



Dr Des Leadon MA, MVB, MSc, FRCVS, DipECEIM
ITBF Vice Chairman
ITBF Veterinary Advisory Committee Chairman
EFTBA Veterinary Advisory Chairman

Dr Des Leadon is a Fellow of the Royal College of Veterinary Surgeons with more than 40 years of clinical veterinary experience, and Diplomate of the European College of Equine Internal Medicine. He is a Registered Consultant in Equine Medicine from both the RCVS and the European College of Equine Internal Medicine. Des has been Head of Equine Clinical Pathology at the Irish Equine Centre for 30 years, and currently holds the position of Clinical Consultant.

A former President of British Equine Veterinary Association, former President of the World Equine Veterinary Association, Founding Diplomate and former Vice-President of the European College of Equine Internal Medicine, International Director of the American Association of Equine Practitioners, Past Presidents Advisory Committee of the World Equine Veterinary Association (on which he still sits).

An expert advisor, on the following committees:

- Member of the IFHA's International Movement of Horses Committee (IMHC)
- Pre-movement inspector for the International Racing Bureau, Hong Kong Jockey Club and the Saudi Cup.
- Commissioned to travel with horses to the 2020 Tokyo Olympics.
- Expert Advisor to the FVO of the EU on the transport of Horses.
- Member of the EFTBA delegation at the EU Commission on the movement of horses
- Pre-Auditor for South Africa's bid for the resumption of direct horse exports to the EU (2019).
- Expert Veterinary Advisor to the Lloyds Livestock Committee.
- Member of International Horse Sport Council (IHSC) Task Force on the Transport of Horses post Brexit and on the 2021 EU Animal Health Laws (2020 to present).

Des and his wife Dr Mariann Klay own and breed Thoroughbred racehorses on their stud farm "Swordlestown Little" near Naas in Co Kildare in Ireland. They have bred Black Type and other winners in Ireland, England, France, Switzerland, the USA, Canada, Hong Kong and Australia.



James Crowhurst MA, Vet MB, MRCVS
Veterinary Advisor to the British TBA
Consultant at Newmarket Equine Hospital

James Crowhurst graduated from Cambridge University in 1978, having accompanied a boat load of 170 horses from England to New Zealand in his gap year, and went straight into general practice in Queensland, Australia, with Reg Pascoe. Next was a spell in Kentucky, USA, with Hagyards, returning to Scone, New South Wales for another Thoroughbred breeding season with Bill Howie and Partners.

Following this, he joined Twink Allen at the Animal Research Unit in Cambridge before joining Greenwood Ellis and Partners in Newmarket in 1981. He became Partner in 1984, doing both horses in training and stud medicine initially, gradually concentrating on the latter. He joined the board of BEVA (British Equine Veterinary Association) and was Chairman of the Newmarket Stud Farmers Association. He also became a Trustee of the Animal Health Trust and a member of the British Thoroughbred Breeders' Association's Veterinary Committee. Currently he is a Chairman of the latter, and a Trustee of the TBA, together with being elected to the Newmarket Charitable Trust. Other duties include membership of the International Code of Practice and EIDS (Equine Infectious Disease Surveillance) Committees.

He and his wife Tessa manage a small stud in Newmarket and enjoy horse riding for pleasure.



Dr Teruaki Tozaki PhD
Manager, Genetic Analysis Section
Laboratory of Racing Chemistry

Dr Teruaki Tozaki is a sport pharmacist of the Japan Anti-doping Agency and currently serves as the manager of Genetic Analysis Section at the Laboratory of Racing Chemistry (LRC). The LRC is an internationally accredited horse racing doping control and certified horse parentage testing laboratory primarily to provide analytical and biological testing services for the analysis of equine samples including urine, blood and hair. The Genetic Analysis Section of the LRC is mainly responsible for gene doping testing including out-of-competition testing, and gene editing testing and paternity testing for Thoroughbred registration in Japan. Dr Tozaki holds two PhD degrees, one from Showa University Graduate School of Pharmaceutical Sciences in 2001 and another from Kyoto University Graduate School of Agriculture in 2013. During his doctoral studies, he acquired extensive knowledge and expertise in the areas of pharmaceutical sciences and animal genetics. Dr Tozaki is currently a visiting professor of veterinary medicine at the Gifu University. Up to now, he has published over 100 scientific publications in the fields of genetics and genomics in various international journals. Dr Tozaki has been invited by both local and international conferences to present his latest research.

Dr Tozaki also actively participated in various international activities. He is a board member of the Japanese Society of Animal Breeding and Genetics and the members of the Horse Genome Workshop, the *Equine Genetics and Thoroughbred Parentage Testing Committee of the International Society for Animal Genetics*, the *Gene Doping Control sub-committee of the International Federation of Horseracing Authorities*, the *Gene Doping Expert Committee* of the International Horse Sports Confederation, and the *Gene Doping Ad-Hoc committee* of the Association of Official Racing Chemists (AORC). In 2019, Dr Tozaki organized and chaired the Gene Doping Workshop of the Asian AORC meeting.

Furthermore, Dr Tozaki serves as the editor of the Journal of Equine Science and the guest editor of Gene Doping Control in Human and Animal Sports in the International Journal of Molecular Sciences.

Throughout his career, Dr Tozaki has received a number of awards including the Presidential Award for Best Presentation from the Japanese Society of Veterinary Science in 2001, the Poster Award from the International Society for Animal Genetics in 2008, and the Academic Award from the Japanese Society of Equine Science in 2013.



Koji Tsujimura, DVM, PhD
Head of the Molecular Biology Division, Equine Research Institute, Japan Racing Association (JRA)

Koji Tsujimura, DVM, PhD, is the Head of the Molecular Biology Division at the Equine Research Institute of the Japan Racing Association (JRA). He joined the JRA as a veterinarian in 1998 after graduating from Hokkaido University and worked for two years at the Racehorse Clinic at the Ritto Training Center. In 2000, he moved to the Equine Research Institute, where he began a career in research that has continued to the present day.

His research interests are viral infections in horses, with a particular focus on equine herpesvirus type 1. He received his PhD from Gifu University in 2010 for his work on equine herpesvirus type 1. One of the key research projects he participated in was the development of a modified live attenuated vaccine against equine herpesvirus type 1. The developed vaccine has been commercially available since 2014 and is currently used in Japan to prevent equine herpesvirus type 1 infection. His other research topics on EHV-1 include developing simple viral gene detection methods that can be used as POCTs, evaluating the efficacy of disinfectants, and analyzing the pharmacokinetics of antiherpesvirus drug.

In addition, epidemiological surveillance of equine herpesvirus type 1 infections in Japan is another important task of his laboratory.



Dr Guillaume FORTIER, DVM, Msc., PhD, Dip.
Inst.Pasteur, HDR Univ
Assistant Professor, LABÉO, University of Normandie

Dr Guillaume Fortier first worked as a veterinary surgeon for 6 years in mixed practice, before turning to biology and then research via a university thesis defended at the University of Liège in Belgium.

Today, he runs the LABÉO laboratory in Normandy, with a major equine biology and research activity in France and numerous partnerships in Europe and around the world.

LABÉO recently celebrated its official twinning with the Irish Equine Centre after more than 20 years of mutual collaboration, notably on infectious diseases.

A nascent collaboration with the JRA and Dr Hiroshi BANAI is also underway on various aspects of equine infectious diseases.

Since 2012, Guillaume Fortier has been the veterinary consultant to the French Thoroughbred breeders Federation. His role involves liaising with breeders on the Board of FTBA as well as the European authorities and federations, with whom he works as a member of the EFTBA Veterinary Committee. Current challenges include a major 5-year genomics programme, as well as topical health issues such as viral arteritis, the threat of West Nile disease and vaccination programmes against influenza and rhinopneumonitis.

In his spare time, Guillaume enjoys sailing, gastronomy and Brittany, not forgetting rugby and his many exchanges with Dr Des Leadon on this subject!



Sue McDonnell PhD CAAB
Head, Equine Behavior Program

Dr. Sue McDonnell is a board-certified applied animal behaviour specialist, who has spent her entire career working with horses within the Section of Reproduction and Behaviour at Penn Vet's New Bolton Center.

Her graduate education includes masters in human and comparative psychology, ethology, and PhD in animal physiology and behaviour. Her postdoctoral training was in clinical stallion reproduction under the mentorship of Dr. Robert Kenney of the University of Pennsylvania. The

central theme of her 40 years of research, clinical service, and teaching has been equine reproductive physiology and behaviour. She consults internationally on stallion behaviour, including sexual behaviours dysfunction, stallion handling and safety, as well as stallion management and welfare.

She has been honoured with AAEP's George Stubbs Award for contributions to equine veterinary medicine by a non-veterinarian and honorary membership to the American College of Theriogenologists.



Dr. Emma Adam, BVetMed, PhD, MRCVS,
Assistant Professor, Gluck Equine Research Center,
University of Kentucky

Dr. Emma Adam, originally from Newmarket, has over 30 years of experience as a veterinarian spanning four countries and three continents as a primary and referral clinician. She is Board certified by the American College of Veterinary Internal Medicine (Texas A&M) and the American College of Veterinary Surgery (New Bolton Center, UPenn). She completed her PhD in 2016 at the University of Kentucky where she

now works as outreach, industry liaison and research faculty member.

Dr. Adam is a former American Association of Equine Practitioners (AAEP) Board member and AAEP-FDA Stem Cell Task Force. Currently she serves as Chair of the AAEP Member Engagement Committee, member of the AAEP Racing Committee Safety and Welfare Initiative, and the Horseracing Integrity and Safety Authority (HISA) Furosemide Advisory Committee. She recently completed a four-year term on the Grayson Jockey Club Research Advisory Committee and currently serves on the Horserace Betting Levy Board Veterinary Advisory Committee. She is also on the Board of Directors for the Kentucky Association of Equine Practitioners.

Her role at the Gluck includes collaborative research addressing industry issues that range from musculoskeletal injury, intra-articular medications, infectious and non-infectious causes of abortion, toxic Tall Fescue, and neonatal diseases with teams drawn from the University of Kentucky and other institutions in the US and abroad.

In her free time, she works on occasion with the Kentucky Horseracing Commission, enjoys all that Lexington has to offer with her Irishman partner who manages a Thoroughbred farm, her two mad terrier dogs, and riding her magnificent blue roan Quarter Horse, Waylon.