

WORLD EQUINE AIRWAYS SYMPOSIUM (WEAS)

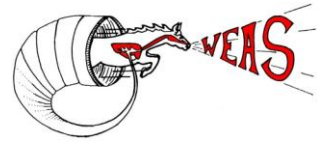


UNIVERSITY OF
CALGARY
VETERINARY
MEDICINE

Veterinary Comparative Respiratory Society (VCRS)

University of Calgary, Health Science Centre

July 14 - 17, 2013



Program at a Glance

(see next page for program details):

Sunday, July 14, 2013 Evening

6:00 – 9:00pm Welcome and get-together wine and cheese at Hotel Alma

Monday, July 15/13

WEAS/ VCRS

Lower Airway and Upper Airways Comparative Research

Health Science Center - Theatre 3 & 4

All day

Posters viewing during breaks

Tuesday, July 16/13

WEAS/VCRS

Upper Airways Advanced Research & Lower Airways Viral Infections

Health Science Center - Theatre 3 & 4

In the Morning

WET LABS:

Equine Upper Airways
Equine Lower Airways
VCRS Wet Lab

Clinical Skills Building
am/pm

ORAL

Upper Airways

HRIC Atrium
In the Afternoon

POSTERS

Lower Airways

HRIC Atrium
In the Afternoon

Wednesday, July 17/13

WEAS/VCRS (Research)

Lung Vascular Physiology

Health Science Center - Theatre 3

In the Morning

PRACTITIONERS' SESSIONS

Upper Airways Case Discussions,
EIPH, IAD, Infections and
Vaccination

Health Science Center

Theatre 4

am/pm

ORAL

Upper Airways

HRIC Atrium
In the Afternoon

POSTERS

Lower Airways

HRIC Atrium
In the Afternoon

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Monday, July 15, 2013 Session

Lower Airway and Upper Airways Comparative Research

Time	Speaker	Topic
8:30 – 9:00	Dr. James Hogg, University of British Columbia	The Microstructure of Human COPD
9:00 – 9:30	Dr. Forest Rowher, San Diego State University	Microbial Ecology of the Lung
9:30 – 10:00	Dr. Gary Hufnagle, University of Michigan	Gut Microbiome Influences on Lung Immune Response
10:00 – 10:30	Dr. Carole Ober, Chicago, IL	Genetics and Environmental Interactions in Human Asthma
10:30 – 11:15	COFFEE BREAK – Poster Viewing	
11:15 – 11:35	Dr. Bettina Wagner, Cornell University	The Role of IgE in Equine Lower Respiratory Tract Disorders
11:35 – 11:55	Dr. Dorothee Bienzle, Ontario Veterinary College	Alveolar Macrophages in RAO
11:55 – 12:15	Dr. Jean-Pierre Lavoie, Faculte de Montreal	Airway Remodelling in RAO - is it reversible?
12:15 – 12:35	Dr. Vince Gerber, Berne, Switzerland	Genetics of RAO
12:30 – 2:00	LUNCH BREAK - Poster Viewing	
2:00 – 2:30	Dr. Normand Ducharme, Cornell University	Recurrent Laryngeal Neuropathy: an over view
2:30 – 3:00	Dr. Tessa Gordon, Sickkids University of Toronto	Neurogeneration
3:00 – 3:30	Dr. RJ Kimoff, McGill University	Afferent Nerve Function in human Upper Airway Obstruction
3:30 – 4:00	TEA/COFFEE BREAK – Poster Viewing	
4:00 – 4:30	Dr. Peter Belasky, UC Davis	Gastro-oesophageal Reflux (GER)
4:30 – 4:50	Dr. Bryden Stanley, Michigan State University	Laryngeal paralysis/ Pharyngeal Dysphagia– is it just a respiratory problem?
4:50 – 5:10	Dr. Sue Holcombe, Michigan State University	Pharyngeal Dysphagia in Horses

Tuesday, July 16, 2013 Session

Upper Airways Advanced, Research & Lower Airways Viral Infections

Time	Speaker	Topic
8:30 – 9:00	Dr. Eva Feldman, University of Michigan	Gene Therapy for Nerve Regeneration in Laboratory Animals
9:00 – 9:20	Dr. Richard Piercy RVC, London	Neuromuscular Signature of recurrent laryngeal neuropathy
9:20 – 9:40	Dr. Jon Cheetham, Cornell University	Neuro-diagnostic and Nerve Conductivity
9:40 – 10:00	Dr. Justin Perkins, RVC London	Neuro-diagnostics quantitative EMG Analysis
10:00 – 10:20	Dr. Heather Chalmers, Ontario Veterinary College	Ultrasound of Laryngeal – recurrent laryngeal neuropathy
10:20 – 11:00	COFFEE BREAK – Poster Viewing	
11:00 – 11:20	Dr. Justin Perkins, RVC London	Quantitative EMGs - recurrent laryngeal neuropathy
11:20 – 11:40	Dr. Samantha Brooks, Cornell University	Genetics of recurrent laryngeal neuropathy
11:45 – 12:30	ABSTRACTS: Upper Airway Abstracts and Lower Airway Poster Discussion	
12:30 – 1:30	LUNCH BREAK	
1:30 – 2:00	Dr. David Proud, University of Calgary	Rhinitis Virus and its Role in Asthma
2:00 – 2:20	Dr. Andres Diaz, Ontario Veterinary College	Have we Underestimated the Role of Equine Rhinitis Virus?
2:20 – 2:40	Dr. Debra Elton, AHT, Newmarket, UK	World-wide Status of Equine Influenza
2:40 – 3:00	Dr. Klaus Osterrieder, Berlin	Alpha Herpes Viruses
3:00 – 3:20	Dr. Kurt Williams, Michigan State University	Gamma-Herpes Viruses
3:30 – 4:00	COFFEE BREAK	
4:00 – 5:30	ABSTRACTS: Lower Airway Abstracts and Upper Airway Poster Discussions	

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Tuesday, July 16, 2013 Session

Equine Upper Airways, Equine Lower Airways, VCRS Wet Lab

HANDS-ON LABS at the Clinical Skills Building

Three sessions in parallel:

- 1. Upper airway (Equine):**
Dynamic Respiratory Endoscopy; Ultrasound of the upper airway; Sinus surgeries.
- 2. Lower airway diagnostics (Equine):**
Trans-tracheal wash, Bronchoalveolar lavage and cytology
- 3. VCRS labs (Companion animal):**
Emergency ultrasound and respiratory critical care

Wednesday, July 17, 2013 Session

Lung Vascular Physiology

Time	Speaker	Topic
8:30 – 9:00	Dr. Mary Townsley, University of South Alabama	Fluid Movement in the Lung
9:00 – 9:30	Dr. Kurt Stenmark, University of Colorado	Vascular Remodelling in the Lung
9:30 – 9:50	Dr. Modest Vengust, University of Ljubljana, Slovenia	Fluid Movement in the Exercising Horse-Impact of Furosemide
9:50 – 10:10	Dr. Kurt Williams, Michigan State University	Vascular Remodelling in the Racehorse Lung
10:10 – 10:30	Dr. Luiz Arroyo, Ontario Veterinary College	Pulmonary Artery Calcification in the Horse
10:30 – 11:00	COFFEE BREAK – <u>Poster Viewing</u>	
11:00 – 12:30	ABSTRACTS	
12:30 – 2:00	LUNCH BREAK	
2:00 – 5:00	ABSTRACTS – with VCRS abstracts	

Wednesday, July 17, 2013 Practitioner Sessions

Upper Airways Case Discussions, EIPH, IAD, Infections and Vaccination

Lectures

Morning Sessions:

1. Sinus Disorders: Case discussions. Speaker – Dr. Justin Perkins, RVC London
2. Upper airways obstructive pathologies: Case Discussions. Speaker - Dr. Normand Ducharme, Cornell University
3. Exercise-Induced Pulmonary Hemorrhage. Speaker – Dr. Alice Stack, Michigan State University

Lunchtime Panel Discussion– Inflammatory Airway Disease – Show me the data!

Experts panel: Dr. Renaud Leguillette, University of Calgary; Dr. John Pringle, Swedish University of Agricultural Sciences; Dr. Eric Richard, Laboratoire Duncombe, France; Dr. Jean-Pierre Lavoie, Université de Montreal and Dr. Ed. Robinson, Michigan State University

Afternoon Sessions:

4. Strangles outbreak management (Dr. Ashley Boyle, New Bolton Center, University of Pennsylvania)
5. Rhodococcus equi updates, vaccination and drug resistance (Dr. Steeve Giguere, University of Georgia)

Panel Discussion: Vaccines for Equine Respiratory Pathologies:

6. Equine respiratory pathologies: Do you know the enemy (the pathogens)? - Dr. Hugh Townsend
7. Clinical efficacy: How to read the labels and interpret the data provided by the industry? - Dr. Hugh Townsend
8. Clinical efficacy: What methods does the industry currently use to demonstrate clinical efficacy – Dr. Hugh Townsend with Government Regulatory and companies' representatives.