

01.10.2005, 09:00 – 18:00

1. Feed intake and feed quality

Feed intake in the horse. **Cuddeford**

Variability in crude nutrients and minerals in feedstuffs for horses. **Sliwinski et al.**

Variability in soluble carbohydrate and mineral content of pasture and turf grasses. **Allen et al.**

Environmental effects on nutritive value of equine pastures **Cubitt et al.**

A system for the evaluation of the hygiene quality of feed stuffs. **Kamphues**

Mycological survey and aflatoxin detection in equine feed samples. **Keller**

Seasonal analysis of the mineral content of pasture used grazing Thoroughbred breeding stock in the UK. **Jones & Holland**

A survey on the hygienic standard in feeds associated with diseases. **Wolf & Kamphues**

Hygienic status in roughages and concentrates in Bavarian riding stables. **Sliwinski et al.**

2. Feed digestion

Methodology in studying digestibility a) in vivo and b) in vitro. a) **Zeyner** b) **Murray**

Measurement of masticatory forces in the horse. **Staszuk et al.**

Adding chopped straw to concentrate feed: The effect of inclusion rate and particle length on intake behaviour of horses. **Ellis et al.**

Seasonal Variation of Digestible Energy Requirements of Mature Donkeys in the UK. **Wood**

The effect of enzyme-treatment on the nutritive value of high-temperature dried Lucerne for ponies. **Murray et al.**

Apparent digestibility of nutrients and physical-chemical characteristics from colon content of horses. **Queiroz de Almeida**

Comparative study of colon and faeces microbial communities and activities in horses fed a high starch diet. **Da Veiga Luis et al.**

Fermentative activity of horse gut contents assessed in vitro. **Morris et al.**

Nutrient intake in bavarian riding farms. **Sliwinski et al.**

Apparent digestibility of mixed diets in horses determined by acid-insoluble ash and acid detergent lignin as internal markers. **Santos et al.**

Estimation of digestible energy in horse diets using an in vitro method. **Zeyner & Dittrich**

Kinetics of accumulative gas production from horse colon digesta. **Queiroz de Almeida**

The use of faeces as a source of inoculum for in vitro prediction the energy value of feeds in horses **Santos et al.**

Use of magnetic resonance (NMR) analysis of saliva in equine studies **Ralston et al.**

In vitro fermentation kinetics of a range of alternative forages, and their suitability as forage feeds for horses. **Hale**

3. Digestion of carbohydrates and the impact on the intestinal microbial community

Feeds and feeding as a trigger for laminitis. **Harris**

In vitro fermentation of three species of fresh grass differing in water-soluble carbohydrate content with an equine faecal inoculum. **Ince et al.**

Fermentation of selected substrates in vitro using a batch culture with equine faeces as inoculum. **Zeyner et al.**

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3. Digestion of carbohydrates and the impact on the intestinal microbial community (cont)

Effects of short-chain fructo-oligosaccharides on the microbial and biochemical profile of different segments of the gastrointestinal tract in horses. **Respondek et al.**

Changes in hindgut pH of ponies following feeding with fructan carbohydrate in the form of inulin. **Crawford et al.**

Hydrogen and methane exhalation after ingestion of different carbohydrates. **Möbeler et al.**

Fructan concentrations in feedstuffs for horses. **Grüssler**

In vitro fermentation of different carbohydrates. **Plumhoff et al.**

4. Digestion of carbohydrates and metabolic responses

The glycemic and insulinemic response in the equine a) aspects of feeds and b) impact on metabolism. a) **Vervuert** b) **Ralston**

Effect of short (<2 cm) Lucerne chaff addition on the intake rate and glycaemic response of a sweet feed. **Harris et al.**

Dietary energy sources affect Minimal Model parameters in trained Arabian gelding during endurance exercise.

Treiber et al.

5. Metabolic stress and modifiers

Nutrients and substances deposited in hair. **Dunnet**

Fat adaptation effects insulin sensitivity and elimination during an 80 km endurance ride. **Hess et al.**

Secondary nutritional hyperparathyroidism in ponies in Northern Thailand. **Luthersson et al.**

What do markers of bone formation tell us in equine nutritional studies? **Nielsen**

Form and source of tocopherol affects vitamin E status in Thoroughbred horses. **Pagan et al.**

A study of horse's blood constituents and weight variations during endurance competitions. **Nery et al.**

Effects of gelatine supplementation on amino acids profiles in performance horses. **Appelt et al.**

Effects of L-carnitine supplementation during exercise and rest in performance horses. **Niemeyer et al.**

Effects of Cr supplementation in exercising horses **Cuddeford et al.**

6. Foals, growth and feeding and impact on health Genetic background of OCD. **Bruns**

Yield and composition of milk from Lusitano lactating mares. **Santos et al.**

Effects of type of diet on glucagon-like peptide 1 (GLP-1), glucose and insulin responses of warmblood weanlings to a low dose oral glucose tolerance test **Duarte et al.**

Investigations of immunoglobulin G concentrations by colostrumetry, refractometry and an ELISA-technique in colostrum of mares. **Markus et al.**

Estimation of growth rates in UK thoroughbreds. **Jones & Hollands**

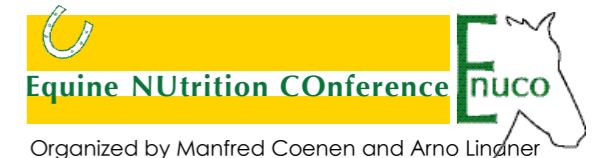
Feeding practice in warmblood foals and mares and the incidence to osteochondrosis. **Winkels et al.**

Linear measurements for weight prediction in broodmares of three breeds. **Blanchard et al.**

Estimation of growth rates in warmblood foals and the incidence of osteochondrosis. **Vervuert et al.**

Measurement of the major components in colostrums of mares in the post partal period. **Markus et al.**

Final remarks. **Coenen**



Organized by Manfred Coenen and Arno Lindner

Exchange of experience: Seminars

New information: ENUCO - Scientific

Facts for Professionals: ENUCO - Practice

Final Programme

Hannover, Germany

October 1 – 2, 2005

with seminars on
September 30, 2005

Our partners

ALLTECH, LIFE DATA LABS,
LOHMANN ANIMAL HEALTH/LONZA,
PLANTAVET



**September 30 (Friday)**

Accredited each one by Akademie für tierärztliche Fortbildung with
3 hours for Continuous Education

8:45 Welcome

9:00 Start of the morning seminars

No. 1 Pro-, pre- and symbiotics for the horse: potential benefits for health and disease management.
Véronique Julliard (France), Scott Weese (Canada)

No. 2 Nutraceuticals: What may how make sense?
Joe Pagan (USA) and Manfred Coenen (Germany)

No. 3 Teeth: Optimization of teeth for nutrition.
Ian Dacre (New Zealand) and Susan Kempson (UK)

No. 4 Is oxidative stress detrimental to performance (reproduction, sports, breeding, growth) of horses and how can it be measured and evaluated?
Pierre Lekeux (Belgium) and Hans-Peter Sallmann (Germany)

12:45 End of the morning seminars

14:00 Start of the afternoon seminars

No. 5 Feed safety regarding health and doping (with demonstration of feedstuffs).
Scott Weese and Manfred Coenen

No. 6 Diagnosis of hoof quality and nutritional advice on management of poor quality.
Sue Kempson and Hans Geyer (Switzerland)

No. 7 Differential diagnosis of muscle disorders and their nutritional management.
Pat Harris (UK) and Stephanie Valberg (USA)

No. 8 Marketing and selling of food and counselling on feeding management for horse owners.
Joe Pagan and Klaus Lübker (Germany)

17:45 End of the afternoon seminars

19:00 Welcome reception: "History tells us..."
by **Helmut Meyer (Germany)**; the registration office will be open

21:30 End

**October 1 (Saturday)**

Accredited by Akademie für tierärztliche Fortbildung with
6 hours for Continuous Education

8:30 Welcome

8:45 Feeding management of Endurance horses during conditioning and competition.
Pat Harris

9:30 Discussion

10:00 Coffee break

10:45 Impact of nutrition on the microflora of the gastrointestinal tract.
Véronique Julliard

11:30 Discussion

12:00 Impact of diseases on the gastrointestinal microflora, nutritional prevention of these diseases and nutritional management after occurrence.
Scott Weese

12:45 Discussion

13:15 Lunch

14:30 Anti-inflammatory and anti-oxidative feed ingredients.
Pierre Lekeux

15:15 Discussion

15:45 Coffee break

16:15 Best Nutrition Presentation at the Equine Science Society 2005 conference

17:00 Discussion

17:30 End

18:00 Tasting the zoo

Our partners...**Alltech**

Product: Feed additives
Contact: Ronald Kräft, Poppenbütteler Bogen 84
D-22399 Hamburg, Germany
Fon: 0049 40 69 45 73 0; Fax: 0049 40 69 45 73 29
e-mail: rkraeft@alltech.com

**Lohmann Animal Health**

Product: Feed additives and CARNIKING® produced by Lonza AG.
Contact: Stephan Jacobs, Heinz Lohmann Str. 4,
D-27454 Cuxhaven, Germany
Fon: 0049 4721 74 71 83; Fax: 0049 4721 74 71 84
e-mail: stephan.jacobs@lah.de

**October 2 (Sunday)**

Accredited by Akademie für tierärztliche Fortbildung with
6 hours for Continuous Education

9:00 Nutritional management in developmental orthopedic disease.
Joe Pagan

9:45 Discussion

10:15 Coffee break

11:00 Nutritional management to keep the hoof healthy.
Hans Geyer

11:45 Discussion

12:15 Nutritional management of horses with hoof diseases.
Susan Kempson

13:00 Discussion

13:30 Lunch

14:45 Nutritional management of horses with pathological muscle conditions and poor performance.
Stephanie Valberg

15:30 Discussion

16:00 Coffee break

16:30 Impact of nutrition on health of teeth and management of teeth to avoid nutritional deficits.
Ian Dacre

17:15 Discussion

17:45 Closing ceremony

18:15 End

20:00 Evening in medieval (or earlier) times.

Our partners...**Life Data Labs**

Product: Nutritional supplements
Contact: Linda and Frank Gravlee, P.O. Box 349
AL-35616 Cherokee, USA
Fon: 001 256 37 07 555; Fax: 001 256 37 07 509
e-mail: cservice@lifedatalabs.com

**Plantavet**

Product: Plant based pharmaceutical drugs and feed additives
Contact: Gerd Riedel – Caspari, Plantavet ® GmbH,
Biologische Tierarzneimittel
D-88339 Bad Waldsee, Germany
Fon: 0049 7524 97 88 0; Fax 0049 7524 97 88 28
e-mail: info@plantavet.de

**Venue**

The Institute of Pathology of the Stiftung Tierärztliche Hochschule Hannover, at the Bünteweg 17
D-30559 Hannover, Germany

- Coming by car you may take a look at www.tiho-hannover.de/allgemein/anreise to get to the location of the meeting.
- Coming by plane the best alternative is to fly into the airport of Hannover city (www.hannover-airport.de), and take the Bus 470 or the subway (S) number 5 to downtown Hannover Hauptbahnhof (central railway station). From there to go to the Institute of Pathology of the Tierärztliche Hochschule Hannover you take the U-Bahn 1 (direction Laatzen/Sarstedt), 2 (direction Rethen) or 8 (Messegelände) 2 stations to the station Aegidientorplatz. There you take U 6 to Messegelände-Ost and after 8 stations you leave the train at the station Bünteweg/Tierärztliche Hochschule Hannover. Then you have to walk about 10 minutes towards the entrance of the area where several institutes of the vet school are located, among them the one of Pathology (check the website of the vet school for orientation).
- Of course any other airport will be fine too, like Frankfurt am Main, Düsseldorf, Berlin, Hamburg or Bremen. From there you can take the train to Hannover Hauptbahnhof. Check train schedules under www.bahn.de

Accommodation

We very much recommend you to book early because on the same weekend there is a very large meeting on tumours in Hannover.

We recommend the:

Congress-Hotel am Stadtpark,
Clausewitzstr. 6, D-30175 Hannover
Fon: 0049 511 28 05 0; Fax: 0049 511 81 46 52
e-mail: info@congress-hotel-hannover.de
www.congress-hotel-hannover.de
–Say ENUCO to get the special rate!–

It has given us a very good rate, and from there we will organize a shuttle bus which will take you to the Institute of Pathology and back to the hotel on all days.

For other hotels check www.freehotels.info

More information

www.equinuco.info

E-mail: contact@agpferd.de