status quo amongst the helminth parasites of cattle and indications relative to anthelmintic treatment**
Thomas Yazwinski, *USA*

09.45 - 10.00 am **E-emergence of bovine trichomonosis and genital campilobacteriosis in beef cattle kept in extensive conditions in Spain**
S. Rojo-Montejo, *Spain*

10.00 - 10.15 am **Granulomatous meningo-encephalitis caused by *Toxoplasma gondii* in threebulls, a possible explanation for unexplained sporadic bovine meningo-encephalitis**
Léonard Theron, *Belgium*

10.15 - 11.00 am **Milk Break**

KEYNOTE LECTURE

11.00 - 11.45 am **Practical guidelines promoting sustainable control of helminth parasites in sheep and cattle - the UK experience**
Mike Taylor, *United Kingdom*

ORAL PRESENTATIONS

11.45 - 12.00 am **Evaluation of ovine abortion associate with *Toxoplasma gondii* by serologic and molecular techniques in Tabriz, Iran**
Ahmad Nematollahi, *Islamic Republic of Iran*

12.00 - 12.15 pm **Preliminary results on the efficacy of Toltrazuril and/or Sulphadiazine/Trimethoprim treatment in *Neospora caninum* infected newborn calves**
Oguz Kul, *Turkey*

12.15 - 12.30 pm **Molecular evaluation of indirect TaSP-ELISA for diagnosis of tropical theileriosis in baladi cattle (*Bos Taurus*) and water buffaloes (*Bubalus bubalis*)**
Amr Mohamed, *Egypt*

12.30 - 12.45 pm **Cryptosporidiosis in Scottish beef suckler herds**
Nicholas Jonsson, *United Kingdom*

12.45 - 02.15 pm **Lunch**

02.15 - 02.30 pm **Assessing viability and infectivity of *Cryptosporidium parvum* strains isolated from neonatal calves**
Karim Adjou, *France*

02.30 - 02.45 pm **Prevalence of *Strongyloides papillosus* and coccidia in young calves in France: concurrent infections are a serious threat for the health**
J. P. Alzieu, *France*

02.45 - 03.00 pm **Effect of gastrointestinal nematodes on ovulation rate of Merino ewes in Uruguay**
Zully Hernández Russo, *Uruguay*

- 03.00 - 03.15 pm **Sheep naturally infected with *Strongyloides papillosus*: The effects of albendazole treatment on the development of oxidative/nitrosative stress**
Blagoje Dimitrijevic, *Serbia*
- 03.15 - 03.30 pm **Field study to evaluate the effectiveness of worm control programmes and inform decisions on the need for further anthelmintic treatments**
Phillippe Camuset, *France*

ROOM 3-4

Camelids

KEYNOTE LECTURE

- 08.30 - 09.15 am **Reproductive disorders of female llamas and alpacas: failure to breed and early embryonic loss**
David Anderson, *Australia*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Diagnostic value of animal-side antibody assays for rapid detection of *Mycobacterium bovis* or *Mycobacterium microti* infection in South American camelids**
Patrik Zanolari, *Switzerland*
- 09.30 - 09.45 am **Embryo transfer success in alpacas – a retrospective study**
Thomas Wittek, *Austria*
- 09.45 - 10.00 am **Clinical studies on skin diseases in the arabian camels (*Camelus dromedarius*) in UAE**
Abdulwahhab Al-Juboori, *United Arab Emirates*
- 10.00 - 10.15 am **Clinical studies on surgical field operations in camel (*Camelus dromedarius*) in UAE**
Abdulwahhab Al-Juboori, *United Arab Emirates*
- 10.15 - 11.00 am **Milk Break**
- 11.00 - 11.15 am **Serum concentration of cardiac troponin I in healthy dromedary camels and water buffaloes**
Seyedhossein Hekmatimoghaddam, *Islamic Republic of Iran*
- 11.15 - 11.30 am **Health problems of llamas and alpacas in Austria**
Sonja Franz, *Austria*
- 11.30 - 11.45 am **Efficacy of Monepantel for treatment of gastrointestinal nematode infections of new world camelids**
Agnes Dadak, *Austria*
- 11.45 - 12.00 am **Clinical and epidemiological aspects of mastitis in camelus dromedarius in Saudi Arabia**
Abdulsalam Bakhsh, *Saudi Arabia*

- 12.00 - 12.15 pm **Eimeria infection in camels (*Camelus dromedarius*) in Yazd province, central Iran**
Alireza Sazmand, *Islamic Republic of Iran*
- 12.15 - 12.30 pm **Seroprevalence of Brucellosis in camels (*Camelus dromedarius*) in center of Iran**
Alireza Sazmand, *Islamic Republic of Iran*

ROOM 6-7

Bovine welfare & cattle comfort

KEYNOTE LECTURE

- 08.30 - 09.15 am **Attitudes to contentious practices in dairy farming**
Daniel M. Weary, *Canada*

ORAL PRESENTATIONS

- 09.15 - 09.30 am **Farmers' perceptions of animal welfare in dairy farms**
João Cannas da Silva, *Portugal*
- 09.30 - 09.45 am **Assessing the heat tolerance of Alentejana and Mertolenga portuguese cattle breeds under influence of solar radiation**
Alfredo Pereira, *Portugal*
- 09.45 - 10.00 am **Visually undetected fever episodes in newly-received beef bulls at fattening operations: Occurrence, duration and impact on performance**
Edouard Timsit, *France*
- 10.00 - 10.15 am **Risk factors for rib lesions in dairy cattle kept in intensive management**
George Stilwell, *Portugal*
- 10.15 - 11.00 am **Milk Break**
- 11.00 - 11.15 am **Comparison of energy balance and fertility traits in dairy cows on elastic or concrete flooring**
Roland Werny, *Germany*
- 11.15 - 11.30 am **Effects of changing dairy cows from straw yard to cubicles with sand on animals cleanliness, and mastitis and lameness incidence**
Inês Grenho Ajuda, *Portugal*
- 11.30 - 11.45 am **Comparison of claw development and claw health in dairy cows on abrasive rubber or concrete flooring**
Manuela Günther, *Germany*
- 11.45 - 12.00 am **Consequences of the dead newborn calf in behavior, cortisol and production performance in primiparous dairy cows**
Marcela González de la Vara, *Mexico*

12.00 - 12.15 pm **Feed First cow traffic: changes in daily rhythm in relation to free cow traffic**
Bertjan Westerlaan, *Netherlands*

12.15 - 12.30 pm **Behavioural reactions before and during vaginal examination in dairy cows**
Madlen Pilz, *Germany*

12.30 - 12.45 pm **Relation between dairy cattle welfare and bulk milk somatic cell count**
Luigi Bertocchi, *Italy*

12.45 - 02.15 pm Lunch

KEYNOTE LECTURE

02.15 - 03.00 pm **The science of cow comfort: building better barns - seeing the freestall from the cow's perspective**
Marina von Keyserlingk, *Canada*

ORAL PRESENTATIONS

03.00 - 03.15 pm **Post-surgical analgesia after correction of left-side displacement of the abomasum in dairy cows**
George Stilwell, *Portugal*

03.15 - 03.30 pm **Pain management in the dehorning of calves with Flunixin**
Marc Drillich, *Austria*

03.30 - 03.45 pm **Evaluating welfare quality in Hungarian dairy herds**
Viktor Jurkovich, *Hungary*

03.45 - 04.00 pm **Effect of transportation during periods of extreme heat on physiological and behavioral in feedlot aged beef heifers**
Miles Theurer, *USA*

04.00 - 04.15 pm **Performance, hoof condition and dirt scores of finishing beef steers on different floor types**
Bernadette Earley, *Ireland*

ROOM 8

Reproduction

ORAL PRESENTATIONS

08.30 - 08.45 am **Field study of reproductive performance with an automated activity monitoring system vs. a synchronized breeding program in dairy herds**
Stephen Leblanc, *Canada*

08.45 - 09.00 am **The effect of adding a progesterone device and re-synchrony to an ovsynch program with eCG when used for whole herd synchrony on an Australian seasonal calving dairy herd**
David Beggs, *Australia*

-
- 09.00 - 09.15 am **Pharmaceutical intervention to improve fertility in dairy herds: an evaluation of veterinarians' beliefs, concerns and prescribing rationales**
Helen Higgins, *United Kingdom*
-
- 09.15 - 09.30 am **Evaluation of three synchrony programs for pasture-based dairy heifers**
Scott McDougall, *New Zealand*
-
- 09.30 - 09.45 am **Comparison between different synchronization protocols and their reproductive efficiency on dairy cattle - a field study**
Carla Azevedo, *Portugal*
-
- 09.45 - 10.00 am **Effects of early pregnancy diagnosis by palpation of amniotic sac per rectum on pregnancy loss in dairy cattle**
Juan Romano, *USA*
-
- 10.00 - 10.15 am **Prediction of twin pregnancies by measuring certain endocrine and metabolic parameters in dairy cows in the peripartal period**
Zoltán Szelényi, *Hungary*
-

10.15 - 11.00 am Milk Break

Organic farming & environmental issues

KEYNOTE LECTURE

- 11.00 - 11.45 am **The environmental impact of dairy farming: how can the white stuff be green?**
Kathryn Ellis, *United Kingdom*
-

ORAL PRESENTATIONS

- 11.45 - 12.00 am **Health improvement following interdisciplinary intervention in organic dairy farms**
Jan Brinkmann, *Germany*
-
- 12.00 - 12.15 pm **Health status of Swedish organic and conventional dairy herds**
Isabel Blanco Penedo, *Portugal*
-
- 12.15 - 12.30 pm **Australia has legislated for a carbon tax - The possible impact on cattle emissions and the farming sector**
Robert Rheinberger, *Australia*
-
- 12.30 - 12.45 pm **Seroprevalence of *Mycobacterium avium* subsp. *paratuberculosis*, *Neospora caninum*, bovine viral diarrhoea and infectious bovine rhinotracheitis viruses in Québec organic herds**
David David Francoz, *Canada*
-

12.45 - 02.15 pm Lunch

ROUND TABLE

- 02.15 - 04.15 pm **Balanced nutrition as prerequisite for optimal cattle health, reproduction and production**
Kerstin Muller, *Germany*, Sergio Calsamiglia, *Spain*, Phil Garnsworthy, *United Kingdom*,
Finbar Mulligan, *Ireland*
-

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WORKSHOPS

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WORKSHOP 1

Rearing heifers for optimal growth and future performance

Date: Friday, June 8th, 2012, 09.00 am-12.30 pm

Venue: Universidade Lusófona de Humanidades e Tecnologias. Campo Grande, 376, Lisboa

Min./Max. Number of participants: 50/150

Language: English

Price: free of charge

Transportation: Departure at 08.00 am from Congress Centre. Return to same location

Speakers: Jan Lievaart, Australia; Jud Heinrichs, USA; Siert-Jan Boersema, Holland; John Mee, Ireland

The four main topics for this workshop are: Housing & Climate control; Practical nutrition & management aspects; A Farm Health approach of heifer rearing and Common problems in heifer rearing.

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WORKSHOP 2

Bovine ultrasonography in clinical practice: Visualisation of findings uncovered by clinical investigation – Ultrasonographic examination of joints and tendon sheaths, abdominal organs, and udder and teat in cattle

Date: Friday, June 8th, 2012, 09.30 am-01.00 pm, 02.00pm-05.00pm

Venue: Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica, Lisboa

Min./Max. Number of participants: 12/21

Language: English

Price: 150 euro/person

Transportation: Departure at 08.30am from Congress Centre. Return to same location

Speakers: Johann Kofler, University of Veterinary

Medicine Vienna; Alexander Starke, University of Veterinary Medicine Hannover; Sonja Franz, University of Veterinary Medicine Vienna

The first objective of this workshop is to give the practising veterinarian an overview of the relevant indications of the application of ultrasonography of the musculoskeletal system, abdominal organs, and udder and teat in cattle and to demonstrate the diagnostic gain of this diagnostic imaging technique.

The second objective of this workshop is to illustrate the value of the complementary ultrasonographic examination following the preceding clinical investigation of the particular organs.

The third objective is to present the ultrasound-guided biopsy of the kidney and the liver in cattle.

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WORKSHOP 3

Advances in the diagnosis, treatment and prevention of bovine respiratory disease in general practice

Date: Friday, June 8th, 2012, 09.00 am-05.00 pm

Venue: Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica, Lisboa

Min./Max. Number of participants: 20/40

Language: English

Price: 70 euro/person

Transportation: Departure at 08.00 am from Congress Centre. Return to same location

Speakers: Phil Scott, University of Edinburgh, UK; George Stilwell, FMV-UTL, Portugal; Brian Aldridge, Cambridge University, England

Logical approach to the diagnosis and treatment of bovine respiratory disease in general practice.

Use of common diagnostic techniques such as physical examination (including the interpretation of lung

sounds), broncho-alveolar lavage, transtracheal wash, and thoracic ultrasonography. Serology. Antibiotic treatments. Use of NSAIDs. Interpretation of necropsy findings. Sample collection. Preventive strategies including vaccination and management.

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WORKSHOP 4A

Evaluation of the milking machine by veterinary practitioners

Date: Friday, June 8th, 2012, 09.00 am-01.00 pm, 02.00 pm-06.00 pm

Venue: Farm Barão & Barão and Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica - Lisboa

Max. Number of participants: 10

Language: English

Price: 100 euro/person

Transportation: Departure at 08.00 am from Congress Centre. Return to same location

Speakers: Peter Edmonson, UK

To evaluate milking machine parameters, through visual inspection, static and dynamic tests, to detect possible problems with milking equipment and to discuss their impact on udder health.

Sponsored by:



WORKSHOP 4B

Use of LactoCorder® on udder health investigations

Date: Friday, June 8th, 2012, 09.00 am-01.00 pm, 02.00 pm-06.00 pm

Venue: Farm Casal de Quintanelas and Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica, Lisboa

Max. Number of participants: 10

Language: English

Price: 100 euro/person

Transportation: Departure at 08.00 am from Congress Centre. Return to same location

Speakers: Ian Ohnstad, UK; Ynte Schukken, USA

Demonstration of the LactoCorder® equipment, data collection and analyses to detect milking routine problems, and discussion of possible solutions.

Sponsored by:



WORKSHOP 5A

People Signals - Farmer Signals: how do 2 people communicate? How can you reach more effect?

Date: Saturday, June 2nd, 2012, 09.00 am-01.00 pm

Venue: Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica - Lisboa

Min./Max. Number of participants: 50/150

Language: English

Price: 25euro/person

Transportation: Departure at 08.00 am from Congress Centre. Return to same location

Speakers: Driessen, Joep (Cowsignals Training Company)

Pre-Congress Energiser Workshop for practitioners to get farmers moving into action.

Why is he not following your advice? What can you do about your own blocking convictions? Look at your own behaviour, think how you can improve and Do it. Look- think- act. With practical examples and our new PeopleSignals model we teach you how to im-

prove your observational and advisory skills. How do you sense, how do you react and how good do you reach your client or audience? Practical, interactive training. You will experience direct effect! The PeopleSignals training helps you to become a more all-round adviser. The practical efficacy of advice is based, in the end, on a combination of three aspects: information (contents), relation (acceptance) and follow up (management).

Sponsored by:



WORKSHOP 5B

Cow Signals: how to read cows' and management language

Date: Sunday, June 3rd, 2012, 09.00 am-01.00 pm

Venue: Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica 1300-477 Lisboa

Min./Max. Number of participants: 50/150

Language: English

Price: 25euro/person

Transportation: Departure at 08.00 am from Congress Centre. Return to same location

Speakers: Driessen, Joep. (Cowsignals Training Company)

Cows send out useful information every moment of the day. You just need to know how to read the signals. This Pre-Congress Energizer Workshop trains advisors and dairymen in the field of practical dairy farming. We focus on the cows demands regarding barn design, feed and care. Dairy farming is about cows after all. This workshop informs and confronts in a pleasant way. Our training is instructive and practical. Our advice is to the point and based on scientific knowledge. Our aim is "Happy cows, happy farmers", and we would like to help you to be a more happy advisor!

The CowSignals® concept concerns to Look-Think-

Act. After serious observation in the barn (see, hear, feel) we look at success factors, bottlenecks and improvement points. Therefore we use the CowSignals® diamond and our checklists. Does the cow get the 6 freedoms of the pasture, also offered in the barn? In the middle number seven: Health. Do you see curved backs, empty rumens, wounds or infection? If so, what then? Such practical issues are addressed in this workshop.

Sponsored by:



WORKSHOP 5C

Cow signals on-farm exercises

Date: Saturday, June 2nd and Sunday, June 3rd, 2012, 01.00 pm-07.00 pm

Venue: Farm near Lisbon

Min./Max. Number of participants: 25 each day

Language: English

Price: On Pfizer invitation only

Transportation: From Faculdade de Medicina Veterinária to farm and back

Speakers: Driessen, Joep (Cowsignals Training Company)

This Pre-Congress Energiser On-farm Workshop is the practical exercise of the theory addressed in workshop 5 part A and B. The clinical monitoring of animals, their environment and the management is the core element. Participants are coached and instructed. They execute the monitoring themselves, after which a debriefing takes place and we will formulate a practical plan of action to improve cow health and farm management. The CowSignals approach can be used on all your farm visits in the future!

Sponsored by:



WORKSHOP 6

IBR eradication in the EU: success and pitfalls of the strategies, current status. The bulk tank as an innovative way of monitoring IBR

Date: Friday, June 8th, 2012, 09.30 am-01.00 pm

Venue: Faculdade de Medicina Veterinária-UTL. Pólo Universitário da Ajuda, Av. da Universidade Técnica 1300-477 Lisboa

Min./Max. Number of participants: 125/250

Language: English

Price: free of charge

Transportation: Departure at 08.30 am from Congress Centre. Return to same location

Speakers: Prof. Etienne Thiry (Chairman), Veterinary Virology and Animal Viral Diseases; Department of Infectious and Parasitic Diseases and Faculty of Veterinary Medicine, University of Liège (Belgium); Jet Mars, GD, The Netherlands and Lourdes Porquet, Civtest Elisa kits Hipra, Spain; Patricia Köenig, FLI, Germany; Stefano Nardelli, IZT Veneto, Italy; F.Javier Diéguez-Casalta, Univ. Santiago de Compostela, Spain

The status of the IBR eradication programs and the different strategies followed in the EU will be presented and discussed, and the strong and weak points of these strategies will be analyzed. Specifically three countries will present the current status of the eradication in their territory: Germany, Italy and Spain. It will also be presented the basis of an innovative method to detect low gE seroprevalences in the bulk tank and the usefulness of this approach to regularly monitor the evolution of these farms (negative or low prevalence farms).

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INTERNAL MEETINGS



WORLD ASSOCIATION OF BUIATRICS

Monday, June 4 – ROOM 1

01.30-02.10 pm **Presentation of candidatures for the WBC 2016**

Monday, June 4 – ROOM 1.15

03.00-05.30 pm **WAB Committee meeting**

Tuesday, June 5 – ROOM 8

04.15-05.30 pm **Meeting with National Delegates**

EUROPEAN COLLEGE OF BOVINE HEALTH MANAGEMENT

Monday, June 4 – ROOM 1.10

09.30-11.30 am **Education and Residency Committee**

11.45-01.45 pm **Examination Committee (if necessary)**

02.15-04.15 pm **Credentials Committee**

Tuesday, June 5 – ROOM 1.10

09.30-11.30 am **Board meeting**

Wednesday, June 6 – ROOM 8

04.15-06.30 pm **AGM**

Thursday, June 7 – ROOM 1.10

09.30-12.00 am **Meeting with the new Committee chairs (President, Vice-President, Mrs Heisler)**

LATIN AMERICAN ASSOCIATION FOR BUIATRICS

Wednesday, June 6 – ROOM 3-4

03.30-06.30 pm **Meeting of the Latin American Association For Buiatrics**

POSTERS

June 3 - 7 | 2012





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MONDAY | JUNE 4 | 2012

Nutrition and metabolic diseases

P: 300**Comparative study of metabolic mineral profiles in dairy farms in two regions of nariño, colombia**

Alejandro Cedeño, D.; Ceballos Marquez A.; Bolaños Alicia C.; Benévices B., Colombia

P: 301**Comparative biochemical studies on adapted Holstein and pure Holstein dairy cows during transition period**

El Sebaie Hussien, A.; Abd-el-salam Naguib M.; Hussein Awad H.; Staufenbiel R., Egypt

P: 302**Periparturient disorders and its relation to subclinical ketosis in Iranian Holstein cows**

Sakha, M.; Nejat Dehkordi S., Islamic Republic of Iran

P: 303**Correlation between a field glucose tolerance test (fgtt) in the transition dairy cow and b-ohb, glycemia and disease incidence detected in a field trial**

Riuzzi, S.; Fiore E.; Giancesella M.; Morgante M., Italy

P: 304**Suitability of mixing Catosal® with commercially available saline**

Raposo Canelas, J.; Heep I.; Raposo Canelas J.; Taterna H., Germany

P: 305**Changes in blood levels of glucose, insulin and inorganic phosphorus in healthy and ketotic dairy cows during glucose tolerance test**

Djokovic Dusan, R.; Samac H.; Illic A Z.; Kurcubic S V.; Fratric P N., Serbia

P: 306**Liver copper, selenium, and zinc profiles in relation to different production phases of a dairy herd**

Hussein Awad, H.; Müller A.; Staufenbiel R., Egypt

P: 307**Potential markers during transition period for early identification of subclinical ketosis and subclinical mastitis in Holstein dairy cows**

Hussein Awad, H.; El-sebaie A.; Abd-el-salam M.; Staufenbiel R., Egypt

P: 308**Effect of supplementation with combination of vitamin A, E, C and volatile oils (Superimmune®) on growth rate and antioxidant parameters in calves.**

Youssef Ahmed, M.; Elseidy A Y.; El-khodery A S.; Abdelhamid M F., Egypt

P: 309**Usefulness of some biochemical parameters and electrocardiography technique in detection of nutritional muscular dystrophy of calves**

Sobiech, P.; Pomianowski A.; Zarczynska K.; Radwinska J., Poland

P: 310**Metabolic serum profiles in pre- and postpartum Rubia Gallega cattle**

Barrio, M.; Becerra J.; Quintela L.; Caínzos J.; Peña A.; Rodríguez-zamora A.; Trillo Y.; Prieto A.; Díaz C.; Peñarando D.; Herradón P., Spain

P: 311**Lipidemia and lipid infiltration of the liver in dairy cows during the transition period**

Djokovic, R.; Samanc H.; Illic Z.; Kurcubic V.; Fratric N., Serbia

P: 312**Use of individual cow monthly milk fat records as a screening tool for the identification of subacute ruminal acidosis affected herds**

Valergakis E, G., Greece

P: 313**Bovine subclinical ketosis in dairy herds in Nishaboor – Iran**

Tehrani-sharif, M., Islamic Republic of Iran

P: 314**Bovine subclinical ketosis in dairy herds in Nishaboor – Iran**

Tehrani-sharif, M., Islamic Republic of Iran

P: 315**Relationship between the oxidative status and the protein metabolism of dairy cows during the transition period**

Abuelo Sebio, A.; Hernández Bermúdez J.; Pereira Lestayo V.; Benedito Castellote Luis J.; García Vaquero Antonio M.; Castillo Rodríguez C., Spain

P: 316**Relationship between different energetic status biomarkers during the transition period in high yielding dairy cows.**

Hernández Bermúdez, J.; Benedito Castellote Luis J.; Abuelo Sebio Á.; Pereira Lestayo V.; Miranda Castañón Inés M.; García Vaquero Antonio M.; Castillo Rodríguez C., Spain

P: 317**Relationship between the oxidative status and the energetic profile of dairy cows during the transition period**

Hernández Bermúdez, J.; Abuelo Sebio Á.; Benedito Castellote Luis J.; Pereira Lestayo V.; García Vaquero Antonio M.; Castillo Rodríguez C., Spain

P: 318**Long-term measurement of rumen pH in fattening bulls by an indwelling and wireless data transmitting unit**

Gasteiner Bernhard, J.; Velik M.; Guggenberger T., Austria

P: 319

Influence of grain processing (grinding or pelleting) on serum metabolites and enzymes in finishing bull calves

Pereira, V.; Hernández J.; Benedito J.; Vázquez P.; Abuelo Á.; García-vaquero M.; Muñio R.; Castillo C., Spain

P: 320

Study of metabolic profile and productive performance in finishing bull-calves fed a high-grain diet supplemented with sodium-malate.

Pereira, V.; Hernández J.; Benedito J.; Vázquez P.; López-alonso M.; Abuelo Á.; Muñio R.; Castillo C., Spain

P: 321

In vitro and in vivo evaluation of an autolysed yeast preparation (Levabon Rumen) as feed supplement

Ganner, A.; Stoiber C.; Dohal I.; Markert W.; Ribeiro Gomide D.; Decker K.; Klevenhusen F.; Pereira Neves M.; Zebeli Q.; Schatzmayr G., Austria

P: 322

Association among blood metabolites variations, metabolic diseases and reproductive disorders in transition dairy cows

Badan, M.; Stefani Lisa A.; Bertazzo V.; Ruffa M.; Dorigo M.; Barberio A., Italy

P: 323

The fatty acid turnover of subcutaneous and abdominal fat in high yielding dairy cows during negative energy balance

Hostens, M.; Fievez V.; Leroy Lmr J.; Van Ranst J.; Vlaeminck B.; Opsomer G., Belgium

P: 324

Influence of breed on copper accumulation in steers fed diets supplemented with copper

López-alonso, M.; Benedito Luis J.; Castillo C.; Gutiérrez B.; García-vaquero M.; Miranda M., Spain

P: 325

Interlobular Cu distribution in the liver of cattle. Validation of liver biopsy

AUTHORS: Miranda, M.; Benedito Luis J.; Gutiérrez B.; Hernández J.; Pereira V.; López-alonso M., Spain

P: 326

Quantitative and qualitative determination of fatty acids in the serum of periparturient dairy cows

Martin, R.; Kallweit M.; Mansfeld R., Germany

P: 327

Correlations between nutritional factors and bovine abomasum dislocations in thirteen dairy farms

Simões, J.; Teixeira V.; Ventura Manuel A.; Cunha C.; Pires P., Portugal

P: 328

Effect of a butaphosphan and cyanocobalamin combination on energetic metabolism assessed by liver and muscle biopsies in non-lactating Holstein cows

Gomes José, M.; Videira R.; Silva F.; Almeida J.; Deniz A.; Pirro F.; Raposo J.; Dargent F.; Peixoto F.; Silva A., Portugal

P: 329

Mineral profile in soil, forage and blood serum of dual purpose cattle in the tropical zone of San Luis Potosi, Mexico

Vieyra Rodolfo, A.; Domínguez Ignacio Arturo V.; Bórquez José Luis G.; Olmos Genaro O.; Morales Ernesto A.; Lugo Jorge D.; Martínez Juan Felipe M.; Palacio Juan N., Mexico

P: 330

Prevalence of subclinical ketosis in Holstein heifers and cows in a commercial dairy farm in São Paulo State, Brazil

Fagliari Jurandir, J.; Santana Marcos A.; Santana L.; Simpício Maria K.; Silva Gomes D.; Duran Su M.; Silva Lacerda P.; Guerreiro B., Brazil

P: 331

Sensitivity and specificity of a hand-held meter for beta-hydroxybutyrate measurement in dairy cows

Fagliari Jurandir, J.; Santana Marcos A.; Simpício Maria K.; Santana L.; Silva Gomes D.; Duran Su M.; Silva Lacerda P.; Rodrigues Alberto C., Brazil

P: 332

Incorporate fertilac® in dairy cows tries to increase milk production

Muñio, R.; Martínez D.; Castillo C.; Hernández J.; López-alonso M.; Pereira V.; García-vaquero M.; Benedito J. Centro Veterinario Meira, Spain

P: 333

Aflatoxin in corn hybrids, transgenic and isogenic used in animal feed

Silvia Denise Pena, B.; Posadas Manzano E.; Valladares C B., Mexico

P: 334

Problems of nutrition, their diagnose and treatment in bovine cattle in professional practices

Hidalgo YTeran R, F., Mexico

P: 335

Production and carcass composition of buffalo (Bubalus bubalis) in Traditional and Silvopastoral Systems, in Eastern Amazon, Brazil

Da Silva Bastos, M.; Joelle Peixoto M.; Lourenço Junior De Brito J.; Faturi C.; Nahúm Souza B.; De Oliveira Cavalcanti Conon K. UFRA et CSS Belgium, Belgium

P: 336

Influence of management system in plasmatic cobalt levels

González-montaña, J.; Escalera Valente F.; Lomillos Péres J.; Alonso De La Varga M., Spain

P: 337

Effects of parenteral administration of selenium and vitamin E on chosen antioxidant indexes in blood of periparturient dairy cows

Kovac, G.; Petrovic V.; Pisarcikova J.; Zigo F.; Vasil M., Slovakia

P: 338

Cardiac and metabolic effects of feed deprivation in lactating dairy cows

Eisenberg, S.; Van Der Drift S.; Kist A.; Tieben A.; Gruenberg W., Netherlands

P: 339

Investigation of body condition score and insulin sensitivity (RQUICKY) in downer cow syndrome

Bonvoisin, M.; Rollin F.; Lebreton P.; Garnier C.; Detilleux J.; Guyot H., Belgium

P: 340

Investigation of sudden death of calves after epileptic seizures due to hypomagnesaemia and hyperparathyroidism

Chevalier, M.; Lebreton P.; Garnier C.; Rollin F.; Guyot H., Belgium

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The problems of nutrition, their diagnose & treatment in bovine cattle in professional practices

Hidalgo y teran R, F., Mexico

P: 342

A *Saccharomyces cerevisiae* liquid probiotic improve productivity in F1 bulls housed in the humid tropic.

Quiroz, M.; Livas F., Mexico

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Relation between ruminal fermentation and low milk fat percentage under field condition (case study)

Brydl, E.; Brydl E.; Könyves L.; Jurkovich V.; Kovács P., Hungary

P: 344

In vitro studies on the effects of grass silage containing low true protein on protein metabolism in bovine ruminal fluid

Höltershinken, M.; Gresner N., Germany

P: 345

Obesity in cows is associated with insulin resistance and serum adipokine status regardless of omental or subcutaneous adipokine status.

Caixeta Souza, L.; Yepes-leal F.; Macdearmid C.; Cully T.; Romano J.; Wakshlag J.; Overton T.; Nydam D., United States

P: 346

Blood profile of lambs fed experimentally with different concentrations of crambe – preliminar results

Fioravanti Soares, M.; Sousa Sandra V.; Benatti Tanus L.; Serodio Job J.; Silva Dias R.; Louvandini H., Brazil

P: 347

Evaluation of increasing dietary zinc on the levels of copper, zinc, and metallothionein in the liver of copper-loaded sheep.

Minervino Hamad, A.; Rodrigues Augusto Mazzocca Lopes F.; Araújo Akiko Sato Cabral C.; Reis Frasson L.; Sousa Santos R.; Mori Satsuk C.; López-alonso M.; Barrêto-júnior Alves R.; Headley Arlington S.; Ortolani Lippi E., Santarém, Brazil

P: 348

Evaluation of metabolic profile and oxidative status of Santa Inês sheep during the peripartum period

Nunes R, G.; Nascimento M P.; Weigel A R.; Lima S A.; Morgado A A.; Nikolaus J.; Storillo M V.; Mori S C.; Hagen Carlo Fillipo S.; Sucupira A M., Brazil

P: 349

Hematological alterations of sheep with chronic copper poisoning

Minervino Hamad, A.; Ortolani Lippi E.; Machado Henrique C.; Barrêto-júnior Alves R.; Mori Satsuk C.; Headley Arlington S., Brazil

P: 350

The utilization of zinc to prevent copper toxicosis in sheep

Minervino Hamad, A.; Rodrigues Augusto Mazzocca Lopes F.; Araújo Akiko Sato Cabral C.; Barrêto-júnior Alves R.; Trivellato Frateschi B.; Headley Arlington S.; López-alonso M.; Ortolani Lippi E., Brazil

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Predictive values of aspartate aminotransferase and gamma-glutamyl transferase for the hepatic accumulation of copper in sheep with or without zinc supplementation.

Minervino Hamad, A.; Araújo Akiko Sato Cabral C.; Reis Frasson L.; Rodrigues Augusto Mazzocca Lopes F.; Trivellato Frateschi B.; Sousa Karolina Freitas I.; Headley Arlington S.; Sousa Santos R.; Ortolani Lippi E., Brazil

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Effect of the sodium monensin administration in the energy profile of dairy cows

Almeida Campos, L.; Almeida Montalvão F.; Sobreira Ramos R.; Starling Zappavigna Costa R.; Pereira Neto E.; Barcellos Paiva M.; Senna Porto F.; Siqueira Broch J.; Barioni G., Brazil

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Effect of sodium monensin administration on the production and composition of milk in lactating cows

Almeida Campos, L.; Almeida Montalvão F.; Sobreira Ramos R.; Pereira Neto E.; Barcellos Paiva M.; Senna Porto F.; Siqueira Broch J.; Barioni G., Brazil

P: 354

Energy analysis of metabolic profile of dairy cows in southern of the Espírito Santo state, Brazil.

Imeida Montalvão De, F.; Leão Gustavo Casotti De Á.; Almeida Campos L.; Pereira Neto E.; Barcellos Paiva M.; Senna Porto F.; Siqueira Broch J.; Barioni G., Brazil

P: 355

Profile energy metabolism in postpartum and return to estrous in Girolanda dairy cows.

Andrade Geralda, D.; Almeida Campos L.; Ferreira Gabriel P.; Starling Costa Zappavigna R.; Pereira Neto E.; Barcellos Paiva M.; Senna Porto F.; Siqueira Broch J.; Barioni G. Veterinary Medical autonomous, Brazil

P: 356

Comparation of the ruminal sheep fluid collected by three different techniques

Morgado Alberti, A.; Weigel Alves R.; Nascimento Marques P.; Storillo Martins V.; Lima Silva A.; Nunes Roc, Brazil

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Secondary multi-essential element deficiency induced by aluminium and iron intoxication in cows

Miranda, M.; Rigueira L.; Carbajales P.; Castro D.; López-alonso M., Spain

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Whole, ground and high moisture corn in high concentrate diets for finishing lambs

Oliveira Silva, L.; Mazon Rezende M.; Zotti André C.; Carvalho Ferreira R.; Pesce Cenachi D.; Silva Luz S.; Leme Roberto P., Brazil

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Influence of different antioxidants on hematological evaluation of bovine cattle fed with brachiaria sp. Hay – preliminary results

Silva Dias, R.; Costa Lage G.; Serodio Job J.; Cardoso D.; Oliveira Alencar N.; Oliveira Freires H.; Fernandes Cirilo W.; Arduino De Godoy Cravo G.; Fioravanti Soares M., Brazil

P: 360

Effect of different sources of non-protein nitrogen on populations of three species of rumen bacteria in Nellore steers

Nogueira Filho Carlos Machado, J.; Corte Ruegger Pereira Silva R.; Brito Oliveira F.; Leme Roberto P.; Silva Felipe Prada L., Brazil

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The effects of glycinate - versus inorganic bound trace element supplementation in growing calves

Konyves, L.; Brydl E.; Papp Z.; Bata A.; Jurkovich V.; Kovacs P.; Tegzes L., Hungary

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Ruminal and metabolic profile of fed, fasted and reeved steers

Minervino Hamad, A.; Ortolani Lippi E.; Maruta Akio C.; Barrêto-júnior Alves R.; Mori Satsuk C.; Soares Castro P.; Sucupira Cláudia Ararape M., Brazil

P: 363

Effect of monensin or propylene glycol at the dairy cow's diet in the transition period on serum minerals concentrations

Moreira Facury, T.; Souza Junior Antônio J.; Carvalho Ultimo A.; Molina Ribeiro L.; Moreira Facury T.; Lasmar Veloso Facury P.; Ferreira Oliveira L.; Aquino Neto Martins De H.; Facury Filho Jorge E., Brazil

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The behaviour of serum minerals concentrations during transition period of dairy cows

Moreira Facury, T.; Souza Junior Antonio J.; Carvalho Ultimo A.; Molina Ribeiro L.; Moreira Facury T.; Lasmar Veloso Facury P.; Zambrano Azael J.; Facury Filho Jorge E.; Freitas Dias M., Brazil

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Relationships between metabolic profile and oxidative status of holstein cows in the peripartum period

Lima Silva, A.; Storillo Martins V.; Nascimento Marques P.; Nunes Rocha G.; Weigel Alves R.; Morgado Alberti A.; Nikolaus Paulo J.; Mori Satsuki C.; Hagen Carlo Filippo S.; Sucupira Ararape M., Brazil

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Effect of administration of vitamins ADE in Santa Inês sheep in the peripartum period: evaluation of biochemical profile and oxidative

Nascimento Marques, P.; Weigel Alves R.; Nunes Rocha G.; Lima Silva A.; Morgado Alberti A.; Nikolaus Paulo J.; Storillo Martins V.; Mori Satsuki C.; Hagen Carlo Filippo S.; Sucupira Ararape M., Brazil

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Biochemical and mineral blood patterns of dairy cows during the transition period

Paula Marques, V.; Paula Marques V.; Salgado Martins L.; Freitas Dias M.; Moreira Ferreira Abreu G.; Moreira Facury T.; Leme Oliveira Paes F.; Carvalho Último A.; Facury Filho Jorge E., Brazil

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Biochemical and mineral blood patterns of dairy cows during the transition period

Paula Marques, V.; Paula Marques V.; Salgado Martins L.; Freitas Dias M.; Moreira Ferreira Abreu G.; Moreira Facury T.; Leme Oliveira Paes F.; Carvalho Último A.; Facury Filho Jorge E., Brazil

P: 369

Lead and calcium serum values of cows in pre and post partum on a dairy farm of minas gerais state, brazil

Ferreira Guimarães, M.; Ferreira Guimarães M.; Freitas Dias M.; Cobucci Carvalho G.; Tiago Facury Moreira Facury T.; Molina Ribeiro L.; Carvalho A.; Facury Filho E.; Melo Martins M., Brazil

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Evaluation of acid-base balance and the influence of fluid in cows postpartum

Facury Filho Jorge, E.; Aquino Neto Martins H.; Freitas Dias M.; Ferreira Oliveira L.; Moreira Henrique Ferreira Abreu G.; Leme Oliveira Paes F.; Carvalho Último A.; Prandi Campagnaro A., Brazil

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Vitamin B12 concentrations in blood serum of cows with disturbed energy metabolism

Fuerli, M.; Arndt K.; Goerigk D., Germany

P: 372**Evaluation of liver and pancreatic serum enzymes from feedlot bovine**

Costa Lage, G.; Lima Gontijo F.; Oliveira Feires H.; Fernandes Cirilo W.; Fioravanti Soares M., Brazil

P: 373**Ruminal hydrogen sulfide concentration determined by a sulfide detector tube method in bovine kept under extensive system**

Cunha Henrique Jorge, P.; Badial Ramos P.; Oliveira Filho Paes J.; Cagnini Quevedo D.; Borges Secorun A., Brazil

P: 374**Effectiveness of clinical monitoring and treatment of type II abomasal ulcer in a Nelore heifer: case report**

Moreira Ferreira Abreu, G.; Prandi Campagnaro A.; Moreira Ferreira Abreu G.; Facury Filho Jorge E.; Molina Ribeiro L.; Santos De Paula Henrique L.; Carvalho Gomes J.; Mendonça Lucas F.; Carvalho Ultimo A., Brazil

P: 375**Digestion of wheat hay as compared to alfalfa and ryegrass in steers**

Alvarez Gilberto, E.; Mejia Alejandro M.; Torrentera Guadalupe N.; Ponce Francisco J.; Rodriguez J., United States

P: 376**The effect of repeated intramuscular administration of buta-phosphan and cyanocobalamin on metabolic profile of peri-parturient dairy cows**

Illek, J.; Kumprechtova D.; Kudrna V., Czech Republic

P: 377**Comparison clinical examination methods and laboratory tests in the dairy cows showing rapid loss of milk production in the postpartum period**

Horvath, A.; Horvath A.; Mester A.; Nagy K.; Szelenyi Z.; Bajcsy C.; Szenci O., Hungary

P: 378**Peripartal metabolism, culling reasons and productive life in Holstein dairy cows**

Ackermann, S.; Fuerl M., Germany

P: 379**Free access to amaranthus hypocondriacus var. Azteca in multi-nutrient blocks in small-scale sheep farms on Mexico**

Silvia Denise Pena, B.; Posadas Manzano E.; Valladares C B., Mexico

P: 379A**Dairy cows milk production and composition under grazing and supplemented with different levels of concentrate in the valley of toluca, state of Mexico**

Morales-almarez, E.; González-Martínez F.; Bórquez Gastelum J.; Arriaga Jordán C.; Albarrán Portillo B.; Domínguez-vara I.

Public Health/food safety**P: 380****Isolation and biochemical characterization of strains of staphylococcus aureus isolated during the production of frescal minas type cheese**

Nader Filho, A.; Medeiros Merino M.; Santos Sviech S.; Conde Oliveira S.; Melo Castro P.; Ferreira Menezes L.; Nader Filho A., Brazil

P: 381**Fatty acids profile by Fourier Transform Infrared spectroscopy (FTIR) of fat: validation as screening test in dairy herds of Lombardy Region, Italy.**

Zanardi, G.; Bolzoni G.; Marcolini A.; Giuseppe B.; Bertocchi L., Italy

P: 382**Epidemiological survey on Campylobacter jejuni in dairy cattle farms in Northern Italy**

Luini, M.; Santoro E.; Benedetti V.; Invernizzi E.; Miccolupo A.; Parisi A.; Vezzoli F., Italy

P: 383**Chlortetracycline residues in marketed pork of Assam, India and its Public health Importance.**

Gogoi, R.; Roy Chandra D.; Gogoi M.; Saleque A., India

P: 384**Ceftiofur residues determination in Swine muscle tissues in Guwahati City of Assam, India and its public health importance**

Gogoi, M.; Gogoi R.; Roy Chandra D., India

Tropical animal diseases**P: 385****Clinic Epizootic Hemorrhagic Disease in Cattle, Western Turkey**

Batmaz, H.; Temizel Ethem M.; Yesilbag K.; Batten C.; Senturk S.; Maan Sigh N.; Mertens Clement P.; Batmaz H., Turkey

P: 386**Evaluation of the effectiveness of different treatments for integral in cattle control of natural infestations the horn fly haematobia irritans on the coast of Oaxaca, Mexico**

Duran melendez, E.; Rojas Gasga S., Mexico

P: 387**Cerebral babesiosis in calf: report case**

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P: 999**Isolation and identification of epizootic hemorrhagic disease virus (EHDV) from sheep in western Turkey**

Erol, N.; Yavru S.; Erol N.; Avci O.; Esin E., Turkey

P: 1000**Prevalence of *Cryptosporidium* sp in lambs in Algeria**

Adjou, K.; Baroudi D.; Khelef D.; Boireau P.; Vallee I., France

P: 1001**Comparative evaluation of apoptotic and anti-apoptotic mechanisms in the brains of sheep and goat naturally infected with Border Disease**

Dincel Cagdas, G.; Kul O., Turkey

P: 1002**Multivariate analysis of heat tolerance characteristics in Santa Ines and crossbred lambs in the Federal District of Brazil**

Cardoso Cesar, C.; Corrêa Pachêco Chediak M.; Cardoso Tadeu M.; Castanheira M.; Landim Vieira A.; Dallago Stefano B.; Louvandini H.; Mcmanus C., Brazil

P: 1003**Physiological parameters and thermal comfort indexes in santa ines ewe during winter at tropical climate of Rio de Janeiro State, Brazil**

Cardoso Cruz, E.; Peneiras Veltri A.; Balara Alvarez M.; Almosny Regina Pereira N.; Costa Pinto I.; Pereira A., Brazil

P: 1004**Standardization of lambs hematological values obtained in the hematologic analyser BC-2800**

Gerardi, B.; Avila Gabriela L.; Alcindo Filgueira J.; Bermejo Justiniano V.; Feitosa Leydson Formiga F.; Peiro Regina J.; Mendes Claudio Nogueira L., Brazil

P: 1005**Brainstem auditory evoked potentials in sheep affected by transmissible spongiform encephalopathies**

Konold, T.; Bone Elise G., United Kingdom

P: 1006**“The female effect” in goats from northern Mexico**

Rodríguez-martínez, R.; Arellano-rodríguez G.; Meza-herrera C.; Guillén-muñoz J.; Ángel-garcía O.; De Santiago-miramontes M.; Véliz F.; Rodríguez-martínez R., Mexico

P: 1007**Characterization of farms to identify sheep meat commercialization channels in the highlands of Central Mexico**

Domínguez Ignacio Arturo, V.; Juárez Marilyn M.; Álvarez Yedaiel C.; Mondragón Jaime A.; Salazar Félix G.; Bórquez José Luis G.; Martínez Carlos G., Mexico

P: 1008**Strus response of multiparous female goats to the stimulus of young males treated with testosterone**

Véliz Gerardo, F.; Luna-orozco Ramón J.; Meza-herrera Alberto C.; Ángel-garcía O.; Guillén Manuel J.; De Santiago-miramontes Angeles M.; Arellano-rodríguez G.; Rodríguez-martínez R., Mexico

P: 1009**Case report: Maceration fetal sheep in Central Brazil**

Amador Aquino, S.; Cardoso Cesar C.; Brandão E.; Menezes Morato A.; Castro Botelho M.; Pimentel Mcmanus C., Brazil

P: 1010**Rare *Cryptococcus gattii* infection in a healthy dairy goat following a cesarean section**

Villarreal, A.; Maggilli Rhea T., United States

P: 1011**Presence of hypogammaglobulinemia in lambs bergamasca immediately after birth**

Ulian Maria Vela, C.; Chiacchio Biagio S.; Siqueira Ramos E.; Ramos Roberto Rodrigues P.; Dias A.; Pílan José Guimarães G.; Cassiano Cuelar Orlandi E., Brazil

P: 1012**Determination of gammaglobulin fraction from the serum of colostrum of bergamasca sheep immediately and 12 hours after delivery**

Ulian Maria Vela, C.; Chiacchio Biagio S.; Fernandes S.; Ramos Roberto Rodrigues P.; Dias A.; Ulian Maria Vela C.; Santarosa Paola B., Brazil

P: 1013**Total protein concentration in colostrum serum of bergamasca ewe after calving and 12 hours later**

Ulian Maria Vela, C.; Chiacchio Biagio S.; Fernandes S.; Ramos Roberto Rodrigues P.; Dias A.; Leal Santos N.; Seraphim Carmo L.; Dibbern Schmidt L., Brazil

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Density of colostrum in bergamasca ewe immediately and 12 hours after calving

Ulian Maria Vela, C.; Chiacchio Biagio S.; Siqueira Ramos E.; Ramos Roberto Rodrigues P.; Dias A.; Oliveira Aparecida A.; Dibbern Schimidt L.; Cassiano Cuelar Orlandi E., Brazil

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Frequency of lambing in bergamasco ewes during calving season between May and August 2010

Ulian Maria Vela, C.; Chiacchio Biagio S.; Fernandes S.; Ramos Roberto Rodrigues P.; Dias A.; Pilan José Guimarães G.; Oliveira Aparecida A.; Seraphim Carmo L., Brazil

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Physiological parameters in bergamasca lambs until 15 days of life

Ulian Maria Vela, C.; Chiacchio Biagio S.; Fernandes S.; Ramos Roberto Rodrigues P.; Dias A.; Ulian Maria Vela C.; Santarosa Paola B.; Leal Santos N., Brazil

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Effect of dietary n-6 and n-3 fatty acid sources on dry matter intake and ruminal fermentation characteristics of goat kids

Najafi, M.; Zeinoddini S.; Ganjkanlou M.; Najafi A., Islamic Republic of Iran

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Blood gas and acid-base balance from goats at post-partum period

Yanaka, R.; Camargo Gaubeur D.; Santos Arena W.; Bovino F.; Feitosa Leydsom Formiga F., Brazil

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Evaluation of blood gas and acid-base balance of goat kids from birth to 75 days of life

Yanaka, R.; Camargo Gaubeur D.; Bovino F.; Santos Arena W.; Feitosa Leydsom Formiga F., Brazil

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Hormonal control of the breeding activity in Churra Galega Bragançana ewes

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Milk electrical conductivity change across lactation in Chios and Lacaune ewes

Gelasakis Ioannis, A.; Valergakis Emmanouil G.; Arsenos G.; Banos G., Greece

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The effect of various forms of copper supplied to kids on growth intensity and the level of copper and zinc in the body

Pechova, A.; Pavlata L.; Hauptmanova K.; Zvonareva E.; Husakova T.; Dvorak R., Czech Republic

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The effect of lameness on milk yield in Chios dairy sheep in Greece

Gelasakis Ioannis, A.; Valergakis Emmanouil G.; Arsenos G.; Banos G., Greece

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Blood profile of lactic ruminal acidosis by acute intoxication with Hovenia dulcis in sheep - Case report

Schmidt Moreira Santos, E.; Barros Filho Roque I.; Santos Felismino Charas I., Brazil

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White blood cells count of the newborn goat kids from normal delivery and cesarean section

Camargo Gaubeur, D.; Bovino F.; Bregadioli T.; Paulon Viviane C.; Yanaka R.; Deschk M.; Feitosa Formiga F., Brazil

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Blood gas parameters and acid-base balance of kids from normal delivery and cesarean section

Camargo Gaubeur, D.; Bovino F.; Bregadioli T.; Paulon Viviane C.; Yanaka R.; Araújo Augusto M.; Santos Patto P.; Feitosa Formiga F., Brazil

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Determination of serum cortisol concentrations in newborn goats submitted to different managements of colostrum from birth to 15 days old

Cyrillo Cavallini, F.; Dantas Nascimento G.; Benesi Jose F., Brazil

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Serum proteinogram in the milk of santa inês sheep breed in different stages of lactation

Lemos Freire, V.; Guaraná Levi E.; Bastos Afonso J.; Faglieri Jurandir J.; Silva César P.; Soares Castro P.; Mendonça Lopes C., Brazil

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Proteinogram whey of healthy and infected sheep at different stages of lactation

Lemos Freire, V.; Guaraná Levi E.; Bastos Afonso J.; Faglieri Jurandir J.; Silva Cesar P.; Soares Castro P.; Mendonça Lopes C., Brazil

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Prevalence of tuberculosis in sheep raised in Pará state, Amazon, Brazil

Viana Batista, R.; Melo Paraense A.; Kzam Lima A.; Bragança Mota G.; Monteiro Moura B.; Pinheiro Rosário D.; Paz Colombi G.; Souza Campos D.; Melo Oliveira W.; Chaves Silva L.; Sousa Moura E.; Nascimento Junior Soares A., Brazil

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Occurrence of tuberculosis in goat raised in Pará state, Amazon, Brazil

Viana Batista, R.; Palheta Costa E.; Bragança Mota G.; Monteiro Moura B.; Paz Colombi G.; Souza Campos D.; Kzam Lima A.; Sousa Moura E.; Mota Lobato G.; Chaves Silva L.; Melo Oliveira W.; Leão Pereira A., Brazil

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Relationship between udder conformation and somatic cell count in saanen goats

Batista Freitas, C.; Santos Silveira D.; Santos Parapinski B.; Lima

Magalhães D.; Lima Barbosa M.; Noznica Francesconi C.; Bertagnon Godoi H.; Della Libera Melville Paiva A., Brazil

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Seasonal variation in semen characteristics of crossbreed rams in northwest of Iran

Moghaddam, G.; Pourseif M.; Rafat S., Islamic Republic of Iran

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Effect of a peri-partum nutritional supplementation in the survival and body weight of kids born in autumn in northern Mexico

De Santiago Miramontes, M.; Veliz-deras F.; Luna-orozco J.; Rodriguez-martinez R.; Meza-herrera C.; Mellado M., Mexico

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Correlation between scrotal circumference and body measurements of prepubertal sheep from birth to weaning

Denadai Bruym, D.; Santos Pedro R.; Moreira Rodrigues Y.; De Oliveira Madella A.; Barioni G.; Siqueira Broch J., Brazil

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Wool cover face and productivity in Corriedale sheep

Leite Echevarria, L.; Costa Tavares P.; Costa Tavares R.; Pavaglio P.; Rosa Saydelles C., Brazil

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The applicability of thermography as a detection method for lameness in dairy goats

Ajuda Grenho, I.; Vieira A.; Stilwell G., Portugal

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Influence of the caprine arthritis-encephalitis virus infection on the electrophoretic analysis of goats whey proteins

Raimondo Fraga Esilva, R.; Birgel Junior Harry E., Brazil

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Hysterectomy on primiparous ewe: case report

Botelho Gregorio, R.; Rodrigues Karoline M.; Villa-filho P.; Huaixan Neves L.; Ximenes Henrique Bezerra F.; Godoy Ferro R.; Borges Junqueira J.; Bravo Oliveira M.; Martha Oliveira B., Brazil

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Retrospective study of 50 cases of pregnancy toxemia in the large animal hospital of the university of Brasilia, Brazil

Arruda Sobrinho Bulle, S.; Bravo Oliveira M.; Botelho Gregório R.; Villa Filho César P.; Ximenes Henrique Bezerra F.; Godoy Ferro R.; Borges Junqueira J., Brazil

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Erythrogram and total plasma protein in boer goats raised in western Paraná, Brazil

Gomes, V.; Noronha A.; Scolaro Júnior Carlos J.; Gruchouskei L.; Tognon R.; Kawa A.; Guirio Cristina Bueno Do Prado É.; Madureira Medici K.; Gomes V., Brazil

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Hepcidin gene expression analysis among ovine liver lobes*

Badial Ramos, P.; Oliveira-filho Paes J.; Cunha Henrique Jorge P.; Gorino Claudia A.; Marinheiro Fontanetti M.; Araújo Jr Pessoa J.; Winand N.; Borges Secorun A., Brazil.

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Influence of complete freund's adjuvant on hepatic hepcidin gene expression and plasma iron concentration in sheep*

Badial R, P.; Oliveira-filho Paes J.; Cunha Henrique Jorge P.; Cagnini Quevedo D.; Delfiol José Zanzarini D.; Araújo Jr Pessoa J.; Divers T.; Winand N.; Borges Secorun A., Brazil.

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Tuberculosis of mammary gland in goats

Quintas, H.; Quintas H.; Alegria N.; Botelho A.; Pires I., Portugal

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Serological survey of Map infection in goats in the Northeast of Portugal

Quintas, H.; Quintas H.; Coelho Claudia A.; Valentim R.; Vila Grau A.; Prendes Marques S.; Mauricio R.; Mendonça A., Portugal

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Stimulation of sexual behavior of male goats during the sexual-resting season in northern Mexico

Véliz Gerardo, F.; Arellano-rodríguez G.; Ángel-garcía O.; Guillen-muñoz Manuel J.; Meza-herrera Alberto C., Mexico

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Comparison of superficial scrotal temperatures in sheep of different ages

Ramires Neto, C.; Santo Valeriano R.; Monteiro Augusto G.; Rodello L.; Monteiro-toma Dias C.; Resende Lacerda H.; Bicudo Dimas S., Brazil

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Evaluation of the superficial scrotal temperature and testicular Doppler flowmetry in adult sheep under thermal stress

Ramires Neto, C.; Santos Valeriano R.; Monteiro Augusto G.; Rodello L.; Monteiro-toma Dias C.; Resende Lacerda H.; Bicudo Dimas S., Brazil

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Comparison between testicular thermography and testicular Doppler flowmetry in adult sheep

Ramires Neto, C.; Santos Valeriano R.; Monteiro Augusto G.; Rodello L.; Monteiro-toma Dias C.; Resende Lacerda H.; Bicudo Dimas S., Brazil

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A comparison of copper concentration in milk during supplementation of different Cu forms in goats

Pechova, A.; Pavlata L.; Hauptmanova K.; Zvonareva E.; Husakova T.; Dvorak R., Czech Republic

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Determination of ruminal hydrogen sulfide in sheep fed different levels of sulfur in diet

Delfiol Zanzarini, D.; Cunha Jorge P.; Badial Ramos P.; Gorino A.; Marinheiro Fontanetti M.; Marques Assis J.; Borges Secorun A., Brazil.

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Assessment of serum and hepatic copper levels in sheep fed different amounts of sulfur

Delfiol Zanzarini, D.; Cagnini Quevedo D.; Cunha Jorge P.; Oliveira-filho Paes J.; Andrade Giorgi Abranches D.; Kievitsbosch T.; Borges Secorun A., Brazil.

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Determination of acute phase proteins in newborn goat kids born by elective cesarean sections

Camargo Gaubeur, D.; Bovino F.; Poló Silva T.; Bregadioli T.; Paulon Viviane C.; Yanaka R.; Peiró J.; Feitosa Formiga F., Brazil

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Determination of acute phase proteins in newborn lambs born by elective cesarean sections

Bovino, F.; Camargo Gaubeur D.; Poló Silva T.; Peiró J.; Feitosa Formiga F., Brazil

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Piogrammatous Gingivitis in Goats: Two Cases

Dantas Cruz, A.; Dantas Cruz A.; Guimarães Azevedo G.; Afonso Bastos J.; Dantas Medeiros A.; Mendonça Lopes C.; Coutinho L.; Souza M.; Costa Azevedo N.; Gomes Caminha R.; Cajueiro Paula J.; Ferreira Pereira Andrade L.; Silva Alves N., Brazil

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Retrospective study of 68 cases of cesarean section in ewes in the large animal hospital of the university of Brasília, Brazil

Huaxian Neves, L.; Arruda Sobrinho Bulle S.; Villa Filho César P.; Ximenes Henrique Bezerra F.; Godoy Ferro R.; Borges Junqueira J., Brazil

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Evaluation of an electronic hand-held device for measurement of β -hydroxybutyrate (BHB) in ewes

Pichler, M.; Gasteiner J.; Damberger A.; Drillich M.; Iwersen M.; Schwendenwein I., Austria

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Retrospective study of cases of dystocia in goats in the large animal hospital of the university of Brasília, Brazil

Ximenes Henrique Bezerra, F.; Arruda Sobrinho Bulle S.; Huaxian Neves L.; Villa Filho César P.; Godoy Ferro R.; Borges Junqueira J., Brazil

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Evaluation of urinary sediment in confined ovine supplemented with ammonium chloride

Ferreira Otávio Laurenti, D.; Santarosa Paola B.; Sacco Regina S.; Surian Rodrigo De Souza C.; Silva Amaral A.; Lopes Souza R.; Chiacchio Biagio S.; Amorim Martins R.; Gonçalves Calderon R., Brazil

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Biochemical profile of sheep supplemented with salinomycin under experimental lactic ruminal acidosis

Afonso Bastos, J.; Vieira Cynara Silva A.; Câmara Câmara A.; Mendonça Lopes C.; Afonso Bastos J., Brazil

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Urinalysis in confined ovine: reference values

Ferreira Otávio Laurenti, D.; Santarosa Paola B.; Sacco Regina S.; Lopes Gonçalves L.; Lopes Souza R.; Chiacchio Biagio S.; Amorim Martins R.; Silva Amaral A.; Gonçalves Calderon R., Brazil

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Histopathological evaluation of the urinary tract of confined ovine and supplemented with ammonium chloride

Ferreira Otávio Laurenti, D.; Santarosa Paola B.; Chiacchio Biagio S.; Amorim Laufer R.; Amorim Martins R.; Grandi F.; Silva Amaral A.; Gonçalves Calderon R., Brazil

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Blood gas evaluation of the pH of venous blood of confined ovine and supplemented with ammonium chloride

Gonçalves Calderon, R.; Amorim Martins R.; Santarosa Paola B.; Silva Amaral A.; Chiacchio Biagio S.; Dantas Nascimento G.; Ferreira Otávio Laurenti D., Brazil

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Lipid profile and glucose Saanen goats submitted to different managements of colostrum in the first months of life

Cyrillo Cavallini, F.; Raimondo Fraga Silva R.; Benesi Jose F.; Birgel Junior Harry E., Brazil

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Biochemical profile of lambs experimentally fed with different concentrations of crumbe - preliminary results

Sousa Sandra, V.; Benatti Tanus L.; Serodio Job J.; Silva Dias R.; Fioravanti Soares M.; Louvandini H., Brazil

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Retrospective study of cases of urolithiasis in small ruminants

Villa Filho César, P.; Rodrigues Fernandes M.; Arruda Sobrinho Bulle S.; Botelho Gregorio R.; Godoy Ferro R.; Ximenes Bezerra F.; Borges Junqueira J., Brazil

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Evaluation of the immune response of goats submitted to road transportation and treated with vitamins A, D and E

Storillo Martins, V.; Souza Nogueira De F.; Lima Silva A.; Nascimento Marques Do P.; Weigel Alves R.; Morgado Alberti A.; Nikolaus J.; Nunes Rocha G.; Mori Satsuki C.; Hagen Carlo Filippo S.; Della Libera Maria Melville A.; Sucupira Araripe M., Brazil

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Periodontitis in sheep in the state of Para, Brazil

Barbosa Diomedes, J.; Silva Silva N.; Silveira Alcides Sarmento J.; Lima Henrique Silva D.; Bomjardim Anjos H.; Passos Batista M.; Jorge Moura E.; Oliveira Magno Chaves C.; Barbosa Diomedes J., Brazil

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Venereal shedding pattern of caprine lentivirus in semen of infected bucks.

Cruz Cezar Minardi, J.; Gouveia Maria Guimarães A.; Braz Farias G.; Andrioli A.; Pinheiro Rizaldo R.; Heinemann Bryan M., Brazil

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The use of melatonin in reproductive management of dairy sheep and goats in Greece

Bramis, G.; Gelasakis Ioannis A.; Fotiadi E.; Kanoulas V.; Arsenos G., Greece

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Serum cortisol levels of newborn goat kids born by normal delivery and cesarean sections

Camargo Gaubeur, D.; Bovino F.; Furtado Viau P.; Yanaka R.; Bregadioli T.; Paulon Viviane C.; Feitosa Formiga F., Brazil

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Bone marrow mesenchymal stem cells from sheep

Amorim Martins, R.; Dantas Nascimento G.; Maia L.; Listoni Jeronimo A.; Santarosa Paola B.; Ferreira Otávio Laurenti D.; Cavalcanti Maciel R.; Alvarenga Landim F., Brazil

P: 1073

Passive immunity transference in crossbred santa inês lambs in north of Minas Gerais, Brazil

Ferreira Oliveira, L.; Nunes Bezerra Virginio A.; Carvalho A.; Facury Filho E.; Molina Ribeiro L.; Ferreira Oliveira L.; Carvalho Gomes J.; Ferreira P., Brazil

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Causes of mortality of purebred and crossbred santa inês lambs in a flock of Minas Gerais State, Brazil

Meneses Melo, R.; Nunes Bezerra Virginio A.; Meneses Melo R.; Ferreira Oliveira L.; Carvalho Gomes J.; Carvalho A.; Facury Filho E.; Molina Ribeiro L.; Ferreira P., Brazil

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Establishment of score for clinical assessment of lesions and your occurrence in shepp raised in microregion of tabuleiros costeiros in the State Bahia, Brazil

Ayres Caribé, M.; Almeida Ornelas M.; Cavalcanti A.; Aguiar Nascimento G., Brazil

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Erythrograme of lambs

Bovino, F.; Narciso L.; Zucatto Simao A.; Figueiredo Nogueira R.; Almeida Fernando Martins B.; Feitosa Leydson Formiga F.; Bomfim Regina Mogami S., Brazil

P: 1077

Dynamic of fetal hemoglobin in lamb result of crossbreeding between native breeds in the Northeast of Brazil and the African dorper breed

Ayres Caribé, M.; Gama Souza S.; Guimarães Eugenio J.; Almeida Ornelas M., Brazil

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Constant rate infusion of propofol-tramadol during laparoscopy in the sheep: preliminary data

Lopes Cassia Seudo, M.; Hernández-tovar Cristina M.; Silva Socorro Lima A.; Coelho Maria Molinaro C.; Flores Niederauer F.; Filho Zangrolani D.; Barros Farias Pereira Camara F.; Coutinho Nassar L.; Teixeira Maia P.; Gering Paula A.; Valadão Augusto Araujo C., Brazil

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Swan-ganz catheter placement in sheep in sternal recumbence and guided by ultrasound

Lopes Cassia Seudo, M.; Hernández-tovar Cristina M.; Silva Socorro Lima A.; Coelho Maria Molinaro C.; Flores Niederauer F.; Gering Paula A.; Canola Aléscio P.; Valadão Augusto Araujo C., Brazil

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Midazolam-xylazine association is useful protocol for ewe laparoscopic artificial insemination

Lopes Cassia Seudo, M.; Coelho Maria Molinaro C.; Barros Farias Pereira Camara F.; Hernández-tovar Cristina M.; Teixeira Paulo Maia P.; Oliveira Emilia Franco M.; Vicente Ricardo Russiano W.; Valadão Augusto Araujo C., Brazil

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Ovarian Biometry and Genital diseases of Gaddi sheep of Himalayan region of India: An Abattoir study

Sharma Kumar, A.; Singh M.; Vasishta N.; Kumar P., India

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Characterization and genetic modification of stromal mesenchymal cells from sheep bone marrow

Hernandez-tovar Cristina, M.; Baraldi-artoni Martinez S.; Ferreira Ursoli F.; Fontes Maria A.; Lopes De Cassia M.; Cattelan Wanderley J.; Covas Tadeu D., Brazil

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Effect of per oral supplementation with organic and inorganic copper on copper status in goats and their kids and composition of colostrum

Pavlata, L.; Kadavova I.; Pechova A.; Hauptmanova K.; Zvonareva E.; Krupikova E.; Husakova T., Czech Republic

P: 1084

The comparison of different treatments of canola meal on in situ dry matter and crude protein degradation in sheep rumen

Kazemi-bonchenari, M.; Eghballi M.; Kafizadeh F.; Hozhabri F.; Afshar S.; Barkhori S., Islamic Republic of Iran

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Ceftiofur in Caprine plasma after Intramuscular administration

Gogoi, M.; Gogoi R.; Roy Chandra D.; Saleque A., India

P: 1086

Peste-des-Petits-Ruminants (PPR) incidence among West African Dwarf goats in south western Nigeria.

Lasisi, O.; Ullaramu Hussaini G.; Lawal Martins A., Nigeria

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Low Rumination precedes Diagnosis of Calving Diseases

Bar, D., Israel

June 4, Monday

	SCHEDULE
Poster set-up	08.30 am - 10.15 am
Poster viewing	10.15 am - 04.45 pm
Poster removal	04.45 pm - 06.30 pm
	POSTERS
Nutrition and metabolic diseases	300 - 379A
Public Health/food safety	380 - 384
Tropical animal diseases	385 - 395
Udder health	396 - 491

June 5, Tuesday

	SCHEDULE
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Poster viewing	10.15 am - 04.45 pm
Poster removal	04.45 pm - 06.30 pm
	POSTERS
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Internal medicine	530 - 585
Reproduction	586 - 670
Youngstock	671 - 694

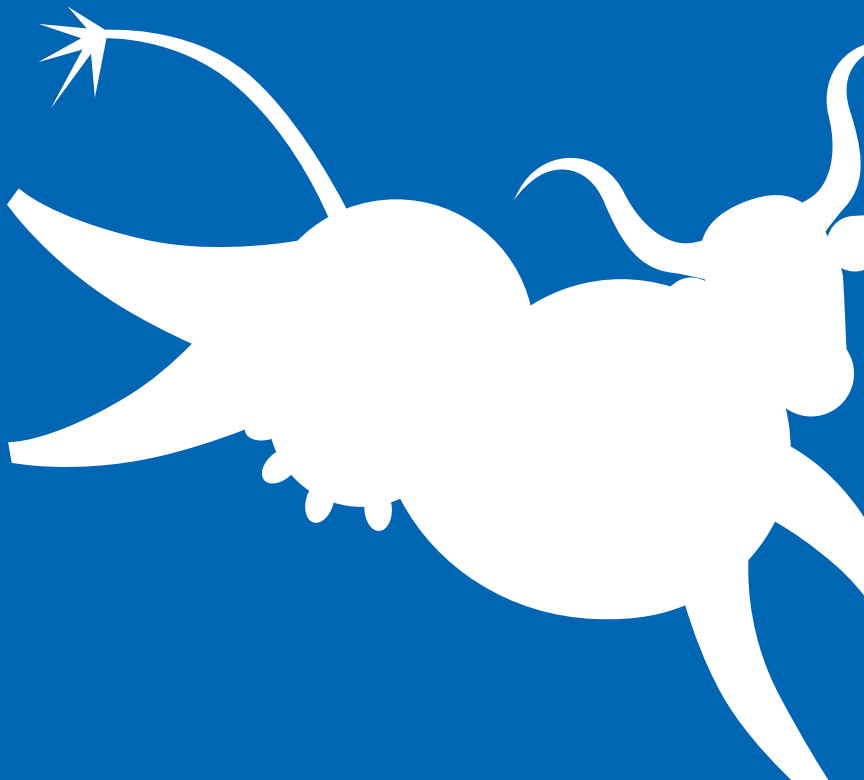
June 6, Wednesday

	SCHEDULE
Poster set-up	08.30 am - 10.15 am
Poster viewing	10.15 am - 04.45 pm
Poster removal	04.45 pm - 06.30 pm
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Immunology	716 - 737
Infectious diseases – bacteriology and virology	738 - 819
Organic farming and environmental issues	820 - 829
Pharmacology	830 - 837
Surgery and lameness	838 - 886

June 7, Thursday

	SCHEDULE
Poster set-up	08.30 am - 10.15 am
Poster viewing	10.15 am - 04.15 pm
Poster removal	04.15 pm - 05.30 pm
	POSTERS
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Parasitology	920 - 963
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CONGRESS GENERAL INFORMATION



Dates

June 03-08, 2012

June 03-07, Lisbon Congress Centre

June 08 Practical Workshops outside the Congress Centre. Please check workshop pages 55-60.

Official Language

English is the official language of the Congress. Simultaneous translation FRENCH, GERMAN, PORTUGUESE and SPANISH will be available at Room 1, 6-7 and 8.

Letter of invitation

An official letter designed to assist in meeting administrative requirements in some countries is available for download on our site. Please be aware that this letter does not imply any obligation or financial commitment from the Organizers

Liability and Insurance

The Congress Secretariat and Organisers cannot accept liability for personal accidents or loss of or damage to private property of participants and accompanying persons. Participants are advised to take out their own personal travel and health insurance for their trip.

Passport and Visa Information

No visa requirements for EU passport holders. All non-EU citizens should contact their local embassies for specific requirements.

Opening Hours of the Registration Desk

Sunday, June 03	02.00 pm - 08.00 pm
Monday, June 04	07.30 am - 06.30 pm
Tuesday, June 05	07.30 am - 06.30 pm
Wednesday, June 06	07.30 am - 06.30 pm
Thursday, June 07	07.30 am - 06.30 pm

Exhibition Schedule

Setup exhibition

Friday, June 01	08.30 am - 08.00 pm
(Premium and Major Partners)	
Saturday, June 02	08.30 am - 08.00 pm

Setup exhibition

Sunday, June 03	08.30 am - 12.00 am
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Exhibition Opening Times

Sunday, June 03	06.00 pm - 09.00 pm
Monday, June 04	08.30 am - 06.30 pm
Tuesday, June 05	08.30 am - 06.30 pm
Wednesday, June 06	08.30 am - 06.30 pm
Thursday, June 07	08.30 am - 06.45 pm

Dismantling

Friday, June 8	08.30 am - 08.00 pm
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Congress website

www.wbc-2012.com

Meals

Tea and coffee will be available during the breaks. Buffet lunches are included in the registration fee.

Dress Code

Casual dress is recommended during the Congress, Closing Dinner and the tours.

Cloakroom

There is a manned cloakroom available at the venue and operating during the Congress hours free of charge.

Congress Bags

Please do not put personal belongings (money, credit and ID cards, mobile phones) in the congress bags, since hundreds of the same bags will be around the congress venue, and they could be exchanged. In case you leave any values in the bag, please mark your name and details clearly on it.

Mobile phones

Please respect the speakers and presenters by ensuring your mobile phone is switched off at all time during the scientific sessions.

Safety

Although Portugal is a largely safe country, we kindly draw your attention to take care of your properties.

First aid

By any health problem, please contact the Registration desk.

Disclaimer

The Organizers accept no liability for injuries/losses of whatever nature incurred by participants and/or accompanying persons, or loss or damage to their luggage and/or personal belongings.

CONGRESS VENUE





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Email: lisboacc@aip.pt

Website: <http://www.lisboacc.pt>

The building offers lecture halls of different size, an attractive exhibition area as well as a number of rooms for spontaneous small scale meetings. With the Tagus River nearby and close to the prestigious area of the Belem historical quarter, Lisbon Congress Centre is about 20 minutes drive from the city centre with its high number of hotels and restaurants.

The WBC 2012 will take place at Lisbon Congress Centre, a pleasant and modern location, specially designed to hold large scale events of different kinds.

Congress Centre

Lisbon Congress Centre is located in an area served by many alternative means of transportation.



By Shuttle

For those who book accommodation through Admedic Tours there will be a Shuttle service available to the Lisbon Congress Centre. Bus Stops will be duly identified. We invite you to check the nearest Shuttle Stop from your hotel reception.

Sunday June 03		Monday to Wednesday June 4 to June 06		Thursday June 07		Friday June 08
To venue	From venue	To venue	From venue	To venue	From venue	NOT AVAILABLE
		07.45am		07.45am		
		08.15am		08.15am		
		08.45am		08.45am		
		09.15am		09.15am		
		09.45am		09.45am		
03.30pm		10.15am	03.30pm	10.15am	03.30pm	
04.30pm			04.30pm			
05.30pm	05.00pm	01.45pm		05.45pm	05.15pm	
06.30pm				06.15pm		
	09.00pm		07.00pm			

Please check which is the nearest Shuttle Stop from your hotel. Information will be available at the Hotel Reception.

HOTEL	LINE
Alif Avenidas	6
Dom Carlos Liberty	5
Dom Carlos Park	4
Embaixador	4
Fénix Garden	3
Fénix Lisboa	3
Fénix Urban	3
Flórida	3
Fontana Park	4
Holiday Inn Continental	6
Ibis Malhoa	2
Lisbon Marriott	1
Marques de Pombal	5
Mercure Lisboa	2
Novotel Lisboa	2
Olissippo Marques de Sá	6
SANA Lisboa	3
Sana Malhoa	2
Sofitel Lisboa	5
Tivoli Jardim	5
Tivoli Lisboa	5
Vip Berna	6
Zenit Lisboa	4

SHUTTLE BUS STOPS

LINE 1	LINE 2	LINE 3	LINE 4	LINE 5	LINE 6
Lisbon Marriott Hotel	Ibis Malhoa	Fénix Lisboa Fénix Urban	Dom Carlos Park Fontana Park Zenit Lisboa	Marques de Pombal Tivoli Lisboa	Holiday Inn Continental
LISBON CONGRESS CENTER (In front of the main entrance)					

BUS LINE Bus shuttle is only for participants with accommodation booked through Ad Médic Tours (official wbc hotels).

By Taxi

Taxis in Lisbon are beige or black and green. Usually have the word TAXI on top. Taxi fares are calculated on the basis of an initial flat charge of around €2,50 and the distance is metered from then on. In addition, if the taxi has been called out, rather than hailed in the street there is a small surcharge. If luggage is carried, a surcharge is charged. Meters are displayed in all licensed taxis, along with the driver's identity card.

Buses and Tram

Bus number 727 - Roma-Areeiro / Restelo | Leave at Rua da Junqueira (Centro de Congressos) bus stop.

Bus number 56 - Olaias - Praça das Indústrias I
Leave at last bus stop Rua da Junqueira (Centro de Congressos)

Bus number 28 - Portela - Restelo | Leave at Hospital Egas Moniz/Av. da Índia Stop

Tram nº 15 - Praça da Figueira - Algés | Leave at Rua da Junqueira (Centro de Congressos) Stop

For more information: www.carris.pt

Other venue information

Bank Services

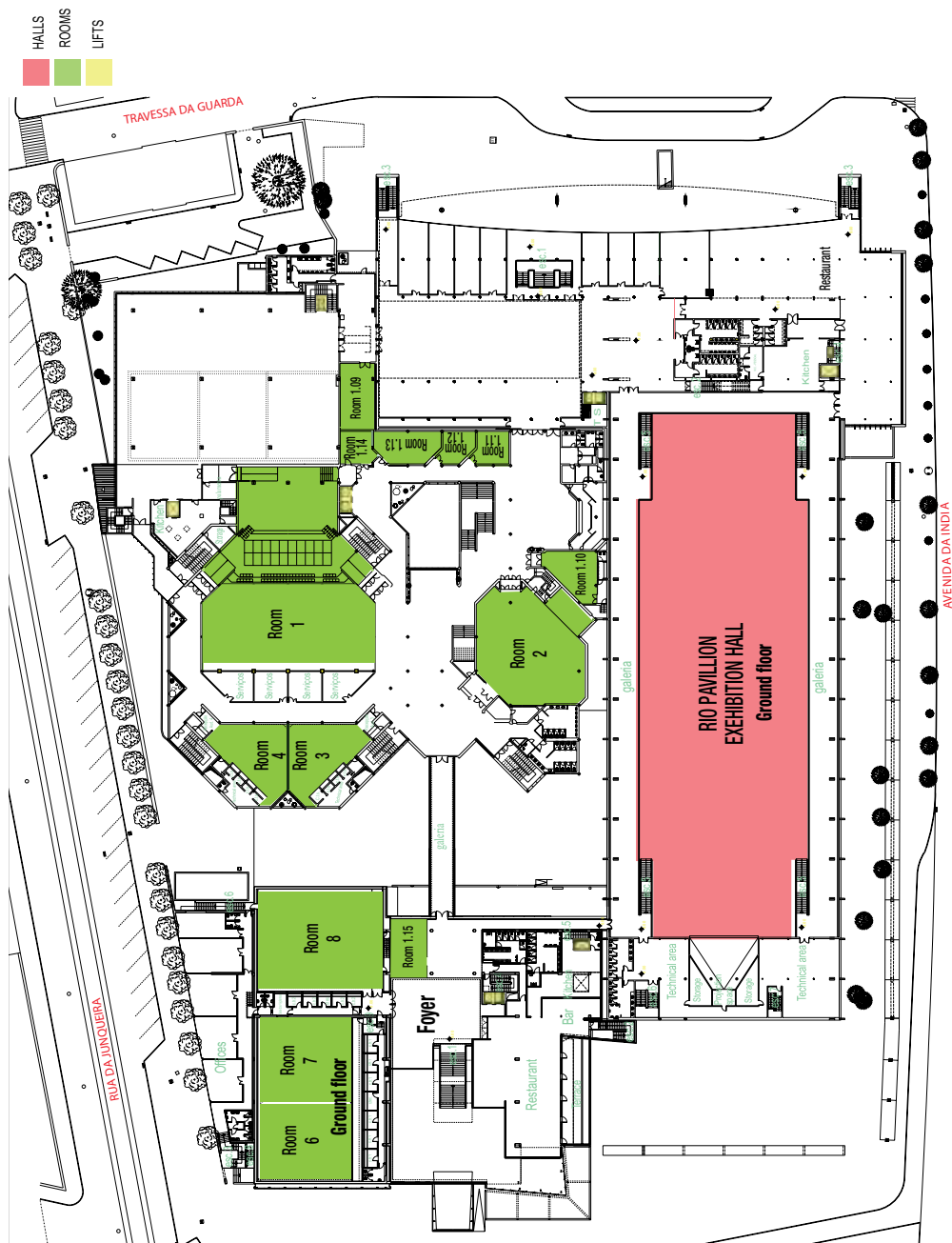
ATM machines for cash withdrawals are spread all over the city. This service is also available at the Lisboa Congress Centre. A bank service will also be available within 5 minutes walking distance from the CCL.

Smoking Policy

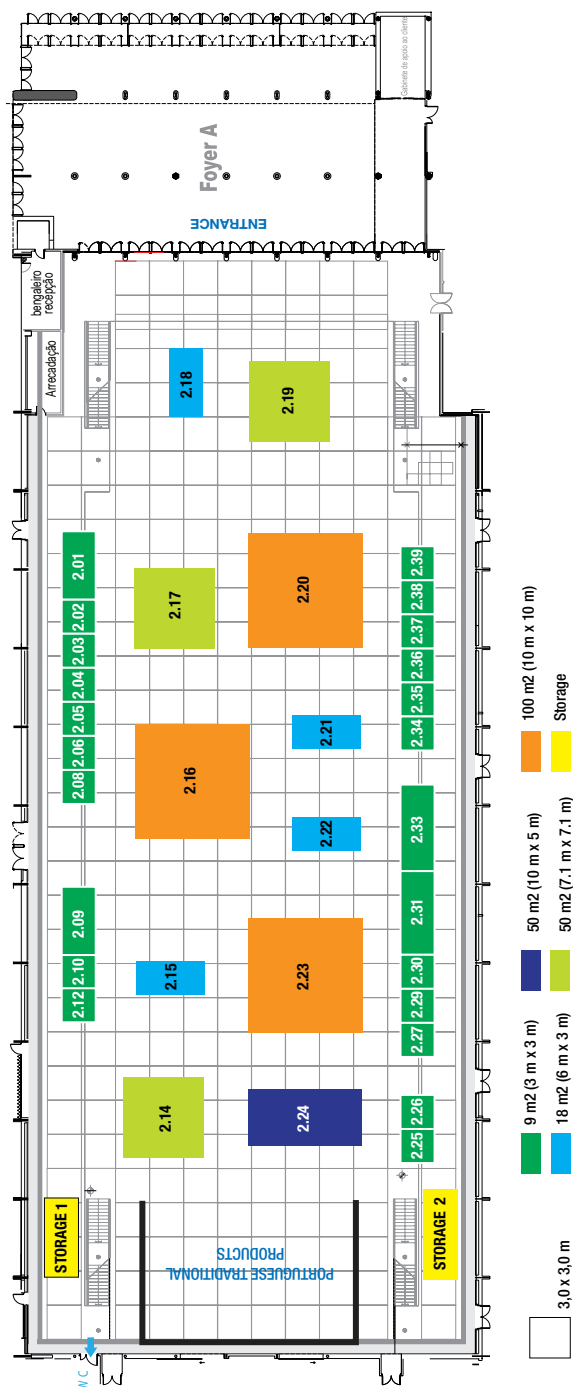
Smoking is strictly prohibited inside the Congress Centre.

Further information is available at the website:
www.lisboacc.pt

CONGRESS CENTRE FLOOR PLAN



EXHIBITION FLOOR PLAN - RIO PAVILLION



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Inventive ideas in antibiotherapy

-  **CLAS***: Seven years of research to offer you more stability, ergonomy, lightness and shock resistance.
-  High quality formulation for a better syringeability.
-  And innovative tools and services to increase awareness for a more rational and responsible antibiotherapy.



* Ceva Layered Ant Shoter



ABOUT LISBON





Lisbon is the capital of Portugal and lies on the north bank of the Tagus Estuary, on the European Atlantic coast. It is the westernmost city in continental Europe. Greater Lisbon has an area of approximately 1,000 km². The city lies more or less in the centre of the country, approximately 300 km from the Algarve in the south and 400 km from the northern border with Spain. Lisbon offers a wide variety of options to the visitor, including beaches, countryside, mountains and areas of historical interest only a few kilometers away from the city centre.

Climate

Due to the influence of the Atlantic Ocean, Lisbon has a pleasant climate throughout the year. The agreeable temperatures in the summer months are an open invitation for a walk by the river, or to spend an afternoon in one of the many street cafés to be found all over the city.

	Maximum	Minimum
Lisbon weather in June	24°C /75°F	16°C /61°F

For the latest weather click on www.meteo.pt

Currency and Banking

The unit of currency is the Euro (€). Major credit cards

are accepted in most hotels, shops and restaurants. Travelers' cheques and currency can be changed at exchange bureaus or at hotel receptions. Automatic changing and cash dispensing machines linked to international networks are also widely available.

Electricity

Voltage: 220/380 volts at a frequency of 50 Hertz. All sockets follow European standards. To use American-type plugs, a 220-volt transformer should be used together with an adapter plug.

Emergency Phone Numbers

For Police and Ambulance emergency dial 112.

Health Requirements

With the exception of vaccination certificates for persons coming from areas where yellow fever is endemic, at the present there are no special health requirements.

Language

Portuguese is Latin in origin and the third most widely spoken European language in the world. It is the mother tongue of about 200 million people. Portuguese is the official language in several countries: Angola, Cape Verde, Guinea-Bissau, Mozambique, São Tomé e Príncipe in Africa, and Brazil in South America.

Population

Portugal population 10.5 million

Sales Tax

Sales tax (VAT) is included in prices quoted. For non E.U. residents, tax free shopping schemes are available in many shops, which give substantial savings to visitors.

Smoking

The Portuguese law, in accordance with Regulations in force in the majority of European Countries and the USA, does not allow smoking in any public transportation or in any closed public areas. (Some restaurants, bars and clubs can designate 30 percent of their space for smokers if they are larger than 100 square meters). Non-compliance with this ban can lead to prosecution and a fine of up to 1.000,00 Euros.

Tipping

Tipping is optional, but adding 10% to the amount is regular practice in taxis, restaurants and bars.

Getting to Lisbon

Lisbon is easy to get to. It is a short flight away from most European cities, and is just as easily accessible by road, railway or sea.

By Air

Lisbon International Airport, 7 km from the city centre, has daily flights to and from the major cities in Europe and the world. Lisbon Airport has two terminals: Terminal 1 is for International and Domestic flights and Terminal 2 is for Low cost flights only. For further information please visit the official website of Lisbon International Airport : www.ana.pt

By Road

Arriving in Lisbon by road is a pleasant experience, as the visitor can enjoy the beautiful countryside along the way. The city has good road accesses and the most frequently used routes are: the A1 motorway, the 25th April Bridge and Vasco da Gama Bridge.

By Rail

Scores of national and international trains arrive in Lisbon every day. In addition to Santa Apolónia terminal station, the city has the Gare do Oriente, adjacent to the Parque das Nações. Both stations have direct bus or underground connections to the city center. High-speed Alfa trains depart for Oporto every day until 08.55pm. The Sud-Expresso to Paris departs daily at 06.00pm, while the Lusitania train to Madrid departs at 10.00pm every day.

Rail CP Call Center

From Portugal: 808 208 208 (local call prices)

From abroad: (+351) 707 201 280 (international call prices). For further information please visit www.cp.pt

Getting to the city from the airport

By bus

The Aero bus (Bus nr 91) is the best way to travel from and to the airport. With regular daily departures, this service provides the connection between airport and the main spots of the city. There are 3 lines available depending on the area of the city you want to go. Service begins at 07.00am and ends at 11.00pm and buses pass every 20 or 30 minutes, depending on the line.

Tickets can be purchased onboard (€3,50) and in Tourism Office counter and at the airport arrivals

(public area). The ticket is valid for 24 hours on Aero-bus and on Carris public transports. This ticket gives you also 25% discount on the Yellow Bus sightseeing tours on open-top buses, historical tramcars, Sintra and Fátima Tour. Valid for tickets purchased aboard the vehicles or at point of sale at Praça do Comércio. For further information please check www.yellowbus-tours.com

By Taxi

There are two taxi stands within the perimeter of the airport, one at arrivals and the other at departures.

A taxi ride from the airport to a hotel in the city is around 13€. Before taking a taxi, inquire about the fare.

You can get more info and purchase a Taxi Voucher at the Tourism Information Counter in the airport's Arrivals Hall. The price of the voucher depends on the distance of the trip or length of time, as well as on the type of service required: normal or personalized (in the former, the driver is trained to speak foreign languages and acts as tourist guide).

For further information please check www.askmelisboa.com/en

Getting around Lisbon

By Subway

One of the quickest ways to travel in Lisboa is by Metro operating from 06.00 am - 01.00 am. It covers almost the whole city and next to most hotels you will find metro station.

Fare per trip: 1,25€. It is necessary to previously buy an electronic card (0.50€) which is sold automatically in any ticket booth. For further information please check www.metrolisboa.pt

By Bus / Tram

Carris has the exclusive rights as the above ground mass public transport operator in Lisbon. An extensive network of 90 bus routes covers the entire city and outskirts. Inside Lisbon you may also use a traditional public transportation: the tram. The tram network is made up of 5 routes, 3 funiculars (Glória, Bica and Lavra) and 1 lift (Santa Justa). For further information please check www.carris.pt

By Taxi

Taxis in Lisbon are beige or black and green and offer very reasonable prices to get around. They have an illuminated taxi sign at the top.

The fare on the taxi meter should read 2,50€ (day-time pick-up). Outside the city limits, city fares are charged per kilometer (km=0,42) and are entitled to charge for the return fare. 1,60€ is charged for the transportation of luggage or animals. The usual amount to tip is 10% of the fare.

An additional 20% is charged for services on Saturdays, Sundays and holidays and for nighttime service from 9pm to 6am.

Other information

Working Hours

Buses: Every day 06.30 am - 12 pm/10 am

Banks: Mon. - Fri. 08.30 am - 03 pm

Shopping Centres: Every day 10 am - 12 pm

Shops: Mon. - Fri. 09 am - 01 pm and 03 pm - 07pm
Sat. 09 am - 01 pm

Embassies: Mon. - Fri. 09 am - 03 pm

Post Offices: Mon. - Fri. 08.00 am - 06.00 pm

Pharmacies: Mon. - Fri. 09 am - 01 pm and 03 pm - 07 pm also: 24 hour (night) service

Meal times: Lunch: 12 am - 02 pm

Dinner: 08 pm - 10 pm

Underground: Every day 06.30 am - 01 am

Time Zones (GMT/UTC GMT/UTC +1 in Summer)

Austrália / Canberra	+10h	South Africa / Cape Town	+2h
Brazil / Brasília	-3h	Spain / Madrid	+1h
France / Paris	+1h	Sweden / Stockholm	+1h
Germany / Berlin	+1h	UK / London	=
Holland / Amsterdam	+1h	USA / Chicago	-6h
Italy / Rome	+1h	USA / Los Angeles	-8h
Japan / Tokyo	+9h	USA / New York	-5h
Norway / Oslo	+1h	USA / Washington	-5h

Lisbon subway network



Registration is required for all congress participants.

Registration VAT inc.	Early Bird Fees Until Feb 28, 2012	Regular Fees Until May 25, 2012	On Site After May 25, 2012
Participants from Countries on List A*	500 €	625 €	780 €
Participants from Countries on List B*	425 €	530 €	660 €
Participants from Countries on List C*	375 €	470 €	590 €
Student registration	250 €	312 €	390 €
Retired registration (over 65 years)	250 €	312 €	390 €
Accompanying person	250 €	250 €	250 €
Daily ticket	-	-	210 €
Exhibitor registration fee	250 €	312 €	390 €

*List of countries by GDP per capita, PPP (purchasing power parity) according to World Bank.

Lists will be available in our website.

STUDENT registration should be accompanied by a letter from the head of your department and by valid student card confirming your status.

It will only be considered student, the undergraduate student, one whose academic degree doesn't allow him to be a licensed veterinarian.

SENIOR registration fee applies to participants over 65 years old. The form should be accompanied by a copy of the passport.

If you are an APB Member and have your membership dues updated you will benefit 20% discount. Please contact the Secretariat: wbc2012@admedictours.pt

After May 25 only onsite registrations accepted.

We strongly recommend reading Registration Guidelines before you register.

On-site registration for the congress is possible during the opening hours of the registration desk.

Payment can be done in cash or by credit card (visa and mastercard)

Accommodation

For questions concerning your existing hotel booking via Ad Médic Tours or hotel booking needed please contact Ad Médic Tours counter.

We are looking forward to welcoming you in Lisbon!

Slide Desk

Opening Hours of the Slide Desk:

Room 1.09 & 1.14

Sunday, June 3:

02:00-06:00pm

Monday, June 4 to Thursday, June 07:

08:00 am-06:00pm

All presentations will be supervised by the centralized Slide Desk operated by iwaytrade.

Here, the material for presentation must be delivered by the speakers at least 3 hours before the afternoon session or the day before (not later than 6 p.m.) in the case of the morning sessions.

Slide Desk staff will assist the speaker for any problem concerning her/his presentation.

The facilities in the Slide Desk will provide the possibility of:

- reviewing your presentation
- last minute changes of your presentation
- support by technical staff
- uploading your presentation for the dedicated session Conference room

PowerPoint presentations guidelines

PowerPoint projections will be available in all the conference rooms. Equipment for projection of slides or transparencies will not be available in the conference rooms.

Usage of personal laptop computers is not allowed. Speakers are kindly requested to use Powerpoint 2007 or previous versions (Office XP, Office 2003).

All presentations must be uploaded, tested, submitted at the Slide Desk

All presentations will be copied automatically to the correct meeting room. You will easily find your presentation at the lectern according to the scheduled session, date, hour and speaker.

1. Videos and pictures must be located in the same folder of the PowerPoint presentation. Moreover, they need to be copied in the folder before they are inserted in the presentation.

2. The videos included in the presentation shall have the following extensions: .avi, .mpeg, .mov, .wmv.

3. For MAC-Users: Export your Keynote presentation

to MS PowerPoint. Be aware of the need to edit/reformat the presentation - fonts, images and charts. For embedded movies please use the possibility of "Quicktime" to save the movie in "*.mpeg 1(2)", or "*.avi" format. Please try out the proper functionality of your presentation as soon as possible in the Slide Desk.

4. Please use Microsoft PowerPoint 97-2007 (*.ppt), to guarantee your presentation will open successfully on an on-site PC. We recommend that you save your PowerPoint presentation using PPT format or PPS.

5. Only fonts which are included in the basic installation of MS-Windows will be available (English version of Windows). Use of other fonts not included in Windows can cause the wrong layout/style of your presentation.

6. JPG, GIF, BMP compressed images are the preferred file format for inserted images (other types of extensions will be accepted as well, provided that they are recognized by PowerPoint).

7. Supported data medias for downloading presentations are: CD, DVD (as Data-storage-medium) and USB-Memory (Stick). Please note that Floppy Disks are NOT supported.

You can move slides during your presentation on your own using a pointer wireless mouse or the arrow keys of the keyboard.

Adherence to Guidelines: all speakers whose presentations do not comply with these guidelines are kindly requested to contact the Slide Desk as soon as possible.



DON'T WORRY YOURSELF — SICK — ABOUT BRD.

When BRD breaks, get a rapid response and 10-day treatment with a single dose of new ZACTRAN (gamithromycin).¹ In recent field trials, first-pull cattle given ZACTRAN showed a significant improvement in BRD clinical signs within

24 hours.¹ Better still, ZACTRAN kept busting BRD for the 10-day study,¹ making it a great choice for treatment or BRD control in high-risk cattle.² If you're sick and tired of worrying, it's time to talk to your veterinarian about prescription ZACTRAN.

"Because it's critical, it's ZACTRAN."™

IMPORTANT SAFETY INFORMATION: For use in cattle only. Do not treat cattle within 35 days of slaughter. Because a discard time in milk has not been established, do not use in female dairy cattle 20 months of age or older, or in calves to be processed for veal. The effects of ZACTRAN on bovine reproductive performance, pregnancy and lactation have not been determined.



Give subcutaneously
at 2 mL/110 lbs.

¹ Sifferman RL, Wolff WA, Holste JE, et al. Field efficacy evaluation of gamithromycin for treatment of bovine respiratory disease in cattle at feedlots. *Interv J Appl Res Vet Med*. 2011;9(2):171-180.

² ZACTRAN product label.



For more information about Merial, go to www.merial.com or call 1-888-637-4251.

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ZACTRAN
(gamithromycin)

SOCIAL PROGRAMME





Departure from Lisboa Congress Centre by bus to Sintra. This village was described by Lord Byron as "Glorious Eden and is classified by UNESCO as World Heritage Site. Visit of the National Palace, distinguished by its conical twin kitchen chimneys. Time free in the village's centre and to taste the famous "Travesseiros" - a typical pastry. On to the Roca Cape, the westernmost point of Continental Europe. Stop for you to enjoy the fantastic landscape and take some photos. The tour will continue to the small historical centre of Cascais, an old fishing village. Stop and time free. Return to the Lisboa Congress Centre, passing by Estoril, with its gardens and Casino.

Price per person: €39 including the admission fee to National Sintra Palace.



We depart from the Lisboa Congress Centre for the historical quarter of Belém where you will find some of the most remarkable monuments from the 15th and 16th centuries. Brief stop at the Belém Tower - world heritage by UNESCO (Torre de Belém) and at the Monument to the Discoveries (Monumento das Descobertas), that celebrates the Portuguese who took part in the Discoveries. Visit the church of the Hieronymites Monastery (Mosteiro dos Jerónimos). Classified by UNESCO as World Heritage, this monument is a masterpiece of the "Manueline" style. The tour will continue along the river towards the old quarter of Alfama, with its typical streets. Walk up until St Jorge Castle where you will have one of the most beautiful views over the city. Return by bus to the Lisboa Congress Centre. (Suggested to wear comfortable shoes)

Price per person: €34 including the admission fee to St. George's Castle. Included in Accompanying Person's registration



We depart from the Lisboa Congress Centre to the charming medieval town of Óbidos. Lying 100 km north of Lisbon it is without doubt one of Portugal's most classic walled settlements. Enjoy a walk on its narrow cobblestone streets with whitewashed houses. St. Mary's Church, the Castle and the typical local bars where it is possible to taste a cherry brandy – "Ginginha" (not included). We will continue to Nazaré, probably the most famous fishing town in Portugal. Proceed to Batalha and visit the Monastery of Santa Maria da Vitória, a masterpiece of late Gothic and Manueline architecture. On to Fatima, one of the most important Catholic centers of pilgrimage. Visit the Sanctuary including the little Chapel of the Apparitions and also the impressive Basilica. Return to the Lisbon Congress Centre after the visit.

Price per person: €87 including the admission fee to Batalha Monastery and lunch during the journey.



Departure to Évora, the capital of the Alentejo province and classified by UNESCO as a World Heritage Site. The "City Museum" is rich in history and is the home of one of the most well-preserved old town centers. Within its medieval walls, we will see the Roman Temple, the Évora University (exterior) and the Bones Chapel. With its diverse heritage, Évora has plenty to offer visitors. Time free to take a walk along its charming streets. Return to Lisbon Congress Centre.

Price per person: €82 including the admission fee to the Bones Chapel and lunch during the journey.



Please arrive 10 minutes before the show, no entrances allowed after the beginning of the show.
Live Fado! It isn't Folk, it isn't Blues, it isn't Soul – it's world music from Lisbon, unique in the Universe. Voices that sing Fado to the sound of the portuguese guitar. "Fado in Chiado" meets tradition in Lisbon's historical center. Come and listen and feel today, the voice of the portuguese soul.
Price per person: €15 (Places are limited.)
Note: Ticket only, transfers not included
Same Payment & Cancellation policy of tours will apply.





The Closing Dinner will take place at the Equestrian Centre of Lezíria, located at about 25 km North of Lisbon. The Equestrian Centre of Lezíria is a riding and training school for horses and men which has been founded on the principles taught by the Marquis of Marialva, under the traditions of the Royal Portuguese Cavalry. Being designed as a working "horse farm" where visitors are welcomed under the best Portuguese Countryside tradition, you will surely have a fabulous evening. Aperitif at arrival will be served.

The main feature will be the Equestrian show, displaying "high school" movements of classical dressage, where the potential of the Lusitano horse can be highlighted

Buses will take the participants from Congress Centre to "Lezíria Grande".

Departure from Lisbon Congress Center - 07.00pm

* Return will be made to Congress Centre and Shuttle Bus Stops

Price per person: €95 including Round Trip Transfers

Dinner: limited seats available

Notes for all Tours

Rates are in Euros (€) including VAT and taxes.

Reservation requests will be confirmed on a first come, first served basis.

The tours require a minimum of 20 participants. If minimum numbers are not reached, the tour will be cancelled and participants will receive full payment reimbursement. Reimbursements will be made on site at the Secretariat. If a bank transfer will be needed, bank expenses will be deducted.

All tours departure from, and return to, the Congress Centre, and will be accompanied by an English speaking official guide.

Additional tickets may be purchased on site at the tour desk

in the Ad Médic Tours Desk(subject to availability).

It is not possible to refund tickets in the case of cancellation or failure to arrive on time. Full payment is required at the time of reservation

Cancellations received up to 15 May 2012 - full refund.

All refunds will be made on site at the Secretariat. If a bank transfer will be needed bank expenses will be deducted.

Cancellations received after 15 May 2012 - No refund will apply

Please pick up your pre-booked tickets at Ad Médic Tours desk.

PARTNERS PROFILES



Premium Partners:

Hipra

HIPRA is a veterinary pharmaceutical company dedicated to the research, production and marketing of products for Animal Health. The company was established in 1954 and its products are distributed worldwide. We research (9% of our annual turnover is dedicated to R&D) register, produce and market high value-added products under the vision to become a world reference in prevention, with differentiated products for Animal Health.

MSD Animal Health

MSD Animal Health offers veterinarians, farmers, pet owners and governments one of the widest ranges of veterinary pharmaceuticals, vaccines and health management solutions and services. MSD Animal Health is dedicated to preserving and improving the health, well-being and performance of animals. It invests extensively in dynamic and comprehensive R&D resources and a modern, global supply chain. MSD Animal Health is present in more than 50 countries, while its products are available in some 150 markets. For more information, visit www.msd-animal-health.com.

Pfizer Animal Health

Pfizer Animal Health, a business unit of Pfizer Inc, is a world leader in the discovery, development and manufacture of innovative animal health vaccines, medicines, and diagnostic products. Pfizer Animal Health invests more in research and development than any other animal health company. We work to assure a safe, sustainable global food supply from healthy beef and dairy cattle, swine, poultry and fish while helping dogs, cats and horses live healthier longer lives. We strive to be the animal health company that provides full healthcare solutions to veterinarians, livestock producers, and pet owners. To learn more, visit www.pfizeranimalhealth.com.

Major Partners:

Bayer Animal Health GmbH

51368 Leverkusen, Bayerwerk, Germany
www.animalhealth.bayerhealthcare.com
Bayer Animal Health is a division of Bayer HealthCare, that develops, produces and markets products for animal health. The company is located in Leverkusen, Germany and is a subsidiary of Bayer AG. With a turnover of EUR 1,2 billion (2011), Bayer Animal Health is one of the world's leading animal health companies. For over 100 years the company has been a trusted partner in animal health, delivering solutions that meet the highest standards. Bayer Animal Health is committed to transforming livestock production, working side-by-side with veterinarians and producers to champion excellence and constantly evolve the products and services to meet the customers changing needs, today and tomorrow.

Boehringer Ingelheim Animal Health

Based on our own research and the synergy with our human pharmaceutical expertise, Boehringer Ingelheim Animal Health delivers leading solutions to prevent, treat and cure animal diseases.

We believe that it is necessary to focus to be world class. Therefore, we have made a conscious decision to focus on specific diseases and animal species, of which cattle is a key one. We strive to set standards and provide for unmet medical needs. We are driven by the wish to improve animal welfare as an integral part of a healthy future for mankind.

Ceva Santé Animale

Ceva Santé Animale was the fastest growing Top 10 veterinary health company through our first 10 years of existence. Our expertise centres on the two fields of pharmacy and biology, where we have dedicated teams that aim to meet the specific demands of the cattle sector. We continually strive to find better solutions to existing and emerging diseases which will in turn improve animal health and productivity.

Merial

Merial is a world-leading, innovation-driven animal health company, providing a comprehensive range of products to enhance the health, well-being and performance of a wide range of animals. Merial employs approximately 5,600 people and operates in more than 150 countries worldwide. Its 2011 sales were more than 2 billion.

Merial is a Sanofi company.

For more information, please see www.merial.com

Sponsor Partners:

Elanco

Elanco products and services enrich lives in one of the most fundamental ways possible: By helping to make food safe, affordable and abundant.

Elanco antibacterials, anticoccidials, vaccines and parasitocides make food safer by preventing and controlling disease and reducing threats to animal health—threats such as enteric or respiratory disease

Productivity enhancers make food affordable and abundant by increasing the amount of meat, milk or eggs from each animal

Safety tools ensure the integrity of the food supply

Data and analytical services make food affordable and abundant by improving production efficiency

These and other technologies help producers sustainably deliver more food while using fewer resources. More food to bring more people out of hunger. More food to sustain the planet's rapidly growing population. More food to enrich life.

DeLaval

DeLaval is a leading supplier of solutions that improve the performance of farms for professional food producers. We support our customers reduce environmental footprint while improving food production, profitability and the well-being of the people and animals involved. We offer products, systems and services for all steps of milk production. Every day, our solutions are used by millions of dairy farmers around the globe. DeLaval was founded more than 125 years ago in Sweden, when the visionary Gustaf de Laval patented the cream separator. Today, DeLaval has 4500 employees and operate in more than 100 markets.

Vetoquinol

The 10th largest veterinary pharmaceutical company in the world and the 3rd largest dedicated to animal health, Vetoquinol is first and foremost an independent, family-owned business.

Vetoquinol's growth and development strategy focuses on innovation. Historically based in France, Vetoquinol currently develops, produces and distributes a wide range of more than 700 medical and non-medical products in Europe, Americas and Asia-Pacific. With a presence in 23 countries through its subsidiaries, its strong network of 140 distributor partners provides visibility for its products in more than 100 countries.

Virbac

A laboratory dedicated to animal health

Founded in 1968 by a French veterinarian, Virbac is the first independent laboratory worldwide, exclusively dedicated to animal health. Present in more than 100 countries, the company offers a comprehensive range of products and services intended for veterinarians, farmers and animal owners.

Exhibitor Partners:

Agolin SA (Switzerland)

AGOLIN SA (Switzerland) develops, produces and markets innovative feed additives, based on botanical compounds, which are effective, innovative, easy to use and safe. The best-in-class products are successfully introduced in Europe, Asia and the US. More information see www.agolin

Alltech

Alltech is a global leader in the Animal Health and Nutrition industry and among the top ten animal health companies in the world, focused on natural scientific solutions to today's biggest agriculture and food industry challenges. Headquartered in Lexington, Kentucky, Alltech has offices and distributors in 128 countries; 4 bioscience centers; and 31 manufacturing facilities located strategically throughout the world.

Our mission is to improve animal health and performance by adding nutritional value to animal diets. We believe in "doing well by doing good" across the board in both commerce and community.

BCF Technology

Best on farm ultrasound solutions

Since 1983 BCF Technology designs, manufactures and distributes its own range of products dedicated to farm animal applications, improving animal care using ultrasound diagnosis. BCF Technology's product range is well known for high quality, portability, and ease of use ultrasound for accurate fertility, sexing and pregnancy detection.

World leader in bovine ultrasound scanning equipment BCF is focused on supplying bespoke products and services as well as becoming a global partner that customers, distributors and suppliers can rely on.

Based in Scotland (UK) and Minnesota (USA) and with a worldwide distribution network, BCF's business goal is to exceed customer needs and expectations through innovative products and professional customer service.

All BCF's portable ultrasound equipment use the latest technology, to perform to the highest standard in the farm environment. BCF are experts on diagnostic imaging for animal husbandry and farm management tools to improve fertility and pregnancy rates and are focused in the future growth of global bovine market by delivering reliable, suitable, and innovative quality products inspired by its customers.

Wherever you are and whatever your speciality is, weather fertility or pregnancy for equine, bovine or ovine applications, BCF have a designed a portable ultrasound equipment that will exceed our expectations.

BCF has a wide ultrasound equipment portfolio Easi-Scan: BCF ultrasound scanners is specifically designed for easy bovine fertility and pregnancy diagnosis on the move in on-farm environments.

Easi-Scan Lite: Also from the BCF family, has the usability of its big brother Easi-Scan except for the foetal sexing application and ability to store images.

Duo-Scan : The only scanner in the world providing a 170 degree sector image for bovine pregnancy diagnosis. Flexible battery powered scanner designed for purpose - tough and water resistant.

Ovi-Scan: The only sheep ultrasound scanner in the world providing a 170 degree sector image for scanning foetal numbers in sheep. Ovi-scan 6 is a tough, sheep ultrasound scanner achieving 99% accuracy and fast throughput in sheep pregnancy diagnosis.

Mini-Scan: It is a compact and lightweight portable ultrasound scanner, particularly good for equine fertility and reproduction work.

BUGs goggles: This innovative viewing device is specifically designed for all around view. There are three different mo-

dels available to suit all needs for using together with BCF Easi-Scan and Duo-Scan ultrasound scanners.

Bio-X Diagnostics

Bio-X Diagnostics is active in the diagnosis of diseases affecting production animals (cattle, pigs, horses, small ruminants, trouts and carps).

Bio-X Diagnostics manufactures and sells a number of original products, including multipathogen diagnostic ELISA kits such as a digestive kit, a respiratory kit, an abortion kit and an enterotoxaemia kit. Bio-X Diagnostics markets a very broad range of products for direct and indirect immunofluorescence assays.

Bio-X Diagnostics has developed immunochromatography strip kits primarily for detecting, within minutes, the main pathogens affecting livestock without using any sophisticated equipment.

Calier

Calier Portugal S.A., one of the companies which form the Indukern Group, initiated its activity in 1984, counting on the expertise and success acquired by the parent company, Laboratorios Calier S.A., founded in 1968 and since then engaged in the research, development and marketing of products for veterinary use, destined to breeding and domestic animals.

A progressive and continuous growth has elevated the laboratory to a leading position and led to a wide international projection, being currently present in more than 70 countries of the five continents, either through the 11 subsidiaries, or through its extensive network of distributors.

The effort displayed by Calier in the areas of manufacture, development and innovation has allowed the consolidation of an important R&D department, offering certified quality through the provision of a wide range of therapeutic tools that can be used by veterinarians for the care, the health and the welfare of the animals.

At the present time, applications of biotechnology in Animal Health constitute Calier's main bet at the moment of defining its company development strategies, dedicating a large part of its resources to innovation in this field.

ECM

ECM designs and manufactures portable Ultrasound Scanners for the last 28 years.

We have delivered and installed more than 10 000 units; we are pleased to release our new ultra-portable system for buiatric veterinarians : IMAGO

Excellence at your fingertips

Compact, ultra-light, it is shock resistant, even in extreme conditions.

Its durable touch screen offers a user-friendly interface.

IMAGO is equipped with an interchangeable battery and a

wide range of multi-frequency probes to fit with all large animals applications.

On top, its conception is fully digital to be upgraded on a regular basis: IMAGO is always a step ahead.

Esteve Veterinaria

Created in 1963, ESTEVE veterinaria integrates the activity in the field of animal Elath of ESTEVE a large Pharmaceutical company. Presently ranks among the top five companies of veterinary pharmacology in the Iberian market.

ESTEVE veterinaria provides the veterinarian with a wide range of products. Thanks to its unique therapeutic and quality characteristics, these products often lead their respective therapeutic fields and have become products of reference.

ESTEVE veterinaria is currently present in Spain, Portugal, Italy and Germany, with its own affiliates. The objective is to extend its export operations beyond Europe, and is currently focusing efforts on backing business operations which will facilitate conquering new markets in America and Asia.

GEA Farm Technologies

GEA Farm Technologies offers farmers integrated product and application solutions, which today's producers require: From design and planning of barn- and business concepts, up to the daily herd and farm management. Since 1926 the company is known for future-oriented technical innovations. With its combined key competences from milk production, manure systems, barn equipment, automatic feeding as well as state-of-the-art service and hygiene concepts, GEA Farm Technologies provides a complete and up-to-date range of products and services that cover all herd sizes and meet the full range of customer requirements around the world.

Idexx Livestock and Poultry Diagnostics

For more than 25 years, IDEXX Livestock and Poultry Diagnostics has focused on improving the health of the world's food animals. Personnel around the globe work closely with customers, key opinion leaders, regulatory officials and agency heads to set up diagnostic testing programs. Rigorous quality control includes ISO certification and approvals from the USDA and international regulatory agencies that ensure quality, repeatability and reliability of test results. A global distribution network, an intimate knowledge of local conditions and languages and a seasoned, experienced staff make IDEXX uniquely qualified to provide laboratories, veterinarians and producers with diagnostic tests and technologies they can trust.

Intracare

Intracare is a leading company for sustainable solutions in the agriculture sector. The amount of antibiotics used in the agriculture sector causes mayor problems for animals and humans. The development of resistant pathogenic bacteria

give mayor concerns for farmers. It is a way of nature saying enough is enough. Intracare rises to this challenge that nature gives us in a sustainable way where people, planet and profit are for us number one. We developed three programs that helps the farmer in their daily operations: Disinfectant program, Feed program and Medicinal program.

Laboratorios Syva, S.A.U.

Laboratorios Syva, S.A.U. is a company committed to the developing, manufacturing and marketing of pharmaceutical products and vaccines for veterinary use.

Medinfar-Sorológico S.A.

Medinfar-Sorológico S.A. is a Portuguese veterinary pharmaceutical company owned by the Medinfar Group and was founded approximately 80 years ago and since 1995 has made a strong investment at the level of research and development and production.

The company offers a wide range of pharmaceuticals, vaccines and complementary feed for different animal species. The medical devices department offers a large variety of equipments, instruments and disposable products specific for veterinary medicine, ensuring assistance and technical support to all products supplied. The R&D division of the company works in the microbiology area and production of autogenous vaccines.

Norbrook Laboratories

Norbrook Laboratories is an established world leader in the development of revolutionary veterinary and animal health medicines. Our pioneering Closamectin range has revolutionised the treatment of liver fluke, worms and external parasites in cattle across Europe. Whilst our popular intramammary range, turn out treatments, Metabolites and Oral Rehydration Therapies ensure that Norbrook remains at the forefront for treatment of diseases in cattle throughout the world.

SCR Engineers

Established in 1976, SCR is a global leading solution provider for dairy farms.

SCR develops, manufactures and markets high quality electronic animal monitoring devices, sophisticated milking automation devices and herd management software, which enable dairymen to supervise herds easily with unmatched reliability, efficiency and cost-effectiveness. Currently, over 11 Million cows are using SCR equipment in more than 50 countries.

SCR's products are marketed worldwide through various distribution channels, the company's customers include leading international dairy solutions vendors such as DeLaval and Lely.

Uniform-Agri

UNIFORM-Agri is an international software company that develops management information systems for dairy and beef farmers. The management program has powerful analysis for production, fertility and health (f.e. SCC) and interfaces with milking parlours and heat detection systems. An important asset of the software is the strong validation of the database. We develop, sell and support our software from the main office in the Netherlands. The software is available in 25 different languages with interfaces to national databases for cattle movement and receiving results from milkrecording.

Others:

António Oliveira – Book seller

António sells technical books for Veterinary Medicine.

Participates in conferences and training events, displaying books. Develops the activity around the country visiting clinics, presenting them the latest news. Because the animals are our best friends, he exists to help professionals developing their work with the best and most updated research bases to respond to all obstacles in their daily practice.

APB

The Portuguese Buiatrics Association (APB) is a private nonprofit association established in 1996 by a group of veterinarians dedicated to ruminants' health management. The foundation was coincident with the First Portuguese Buiatrics Congress.

In that same year, APB applied to integrate World Association for Buiatrics (WAB), which was formally accepted during the following World Buiatrics Congress (Edinburg, 1996). Since its foundation, APB has organized annual scientific congresses with the collaboration of specialists of worldwide reputation, providing opportunities for continuous professional education to Portuguese Veterinarians.

The Association publishes an annual scientific magazine.

Australian Cattle Veterinarians

Australian Cattle Veterinarians, Australian Sheep Veterinarians, Australian Reproduction Veterinarians (SIGs of Australian Veterinary Association Limited)

3/2404 Logan Rd

EIGHT MILE PLAINS QLD 4113

The Australian Cattle Veterinarians (a special interest group of the Australian Veterinary Association Limited) is excited to host the next congress (WBC2014) which will be held in tropical north Queensland where the world heritage listed Great Barrier Reef and tropical rain forest meet.

We invite you and your family to join us at this landmark event, and to come a little early and stay on after the congress to see some of Australia. Apart from cutting edge scientific presentations at the congress, we will include pre

and post conference tourist and industry tours on our website www.wbc2014.com which will go live at the 2012 event.

Visit our stand at WBC2012, take your photo with an Australian icon and enter the daily draw for some great prizes. We will welcome you at the stand and at the WBC2014 to be held from 27 July to 1 August 2014 at Cairns in tropical north Queensland.

Guarant International spol. s r.o.

Prague World Veterinary Congress 17-20 September 2013
Four days of top scientific program covering main fields of veterinary medicine -including buiatrics

Come to celebrate WVA 150th Anniversary with us

Open WVC 2013 envelope in your bag, fill in the card and bring it to us at the WVC 2013 stand.

Get a nice present and you may also be one of lucky winners for free WVC 2013 registration.

Join us for the draw at our stand on Thursday 7 June at 10:15 a.m.

Updates on: www.wvc2013.com

Come to Prague, city of long history, beautiful monuments and excellent beer.

Looking forward to meeting you at our stand.

World Buiatrics Congress Dublin 2016

As a country with a rich agricultural industry, Ireland would be honoured to host the 29th Congress of the World Association of Buiatrics in Dublin in 2016. With a key focus on the scientific and social programme, Ireland will deliver a Congress that will both delight and entice. New technologies and traditional entertainment will combine to create a truly memorable experience, both for the attending delegates and their accompanying persons. Support our bid and see for yourself what Ireland has to offer!

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal blue lines across its entire width. The paper is otherwise completely empty, with no margins, text, or other markings.

Innovation

Complete range

Expertise

reprodAction™

Reproductive management in Action



SYNCRISTIM 500 IU lyophilisate and solvent for solution for injection for cattle and sheep/Reconstituted solution for 1 dose of 2 ml contains: Equine serum Gonadotrophin (eCG, formerly known as PMSG) 500 IU, Benzyl alcohol 33.0 mg/Indications for use: In oon cycling cattle (cows and heifers) and in ewes and ewe-lambs: Induction and synchronization of oestrus and ovulation. To be used in combination with a progestagen/intramuscular use/Withdrawal period(s) Meat and offal: zero days. Milk: zero days. **CYSTORELIN/OVARELIN** 50 µg/ml, solution for injection for cattle/Composition for 1 ml: gonadorelin (as diacetate tetrahydrate) 50.0 µg, Benzyl alcohol 15.0 mg/Indications for use: Treatment of delayed ovulation (repeat breeding)/Intramuscular use/100 µg of gonadorelin (as diacetate) per animal in a single injection. I.e. 2 ml of the product per animal/Withdrawal period(s) Meat and offal: zero days Milk: zero hours. **ENZAPROST** 5 mg/ml Solution for injection for cattle/Each 1 ml contains: Dinoprost (as trometamsol) 5 mg, Excipients: Benzyl alcohol (E1519) 16.5 mg /Indications for use: The product is indicated for its luteolytic effects in cattle./Pregnancy status should be determined prior to injection since Dinoprost has been demonstrated to result in abortion or parturition induction when administered at sufficiently high doses in many animal species./Intramuscular use./ Withdrawal period(s) Meat and offal: 3 days. Milk: Zero hours. **PRID-DELTA** 1.55 g vaginal delivery system for cattle/Each delivery system contains: 1.55 g of progesterone, Ethyl Vinyl Acetate (EVA), Polyamide, Polyester string/ Indications for use: For the control of the oestrous cycle in cows and heifers including Synchronisation of oestrius in cycling and non cycling cattle. To be used in combination with a prostaglandin and equine Chorionic Gonadotropin (eCG, in the past called PMSG) /Vaginal use: 1.55 g of progesterone per animal for 7 days/ Timing of insemination: Animals should be inseminated 56 hours after removal of the device/ Withdrawal period: Meat and offal: zero days. Milk: zero days.

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congress 2012
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ORGANIZATION



CONGRESS BUREAU

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