

A UNIQUE OPPORTUNITY TO HEAR
THE LATEST IN AIRWAY DISEASE

4th World Equine Airways Symposium (WEAS)



World experts present
the latest information
and in-depth reviews on
upper and lower airway
disease in horses

August 5–7, 2009
Berne, Switzerland



A Dorothy Russell Havemeyer Foundation conference

University of Bern | University of Zurich

vetsuisse-faculty

WEAS Scientific Program

45 world recognized experts in their field, both veterinary and human medicine, will present the most recent updates on upper and lower airway disease.

This is a unique opportunity to meet the opinion leaders in equine airway disease!

August 5th, 2009

	Cutting edge discoveries			Clinical applications	
	Genetics and environment in airway disease			Nasal passages and sinuses	
8:30–9:00	Opening Lecture – Joint sessions				
	Robinson, Ed: The challenge of defining the phenotype in equine airway disease				
9:00	Ewart, Susan Michigan State University, USA	Complexity of gene environment interactions	9:00	Dixon, Paddy University of Edinburgh, UK	Equine sinusitis – long term survey of 300 cases
9:20	Gerber, Vincent University of Berne, Switzerland	Genetics of equine RAO	9:20	Kircher, Patrick University of Berne, Switzerland	How to image nasal passages, sinuses and guttural pouches
9:40	Swinburne, June Animal Health Trust, UK	Mapping genetic loci which influence RAO	9:40	Tessier, Caroline University of Berne, Switzerland	MRI of upper airway
10:00 – 10:30	Coffee Break (sponsored by <i>Epona Animal Insurance</i>) and Poster viewing				
10:30	Barakzai, Safia University of Edinburgh, UK	Heritability/Genetics of recurrent laryngeal neuropathy	10:30	Tremaine, Henry University of Bristol, UK	Standing sinus surgery
10:50	Questions and Discussion: Genetic and Environment		10:50	Ohnesorge, Bernard University of Hannover, Germany	Endoscopic Laser surgery for GP disease
11:10	Abstract Presentation				
12:30 – 14:00	Lunch				

	Cutting edge discoveries			Clinical applications	
	Genetics and environment in airway disease			Pharynx and Larynx	
14:00	Kabesch, Michael University of Munich, Germany	Asthma gene environment interactions	14:00	Chalmers, Heather Decision Diagnostics, Canada	Upper airway ultrasound
14:30	Braun-Fahrlander, Charlotte University of Basel, Switzerland	Role of environment in asthma endotoxin and other factors	14:20	Strand, Eric University of Oslo, Norway	Dynamic laryngeal collapse associated with poll flexion
15:00	Edwards, Michael R. Imperial College London, UK	Overview of human rhinovirus infection and asthma exacerbation	14:40	Tamzali, Youssef University of Toulouse, France	Overground endoscopy: technique and results
15:30 – 16:00	Coffee and Poster viewing				
16:00	Abstract Presentation		16:00	Parente, Eric University of Pennsylvania, USA	Laser surgery in pharynx and larynx
			16:20	Sullins, Ken Leesburg, VA, USA	Review of arytenoid chondritis
			16:40	Parente, Eric University of Pennsylvania, USA	Laryngoplasty and racing performance
			17:00	Ducharme, Norm Cornell University, USA	Neuroprosthesis in treatment of RLN
17:30	Evening Social Programme				

Scientific Program

August 6th, 2009

Cutting edge discoveries			Clinical applications		
Lower Airway Inflammation-Mechanisms			Upper Airway and Performance Immunity in Lower Airway		
8:30	Hawrylowicz, Kasia King's College, London	Regulatory T cells in asthma: the role of the vitamin D pathway	8:30	Franklin, Sam University of Bristol, UK	Poor performance related to upper airway disorders: treadmill and overground diagnosis
09:00	Michel, Olivier University of Liège, Belgium	The response to acute and chronic exposure to inhaled endotoxin in humans	8:50	Woodie, Brett Rood and Riddle Equine Hospital, USA	Prepurchase prediction of upper airway function
09:30	Linden, Anders University of Göteborg, Sweden	IL-17 and neutrophil mobilization in lungs	Round table Difficult cases in upper airway: diagnosis and treatment		
10:00	Ainsworth, Dorothy Cornell University, USA	Just how important is IL-17 in horses with RAO?			
10:20	Cardwell, Julie Royal Veterinary College, London	Risk factors for Inflammatory Airway Disease in UK National Hunt racehorses			
10:40 – 11:00			Coffee and Poster viewing		
11:00			11:00	Horohov, David University of Kentucky, USA	Specific or innate immunity in RAO?
			11:20	Marti, Eliane University of Berne, Switzerland	Role of IgE and perspectives on clinical allergy testing
11:40			Abstract Presentation		
12:30 – 14:00			Lunch		

Cutting edge discoveries (sponsored by Pfizer Animal Health)			Clinical applications (sponsored by Intervet / Schering Plough Animal Health & Pfizer Animal Health)		
Long term consequences of airway disease			Infections and Pneumonia		
14:00	Frey, Urs University of Berne, Switzerland	Lower airway models predicting asthma exacerbations	14:00	Skehel, John National Institute for Medical Research, London, UK	Influenza: a world view
14:30	Hoffman, Andy Tufts University, USA	Quantifying equine lower airway dysfunction in the field	14:30	Venner, Monika University of Hannover, Germany	Rhodococcal equi pneumonia: treatment strategies
14:50	Gehlen, Heidi University of Munich, Germany	RAO and structural changes in skeletal muscle	14:50	Venner, Monika University of Hannover, Germany	Rhodococcal equi pneumonia: prevention pre- and post-partum
15:10	Lavoie, JP University of Montreal, Canada	Efficacy of long term inhaled steroid treatment for RAO	15:10	Croubels, Siska University of Ghent, Belgium	Update on viral airway disease and antiviral therapy
15:30 – 16:00			Coffee and Poster viewing		
16:00			16:00	Osterreider, Klaus Freie Universität Berlin, Germany	Herpesvirus in horses – Current status
			16:20	Williams, Kurt Michigan State University, USA	Multinodular pulmonary fibrosis and EHV-5 associated disease
			16:40	Robinson, Carl Animal Health Trust, UK	What's new with Strep zoo/equi?
17:00			Social Event in Avenches		

Scientific Program

August 7th, 2009

	Cutting edge discoveries			Clinical applications (sponsored by Boehringer Ingelheim Animal Health)	
	Upper airway mechanics			Lower Airway Diagnosis	
08:30	Schwartz, AR Baltimore, USA	Factors determining collapsibility of the upper airway	08:30	Kircher, Patrick University of Berne, Switzerland	Imaging the chest
09:00	Kimbell, Julia Hamner Institute for Health Sciences, USA	Applications of computational fluid dynamics modeling in the nasal passages for risk assessment and drug delivery	08:50	Viel, Laurent University of Guelph, Canada	Diagnostic methods for RAO and IAD
09:30	Ducharme, Norm Cornell University, USA	The upper airway, how new technologies are changing what we thought we understood	09:10	Couetil, Laurent Purdue University, USA	Critical evaluation of treatment efficacy for RAO and IAD
09:50	Franklin, Sam University of Bristol, UK	Soft palate stability	09:30	Abstract Presentation	
10:10 – 10:30	Coffee and Poster viewing				
10:30	Vengust, Modest University of Ljubljana, Slovenia	Pulmonary circulation fluid dynamics	10:30	Gerber, Vince University of Berne, Switzerland	IAD in the sport- and leisure horse
10:50	Derksen, Fred Michigan State University, USA	Pulmonary venous obstruction in horses with EIPH	10:50	Van Erck, Emmanuelle University of Liege, Belgium	Lower airway inflammation in endurance horses
11:10	Abstract Presentation				
12:30 – 14:00	Lunch				

	Cutting edge discoveries			Clinical applications (sponsored by Boehringer Ingelheim Animal Health)	
	Abstract Session			Lower Airway Performance and IAD	
14:00	Abstract Presentation		14:00	Laan, Tamarinde Dreumel, The Netherlands	Clenbuterol and other B2-agonists- pulmonary effects other than bronchodilation
			14:20	May, Melissa Michigan State University, USA	The quantification and control of environmental contaminants in stables
			14:40	Couetil, Laurent Purdue University, USA	How do we define poor performance?
15:00 – 15:30	Coffee and Poster Viewing				
15:30	Abstract Presentation		15:30	Round table lower airway	
17:00	End of Meeting				

Registration and Call for Abstracts

Registration	Before 30/06/09	After 01/07/09
Veterinary	CHF 450	CHF 550
Students, Graduate Students, Residents and annual BeFa members	CHF 350	CHF 450



**Abstract
submission
extended
to May 31th, 2009**
www.weas09.unibe.ch



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Social Program



Wednesday, August 5th, 2009:

Welcoming cocktail in Berne with Jazz, drink and snack-buffet



Thursday, August 6th, 2009: National Stud in Avenches

Visit of the National Stud Farm with:

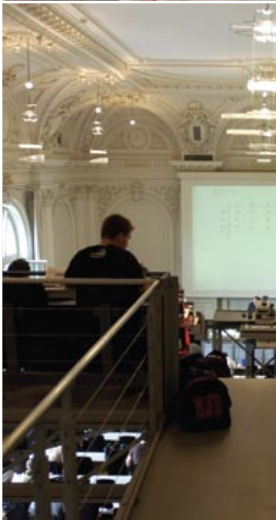
- Demonstration of telemetric endoscopy
- Driving competition with participation of congress attendants
- Dinner and dancing!



Venue

For the 4th edition of the WEAS, state-of-the-art lectures will be hosted at the University of Berne, Switzerland.

This is also a unique opportunity to visit our beautiful country. The Swiss Alps with magnificent mountain peaks, crystal-clear lakes, and glaciers provide breathtaking views. The urban centers of Basel, Bern (its old town is a UNESCO World Heritage), Geneva, Lausanne, Luzern and Zurich offer many-fold cultural experiences.



Come to Switzerland and meet equine airway specialists from all over the world!

We are looking forward to seeing you in Bern!

The WEAS Committee



Dorothy Ainsworth,
Cornell University, USA



Norm Ducharme,
Cornell University, USA



Vincent Gerber,
University of Berne, Switzerland



Caroline Tessier,
University of Berne, Switzerland



N. Edward Robinson,
Michigan State University, USA



Laurent Viel,
University of Guelph, Canada

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