



— EUROPEAN —  
EQUINE HEALTH &  
NUTRITION CONGRESS

# 12th EEHNC Programme

**Wednesday, 12th of March 2025**

## Industry Meeting

15:00 - 17:15

Pre-congress: Industry Meeting (City Center)

17:15 - 20:00

Discussion & dinner

## Welcome Drink

**Thursday, 13th of March 2025**

**Track I: Nutrition & Performance: Warming up! Introduction in Energy metabolism of the performance horse and measuring performance**

Lecture Hall Equine, Clinical Sciences, Faculty of Veterinary Medicine,  
Utrecht Science Parc

Cutting-edge insights and fundamentals in equine exercise physiology:  
basics and latest advances  
9:30-10:15 **Dr. Irene Tosi & Dr. Tania Art, Liege University**

Basics of Equine Training Physiology

10:15-10:30 Questions

10:30-11:00 Break

The relation between energy expenditure - energy requirement and  
performance (HR - VO<sub>2</sub>)  
11:00-12:00 **Dr. Ingrid Vervuert, Universität Leipzig**

Energy metabolism of the performance horse

12:00-13:00 Lunch

**Track II: Track GASTRO: Research & Expert meeting  
(Including selected abstracts)**

Lecture Hall Companion Animals

9:15-10:15 Research meeting  
**Shirazi-Beechey (University of Liverpool); Wilbert Pellikaan, Wouter Hendriks & Mary Maxfield (Wageningen University); Louis Penning, Robin van den Boom and others (Utrecht University)**

10:30-11:00 Break

11:00-12:00 Selected Abstracts

12:00-13:00 Lunch

**Track III: Internal medicine: Cardiology & Respiration**

Location to be defined

9:30-12:00

**Cornelie Westermann (Utrecht University) & Gunther van Loon (Ghent University)**

12:00-13:00

Lunch

**Plenary Programme: Feeding the Muscles - Energy substrates for performance**

13:15 - 13:40

Fermentation end-products (SCFA): How do they affect the gut, the liver and pancreas metabolism?

**Prof. Shirazi-Beechey, University of Liverpool**

13:45 - 14:10

A pathologist perspective on the role of nutrition in muscle physiology and pathology (Healthy vs Diseased) focussing on the the role of fermentation end products

**Prof. Richard Ducatelle, Ghent University**

14:15 - 14:40

Effects of feeding high starch or fiber to performance horses

**Samy Julliand, Lab2field**

14:45 - 15:15

Questions & Panel discussion

**Speakers & Experts**

15:15 - 15:45

Break

**Plenary Programme: Feeding the Muscles - Electrolytes**

Fluid and Electrolyte Balance in Exercising Horses: Why Does a Horse Sweat, and What Are the Consequences for Nutrient Balance and Replenishment (Post-Exercise Strategies)?

15:45 - 16:30

Fluid and electrolyte balance in exercising horses: Clinical and nutritional perspectives

**Prof. Harold Schott, Michigan State University**

16:30 - 17:00 An Exercise Physiologist Perspective  
**Dr. Michael Lindinger, Nutraceutical Alliance**

17:00 - 17:30 Q&A Speakers & Expert Panel Discussion: Electrolyte supplementation for the (performance) horse  
**Led by Prof. Pat Harris (Waltham Petcare Science Institute), discussion with Prof. Harold Schott, Dr. Michael Lindinger, Prof. Ingrid Vervuert, Dr. Carolien Munsters**

### Congress Dinner

19:30 - 22:30 City Centre

## Friday, 14th of March 2025

### Plenary Programme: Feeding & Exercising the Healthy Performance Horse

Lecture Hall Equine, Clinical Sciences, Faculty of Veterinary Medicine, Utrecht Science Parc

9:00 - 9:15 Start programme

9:15 - 9:45 Why is muscle development important: Conditioning the (healthy) horse?  
**Dr. Rachel Murray, Consultant, Veterinary Specialist**

9:45 - 10:00 A Scoring system for the muscle  
**Dr. Rachel Murray & Dr. Pat Harris**

10:00 - 10:20 From fat to fit: the role of inflammation in re-conditioning the equine athlete  
**Dr. Wendy Pearson, University of Guelph**

10:20 - 10:30 Questions

10:30 - 11:00 Break

- 11:00 - 11:20 An applied approach to fitness & workload - What do we see in practice and how do we monitor and control this?  
**Dr. Carolien Munsters, Equine Integration, Utrecht University**
- 11:20 - 11:30 Questions
- 11:30 - 11:50 Sensors for gait analysis and Performance - What are the potential tools to use for the equine professional, nutritionist and veterinarian to monitor equine gait analysis, performance and welfare?  
**Dr. Filipe Branganca & Dr. Aagje Hardeman**
- 11:50 - 12:00 Questions
- 12:00 - 12:15 New technologies: What's pending?
- 12:15 - 12:30 Q&A - General discussion: How can we monitor and improve the wellbeing of the healthy equine athlete by nutrition and the use of new technologies?
- 12:30 - 13:00 Lunch for Track V & VI

### **Afternoon Tracks (IV, V & VI)**

**Track IV: Research & Nutrition (Bus to Wageningen) - 60 persons**

Bus leaves to Wageningen University & Eurofins Agro (Lunch on bus)

Visit to:

Group IVa

13:00 - 19:15

- 13:45: Arrival at Animal Nutrition Group & Carus Respiration Chambers & Updates BACIN2DLIVER project (Organoid research).
- 16:15: Bus leaves to Eurofins Agro laboratory
- 18:15: Bus leaves to Utrecht Science Parc & City Center

Group IVb

- 14:00: Arrival at Eurofins Agro laboratory
- 16:00: Bus leaves to Animal Nutrition Group & Carus Respiration Chambers & Updates BACIN2DLIVER project (Organoid research).
- 18:30: Bus leaves to Utrecht Science Parc & City Center

Expected arrival in Utrecht: 19:15

### **Track V: Technology & Performance Monitoring - 60 persons**

13:15 - 13:45

Plenary: Introduction & updates on thermoregulation  
**Dr. Michael Lindinger, Nutraceutical Alliance**

13:45 - 14:15

To be announced

14:15 - 17:00

Live demo's & Workshops  
**Dr. Aagje Hardeman, Dr. Carolien Munsters & Dr. Filipe Braganca**

### **Track VI: Vets & Specialists (Cavalor Sponsored Track) - Limited seats available**

13:15 - 14:15

Diagnosis of Muscle Problems  
**Prof. Stephanie Valberg**

14:15 - 14:30

Break

14:30 - 15:30

Fluid and Electrolyte management: Clinical Perspectives & Diagnostics  
**Prof. Harold Schott**

15:30 - 16:00 Break

16:00 - 17:00 To be announced

## Saturday, 15th of March 2025

### Plenary Programme: Feeding the Horse with Muscle Problems

Utrecht University Hall, City Centre

9:00 - 9:15 Start Congress

9:15 - 9:45 Introduction to Muscle Physiology and Pathology: Healthy vs. diseased  
**Prof. Richard Ducatelle, Ghent University**

9:45 - 10:30 Updates on feeding & management of the horse with muscle disorders: Part I  
**Prof. Stephanie Valberg**

10:30 - 11:00 Break

11:00 - 11:30 Updates on feeding & management of the horse with muscle disorders: Part II

11:30 - 11:45 Q&A

11:45 - 12:05 What do we know about rehabilitation of horses with muscle problems?  
**Dr. Rachel Murray, Consultant, Veterinary Specialist**

12:05 - 12:30 Case discussion: Focussing on rehabilitation of performance horses with muscle problems focussing on nutrition and exercise regimen.  
**Dr. Rachel Murray, Dr. Caroline Munsters, Prof. Pat Harris, Prof. Stephanie Valberg, Prof. Ingrid Vervuert**

12:30 - 13:30 Lunch

13:30 - 14:30	Why should we change the (nutrition) management to improve gastrointestinal health to create a "Happy Athlete"? Clinical perspectives & experiences focussed on EGUS & IBD <b>Dr. Robin van den Boom &amp; Lieuwe Kranenburg, Utrecht University</b>
14:30 - 14:45	Research news
14:45 - 15:00	Q&A: How can nutrition (& management & technology) help to prevent or support treatment for gastro intestinal health problems of performance horses?
15:00 - 15:30	Closing

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