



# Equine

## Endurance Conference

**3 & 4 June 2009, Beaufort West**

### TOPICS TO BE COVERED:

- Basics of exercise physiology for riders, owners and trainers
- What makes an elite endurance horse
- Breeding, genetics, conformation and performance - getting the right horse to start with
- Common injuries in endurance horses in training and competition and how to avoid them
- Effective endurance training
- The heart rate monitor - how to get the most from it
- Feeding the endurance horse in training and competition
- Supplements for endurance
- Fluids and Electrolytes
- Optimising performance - competition strategy
- Blood tests, scoping and lameness exams - make the most of your vet
- Transport - don't ruin your chances before you even start the ride!
- New technology
- Trends in endurance worldwide - speeds, completions, injuries and eliminations

### MAIN SPEAKER:

David Marlin obtained his PhD from Loughborough University in 1989 based on work undertaken at the Animal Health Trust studying the responses of Thoroughbred racehorses to exercise and training. He then worked for 3 years as an exercise physiologist for racehorse trainer Luca Cumani in Newmarket. From 1993–1996 he undertook studies on thermoregulation and transport of horses in the build-up to the 1996 Atlanta Olympic Games. His main areas of professional interest are respiratory function in man and animals in health and disease with special focus on asthma, thermoregulation and general exercise physiology. From 1990 until 2005 he worked at the Animal Health Trust in Newmarket as a Senior Scientist and Head of Physiology.



David currently works as an independent scientific consultant, as a director of a nutrition company and holds positions of Visiting Professor in Cardiorespiratory Physiology at the University of Bristol, Visiting Professor in Equine Science at Nottingham Trent University, Associate Dean for Research at Hartpury College and adjunct Professor in Physiology at Oklahoma State University. He is the author of over 200 scientific papers and book chapters. David's other affiliations and positions include member of the editorial board of the Equine Veterinary Journal, Chairman of the International Conference on Equine Exercise Physiology (ICEEP) and editor of Comparative Exercise Physiology. He is also the author of Equine Exercise Physiology (Blackwell) with Kathryn Nankervis.

David worked with the International Equestrian Federation (FEI) and the British Equestrian teams in the build up to the 2008 Olympic Games. He has worked as a consultant to the British Equestrian Teams since 1994 and has been a member of the World Class Performance Scientific Advisory Group since its inception in 2006. David's recent projects have included a review of the effects of temperature on horses during transport for the UK Government and welfare impact of long distance transport to slaughter in Europe for World Horse Welfare. With respect to endurance, David was the team trainer for the British Endurance Team when they won team silver at the 2000 World Championships in Compiègne (France). He co-chaired an FEI initiative on welfare in endurance with Prof Leo Jeffcott and has also undertaken a number of scientific studies of endurance rides, including a 120km ride in Dubai for the FEI. David was also involved in studies leading up to the 2008 World Championships in Malaysia and last year undertook an analysis of trends in endurance on a worldwide basis for the FEI. He will also be part of the American Endurance Ride Conference research summit on endurance that will take place in Denver this summer.

### WHO SHOULD ATTEND:

All veterinarians, riders and owners interested in the sport. Don't miss this opportunity to learn more about one of the fastest growing equine sports in the world!

### FOR MORE INFORMATION:

Vetlink Conferences for registration forms & information 012 346 1590,  
fax 086 6719 907 or email [vetlink@mweb.co.za](mailto:vetlink@mweb.co.za)