

MONDAY JUNE 17, 2019

ROOM 101 ROZANSKI HALL

**9:00 Welcome to the Ontario Small Ruminant Veterinary Conference**  
 DR. AMY GAW, President, Small Ruminant Veterinarians of Ontario  
 DR. JEFF WICHTEL, Dean, Ontario Veterinary College, University of Guelph  
 DR. YOAV ALONY-GILBOA, President, Sheep Veterinary Society, UK  
 DR. MARLENE PAIBOMESAI, OMAFRA will recite the "Territorial Acknowledgement" on behalf of the Conference Organizers

**9:30 William Mactaggart Memorial Plenary Talk:**  
**Sheep & goat animal health research in Canada - current status, gaps and future directions**  
 DR. PAULA MENZIES, Department Population Medicine, University of Guelph, Canada

THEME: CONTROL OF LAMENESS IN SHEEP AND GOATS

**10:00 Keynote: Lameness of sheep and goats**  
 DR. JENNIFER DUNCAN, Institute of Veterinary Science, U. of Liverpool, UK

**10:30 One Minute Poster Presentations**

Survey of practices, perceptions and attitudes in sheep producers, veterinary practitioners and advisers relative to integrated management of gastrointestinal parasites in sheep flocks.	BELANGER, D. U. of Montréal, Québec, Canada
Integrated approach of gastrointestinal parasites in small ruminants flocks of Quebec, Canada.	RIOUX, G. Centre d'Expertise en Production Ovine du Québec, Québec, Canada
Smallholder education as a route to improved productivity: Gastrointestinal nematode control in goats on the plains of Assam, North East India.	SARGISON, N. U. of Edinburgh, Scotland, UK
Identification of differentially expressed lncRNAs linked to gastrointestinal nematode infection in variable stress-responder grazing sheep.	SUAREZ-VEGA, A. Centre for Genetic Improvement of Livestock, U. of Guelph, Canada
Gross pathology of ovine pulmonary adenocarcinoma.	SCOTT, P.R. Capital Veterinary Services, Haddington Scotland
Disease prevalence and farmers' commitment to a whole flock trans-thoracic ultrasound screening programme to control ovine pulmonary adenocarcinoma.	SCOTT, P.R. Capital Veterinary Services, Haddington Scotland
Maintaining flock genetics while eradicating ovine progressive pneumonia virus.	WOLF, C. U. of Minnesota, USA
Biochemical and hematologic reference values for pregnant Finnsheep ewes.	MUSTONEN, E. U. of Helsinki, Finland

**10:45 Break and Poster / Commercial Display Viewing (30 minutes)**

**11:15 Oral Presentations**

Elbow osteoarthritis in goats.	SMITH, M.C. Cornell U., Ithaca, USA
Radar sensing as a novel tool to detect lameness in sheep.	BUSIN, V. U. of Glasgow, Scotland, UK
The incidence of <i>Dichelobacter nodosus</i> in clinically footrot-free sheep flocks: A comparison of elimination strategies.	KRAFT, A.F. U. of Bern, Switzerland
Effective control of rampant footrot in an accelerated lambing flock.	WOLF, C. U. of Minnesota, USA
<i>Dichelobacter nodosus</i> in sheep, cattle, goats and South American camelids in Switzerland - assessing prevalence in potential hosts in order to design targeted disease control measures.	ZANOLARI, P. U. of Bern, Switzerland

MONDAY JUNE 17, 2019

12:30 Lunch at Creelman Hall (60 minutes)

THEME: ADVANCES IN THE DIAGNOSIS AND CONTROL OF GASTROINTESTINAL NEMATODE PARASITES

13:30 **Keynote: Controlling gastrointestinal nematode parasitism in sheep and goats – the role of new technologies**

DR. JOHN GILLEARD, Department of Comparative Biology and Experimental Medicine, Faculty of Veterinary Medicine, U. of Calgary, Calgary Alberta Canada

14:00 **Oral Presentations**

Development of molecular tools to identify a genetic locus associated with macrocyclic lactone anthelmintic resistance in <i>Haemonchus contortus</i> .	SARGISON, N. U. of Edinburgh, Scotland, UK
Use of molecular tools to evaluate risk factors for the emergence and spread of anthelmintic resistance in ruminant livestock.	SARGISON, N. U. of Edinburgh, Scotland, UK
Associations between gastrointestinal nematode parasitism, growth and reproduction in Ontario ewe lambs.	BORKOWSKI, E. Department Pathobiology, U. of Guelph, Canada
Correlation of salivary antibody to carbohydrate larval antigen (CarLA®) with parasitism in Ontario sheep.	BORKOWSKI, E. Department Pathobiology, U. of Guelph, Canada
Transcriptomic analysis to identify potential candidate genes regulating host response to gastrointestinal nematodes in Ontario grazing sheep.	DIXON, S. Centre for Genetic Improvement of Livestock, U. of Guelph, Canada

15:15 Break & Poster / Commercial Display Viewing (30 minutes)

15:45 **Oral Presentations**

Predominant infection with <i>Haemonchus contortus</i> and widespread anthelmintic treatment failure in Saskatchewan sheep flocks.	UEHLINGER, F.D. U. of Saskatchewan, Canada
Conjunctival mucous membrane colour (FAMACHA® score) as an index for the health of peri-urban smallholder goats in southern Malawi.	SARGISON, N. U. of Edinburgh, Scotland, UK
From Science to Stable-Sustainable deworming in practice.	RODEN, E. U. of Veterinary Medicine, Hannover Germany
Metabolism of levamisole in sheep to compounds of human health concern.	UEHLINGER, F.D. U. of Saskatchewan, Canada
Exploring the potential of increased stress resilience in sheep with a novel health phenotype. (Theme: Using genetic tools to improve disease resistance)	NAYLOR, D. Department Animal Biosciences, University of Guelph, Canada

17:00 **End of Day 1 in Room 101 Rozanski Hall**

17:30 Welcome Reception - Summerlee Science Atrium (until 19:00)

Please join us for hors d'oeuvres and drinks (registration includes one drink ticket - cash bar available) and an opportunity to visit with old friends and meet some new ones. Featured will be some locally produced sheep and goat cheeses. A real treat!

MONDAY JUNE 17, 2019

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ROOM 103 ROZANSKI HALL

THEME: ICEBERG DISEASES OF ADULT SHEEP AND GOATS: CONTROL/ERADICATION/STATUS PROGRAMMES

**10:15 Keynote: Iceberg disease control in sheep and goats**

DR. JULIE ARSENAULT, Département de Pathologie et Microbiologie, Faculté de Médecine Vétérinaire, U. de Montréal, Canada

**10:45 Break and Poster / Commercial Display Viewing (30 minutes)**

**11:15 Oral Presentations**

Scrapie prevalence in Canadian sheep and goats (2010 – 2016).	BERKE, O. Department Population Medicine, U. of Guelph, Canada
Risk-based surveillance of scrapie towards eradication from the Canadian national small ruminant herd.	PELKMANS, J. Department Population Medicine, U. of Guelph, Canada
Is CAE control in a herd worth farmer's while? Conclusions from twenty year of observations.	KABA, J. Wydział Medycyny Weterynaryjnej, Warszawa, Poland
Current epidemiological situation of CAE in Poland.	CZOPOWICZ, M. Wydział Medycyny Weterynaryjnej, Warszawa, Poland
Increasing the adoption of persistent vaccination for paratuberculosis control.	WINDSOR, P.A. U. of Sydney, Australia

**12:30 Lunch at Creelman Hall (60 minutes)**

**13:30 Oral Presentations**

Prevalence, clinical significance and control of respiratory lesions in adult sheep.	SCOTT, P.R. Capital Veterinary Services, Haddington, Scotland
Control of ovine pulmonary adenocarcinoma using transthoracic ultrasonography.	SCOTT, P.R. Capital Veterinary Services, Haddington, Scotland
Control of ovine pulmonary adenocarcinoma using bi-annual whole flock trans-thoracic ultrasound examination following its sudden appearance in a pedigree 1,800 ewe flock in the UK.	SCOTT, P.R. Capital Veterinary Services, Haddington, Scotland
Clinical, pathological and immunohistochemical findings in a case of multicentric B cell lymphoma in a Jacob sheep.	HUGHES, K. Department of Veterinary Medicine, U. of Cambridge, UK
Study of the main pathologies found in culling sheep with special attention to the respiratory system.	LACASTA, D. Veterinary Faculty of Zaragoza, Spain
Ovine enzootic nasal adenocarcinoma.	PRINS, S. GD Animal Health, Deventer, the Netherlands
The 2021 International Sheep Veterinary Congress to be held in Barcelona, Spain.	LACASTA, D. Veterinary Faculty of Zaragoza, Spain

**15:15 Break & Poster / Commercial Display Viewing (30 minutes)**

MONDAY JUNE 17, 2019

THEME: PERIPARTUM, METABOLIC AND NUTRITIONAL DISEASES

**15:45 Keynote: Nutritional and metabolic diseases of the periparturient and lactating small ruminant.**  
DR. ROBERT J. VAN SAUN, Department of Veterinary and Biomedical Sciences, Pennsylvania State College of Agricultural Sciences, USA

**16:15 Oral Presentations**

Determining the ideal forage : concentrate ratio for feedlot lambs.	TROTTIER, K. Department of Animal Biosciences, U. of Guelph, Canada
Use of a particle separator to adjust goat diets.	VAN SAUN, R.J. Pennsylvania State College of Agricultural Sciences, USA
Copper toxicosis in goats - Case summaries.	SCHARKO, P.B. Clemson U., Columbia South Carolina, USA

**17:00 End of Day 1 in Room 103 Rozanski Hall**

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TUESDAY JUNE 18, 2019

ROOM 101 ROZANSKI HALL

**9:00 Plenary: Eradicating the scourge of Peste des Petits Ruminants from the world**  
FELIX NJEUMI, UN FAO OIE Peste des Petits Global Eradication Program, Rome, Italy.

**9:45 One-Minute Poster Presentations**

Standardization of maximum ocular temperature in lambs using thermal Flir® camera of the Caterpillar® S60 smartphone.	MENDES L.C.N. Sao Paulo State U., Brazil
Optimizing food rations for prolific ewes at the end of the pregnancy period and new born lamb management to reduce neonatal mortality rate.	RIOUX, G. Centre d'Expertise en Production Ovine du Québec, Quebec, Canada
Use of the Brix refractometer in assessing goat colostrum.	VAN SAUN, R.J. Pennsylvania State U., USA
Impact of stress on health status and production in fattening lambs.	LACASTA, D. Universidad de Zaragoza, Spain
Farming practices and attitudes towards livestock ownership and disease risks in southern Malawi.	SARGISON, N. U. of Edinburgh, Scotland UK
Weight estimation from body measurements in indigenous village goats in the Golaghat and Nagaon districts of Assam, India.	SARGISON, N. U. of Edinburgh, Scotland UK
Distance support for on-farm investigation of adult sheep mortalities.	SPINATO, M. Animal Health Laboratory, U. of Guelph, Canada
Evaluation of a bovine visual pregnancy test for the detection of pregnancy-associated-glycoproteins in sheep.	VOIGT, K. Ludwig Maximilians U. Munich Germany

**THEME: IMPROVING LAMB AND KID SURVIVAL / DISEASE CONTROL FOR YOUNGSTOCK**

**10:00 Keynote: Neonatal small ruminant survival in intensive rearing conditions.**  
DR. CATHY BAUMAN, Department Population Medicine, Ontario Veterinary College, U. of Guelph, Canada

**10:30 Oral Presentations**

Adapting positive pressure tube and fan ventilation designs for sheep barns and nursery rooms.	CRAWFORD, RG. Dufferin Veterinary Services, Canada
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**10:45 Break and Poster / Commercial Display Viewing (30 minutes)**

**11:15 Oral Presentations**

How many factors affect lamb IgG uptake?	SVENSGAARD, H.B. Howden, East Yorkshire, UK
Relationships between colostrum consumption and kid IgG status.	VAN SAUN, R.J. Pennsylvania State U., USA
A comparison of radial immunodiffusion, ELISA, and brix refractometer for the quantification of immunoglobulin G in caprine colostrum.	KIM, J. Department Population Medicine, U. of Guelph, Canada
Supplemental iron-dextran injections to control anemia in pre-weaned goat kids.	POLLACK, J. LFB-USA, Massachusetts, USA
Epidemiology and prevention of orf virus infection in China.	ZHANG, K. Lanzhou Veterinary Research Institute of Chinese Academy of Agriculture Science, Gansu, China

TUESDAY JUNE 18, 2019

12:30 Lunch at Creelman Hall (60 minutes)

13:30 **Keynote: Lamb survival in extensive operations.**  
DR. ROBERT SUTER, Senior Veterinary Officer, Agriculture Victoria, Australia

14:00 **Oral Presentations**

Improving lamb survival - the role of calcium.	ALLWORTH, M.B. Charles Stuart U., Australia
Novel approaches to improving perinatal lamb survival in Australian sheep flocks.	SUTER, R. Agriculture Victoria, Australia
<i>Fascioloides magna</i> causing mortality in lambs.	HANCOCK, J. Picton Veterinary Services, Canada
Lameness in dairy goat kids.	PRINS, S. GD Animal Health, Deventer, the Netherlands
An investigation of cases of <i>Streptococcus dysgalactiae</i> infectious arthritis in lambs in one large flock.	SWINSON, V. APHA, Thirsk, North Yorkshire, UK

15:15 Break & Poster / Commercial Display Viewing (30 minutes)

15:45 **Oral Presentations**

Environmental and management effects on the prevalence of lung condemnation at slaughter.	CRAWFORD, RG. Dufferin Veterinary Services, Canada
Gross, histological, and culture results from lamb lungs condemned at slaughter.	CRAWFORD, RG. Dufferin Veterinary Services, Canada
Investigating kid mortality on Ontario dairy goat farms.	KIM, J. Department Population Medicine, U. of Guelph, Canada
Causes of neonatal kid mortality in Ontario dairy goats.	RATSEP, E. Department Pathobiology, U. of Guelph, Canada
Importance and approach to investigating congenital disorders in small ruminants.	WINDSOR, Peter A. U. of Sydney, Australia

17:00 **Small Ruminant Veterinarians of Ontario - Annual General Meeting (30 minutes) in Room 101 Rozanski Hall**  
All members of SRVO are encouraged to attend. Meeting agenda will be distributed on the listserv prior to the meeting.

18:30 Gala Dinner at Creelman Hall

Please purchase your ticket on or before June 6, 2019 either through the Registration website or by telephoning Conference Services (519) 824-4120 ext 53350 or by emailing [eventreg@hrs.uoguelph.ca](mailto:eventreg@hrs.uoguelph.ca) The evening shouldn't be missed!

*Agenda for the Evening:*

- Meet for a drink (cash bar) and enjoy some live fiddle music with a big Canadian country flavour (Alana Jennish and Friends). Alana will play fiddle music traditional to different areas of Canada - enjoy our cross-country trip through the evening.
- Plated dinner with locally raised lamb cooked to perfection.
- Dessert and tribute to the memory of Ian Aitken - author of "Diseases of Sheep" and former director of the Moredun Research Institute, UK. Fiddle music continues!
- Time to shake off the dust. Square dancing lead by Jeff Priest (Shadowlight Enterprises). No expertise required!
- Alana and friends return to play.

# Ontario Small Ruminant Veterinary Conference Programme - Final

**TUESDAY JUNE 18, 2019**

Please note that all plenary presentations and one-minute poster presentations will take place in Room 101 Rozanski Hall. The programme for Room 103 Rozanski Hall will commence at 10:00.

## ROOM 103 ROZANSKI HALL

THEME: IMPROVING THE WELFARE OF SHEEP AND GOATS

### 10:00 Keynote: Welfare research in goats.

DR. GOSIA ZOBEL, Animal Behaviour and Welfare, AgResearch, Ruakura Research Centre, Hamilton, New Zealand

### 10:30 Oral Presentations

Increasing adoption of pain relief for livestock.

WINDSOR, P.  
U. of Sydney, Australia

### 10:45 Break and Poster / Commercial Display Viewing (30 minutes)

### 11:15 Oral Presentations

Pain Relief products in sheep – an Australian perspective.

ALLWORTH, M.B.  
Charles Stuart U., Australia

Implementation of a captive bolt training course for sheep and goat farmers.

RAU, J.  
Health Sciences Centre, U. of Guelph, Canada

Progress update on revisions to the goat Code of Practice.

SPOONER, J.  
National Farm Animal Council, Canada

Effects of multimodal pain management strategies on acute pain behavior and physiology in disbudded neonatal goat kids.

KNAUER, W.  
U. of Minnesota, USA

Evaluation of anaesthesia and analgesia quality during disbudding of goat kids by certified Swiss farmers.

ZANOLARI, P.  
U. of Bern, Switzerland

### 12:30 Lunch at Creelman Hall (60 minutes)

THEME: DELIVERING FLOCK / HERD HEALTH PROGRAMMES THAT MAKE A DIFFERENCE

### 13:30 Keynote: Providing health management services to small ruminant clients.

DR. YOAV ALONY-GILBOA, Specialist Small Ruminant Health & Production, Friars Moor Livestock Health, Sturminster Newton, Dorset UK

### 14:00 Oral Presentations

The evolution of the Ontario Animal Health Network in small ruminant health and disease surveillance.

TODD, K.  
Ontario Animal Health Network, U. of Guelph, Canada

Small ruminant veterinarians' and producers' perceptions of working relationships and use of veterinary services in Ontario, Canada.

COOPER, J.  
Department Population Medicine, U. of Guelph

On-line farmer resource for abortion control.

HAMER, K.  
U. of Glasgow, Scotland, UK

Resources for pre-lambing farmer training.

HAMER, K.  
U. of Glasgow, Scotland, UK

Body condition score impact on Ontario meat and dairy sheep production.

PAIBOMESAI, M.  
Ontario Ministry of Agriculture, Food & Rural Affairs, Canada

### 15:15 Break & Poster / Commercial Display Viewing (30 minutes)

TUESDAY JUNE 18, 2019

15:45 Oral Presentations

The Ontario Sheep AI Industry - a practitioners view.	BUSCHBECK, C. Markdale Veterinary Services, Ontario Canada
Distance support for on-farm investigation of adult goat mortalities.	SPINATO, M. Animal Health Laboratory, U. of Guelph, Canada
An overview of current small-ruminant disease research and animal facilities at Moredun Research Institute, UK.	ANDERSON, S.T. Bioservices, Moredun Group, UK
Access to vaccines for small ruminants and the Canadian Centre for Veterinary Biologic's role.	TAN, S. Canadian Food Inspection Agency, Government of Canada
Predicting genotypes at a single locus in ungenotyped sheep animals using Linear Mixed Model. (Theme: Using genetic tools to improve disease resistance)	BOAREKI, M.N. Department of Animal Biosciences, U. of Guelph, Canada

17:00 **Sheep Veterinary Society - Annual General Meeting (30 minutes) in Room 103 Rozanski Hall**  
All members of the SVS are encouraged to attend.

18:30 Gala Dinner at Creelman Hall

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WEDNESDAY, JUNE 19, 2019

ROOM 101 ROZANSKI HALL

**9:00 Plenary: The 2001 Foot & Mouth outbreak in the UK. What has it taught us about the threat of foreign animal diseases**  
MR. SAM MANSLEY, Auchinraith, Kinnordy Road, Kirriemuir, Angus UK.

**9:45 One-minute poster presentations**

Prevalence and risk factors of subclinical mastitis, and antimicrobial resistance in associated Mannheimia haemolytica isolates, in meat-producing sheep flocks in Quebec, Canada .	RIOUX, G. Centre D'Expertise en Production Ovine du Québec, Quebec, Canada
Milk and meat residues in sheep treated with meloxicam oral suspension (15 mg/mL).	THOMPSON, R. Solvet Animal Health Calgary, Alberta
Milk and meat residues in goats treated with meloxicam oral suspension (15 mg/mL).	THOMPSON, R. Solvet Animal Health Calgary, Alberta
Using rapid trans-thoracic ultrasound examination to detect respiratory infection in housed lambs.	SCOTT, P.R. Capital Veterinary Services, Haddington Scotland
Neutralising antibody persistence in sheep 5-6.5 years after vaccination with inactivated Bluetongue Virus 8 vaccines.	HILKE, J. Clinic for Swine and Small Ruminants, U. of Veterinary Medicine Hanover, Hannover, Germany
Analysis of risk factors for <i>Brucella</i> and <i>Coxiella</i> infection among small ruminants in Eastern India.	SARGISON, N. U. of Edinburgh, Edinburgh, Scotland, UK
Occurrence of <i>Eimeria</i> Schneider, 1875 species in feedlot lambs.	MENDES L.C.N. São Paulo State University (UNESP), Araçatuba – SP Brazil

**THEME: IMPROVING UDDER HEALTH AND MILK QUALITY**

**10:00 Keynote: Udder health of dairy small ruminants**  
DR. GERRIT KOOP, Department of Farm Animal Health, Faculty of Veterinary Medicine, Utrecht U., the Netherlands

**10:30 Oral Presentations**

The multifaceted roles of STATs in ovine postnatal mammary gland development and mastitis.	HUGHES, K. Department Veterinary Medicine, U. of Cambridge, UK
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**10:45 Break and Poster / Commercial Display Viewing (30 minutes)**

**11:15 Oral Presentations**

Outbreak of hard udders in a sheep flock.	BUSCHBECK, C. Markdale Veterinary Services, Ontario Canada
Advances in understanding of epidemiology of sub-clinical staphylococcus mastitis in dairy goats.	BERNIER GOSSELIN, V. U. of Montreal, Quebec, Canada
Prevalence of subclinical intramammary infections in Finnish landrace goats.	MUSTONEN, E. U. of Helsinki, Finland

**12:00 Awards and Closing Remarks - ROZANSKI 101**

Awards for best presentations and posters in the following categories:

Graduate Student:	Best Presentations (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> ) cash awards
	Best Poster (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> ) cash awards
Veterinary Practitioner:	Best Presentation - top 3 plaques
	Best Poster - top 1 plaques
Other:	Best Presentation - top 1 plaque
	Best Poster - top 1 plaque

**12:30 Grab and Go Lunch - Available in Rozanski Concourse**

Technical tours will leave at 13:00

WEDNESDAY, JUNE 19, 2019

ROOM 103 ROZANSKI HALL

Please note that all plenary presentations and one-minute poster presentations will take place in Room 101 Rozanski Hall. Awards and closing remarks will also take place in Rozanski 101. The programme for Room 103 Rozanski Hall will commence at 10:00.

THEME: VECTOR-BORNE DISEASES OF SHEEP OR GOATS

**10:00 Oral Presentations**

Risk assessment for the incursion and establishment of orbiviruses in Ontario, Canada.	ALLEN, S. Department Pathobiology, U. of Guelph, Canada
The establishment of bluetongue as an endemic disease in Europe.	LEWIS, C. Fields Farm, Audlem, Cheshire, UK
Ticks and tick-borne infections in the small ruminant industry.	STUEN, S. Norwegian U. of Life Sciences, Norway

**10:45 Break and Poster / Commercial Display Viewing (30 minutes)**

THEME: IMPROVING LAMB AND KID SURVIVAL / DISEASE CONTROL FOR YOUNGSTOCK

**11:15 Oral Presentations**

Anatomy and pathology of the Texel sheep larynx	WAINE, K. U. of Nottingham, UK
Commercial lamb production with new synthetic prolific dam line (ANAROM) in different region of Turkey.	EMSEN, E. Ataturk U., Turkey
Survival rates and growing performance of lambs born from assisted reproductive technologies.	EMSEN, E. Ataturk U., Turkey

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Other:	Best Presentation - top 1 plaque Best Poster - top 1 plaque

**12:30 Grab and Go Lunch - Available in Rozanski Concourse**

Technical tours leave at 13:00.

WEDNESDAY, JUNE 19, 2019

ROOM 102 ROZANSKI HALL

Please note that all plenary presentations and one-minute poster presentations will take place in Room 101 Rozanski Hall. Awards and closing remarks will also take place in Rozanski 101. The programme for Room 102 Rozanski Hall will commence at 10:00.

THEME: ZOONOTIC AND ABORTION DISEASES OF SMALL RUMINANTS

**10:00 Oral Presentations**

Prevention and surveillance program for small ruminant abortions in Quebec, Canada .	LEBOEUF, A. Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec, Quebec, Canada
Salmonellosis in small ruminants.	VELLEMA, P. GD Animal Health, Deventer, the Netherlands
Prevalence of <i>Toxoplasma gondii</i> in Ontario sheep and goats.	MENZIES, P. Department Population Medicine, University of Guelph, Canada

**10:45 Break and Poster / Commercial Display Viewing (30 minutes)**

**11:15 Oral Presentations**

Animal Health Canada. What does this mean to Canadian small ruminant veterinarians and their clients?	MACTAVISH, J. Ontario Sheep Farmers, Guelph, Ontario Canada
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THEME: CONTROL OF COCCIDIOSIS IN LAMBS AND KIDS

**11:30 Oral Presentations**

Something to ruminate about: A novel molecular assay for identifying <i>Eimeria</i> species infecting domestic sheep and goats.	REJMAN, E. Department Pathobiology, U. of Guelph, Canada
Toltrazuril resistance in a field isolate of ovine <i>Eimeria</i> spp.	STUEN, S. Norwegian U. of Life Sciences, Norway

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Other:	Best Presentation - top 1 plaque
	Best Poster - top 1 plaque

**12:30 Grab and Go Lunch - Available in Rozanski Concourse**

Technical tours leave at 13:00 from University Centre.