



Research & Dissemination

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The Horse Trust

- Ongoing value research funding commitment: £860,000
- Funded projects currently underway: 17
- Active dissemination:
 - ✓ TalkEquine webinars
 - ✓ #WeightoWin
 - ✓ Researcher profiles
 - ✓ Interactive webpages to improve accessibility of outcomes

Getting together

- Research oversight group being scoped to establish:
 - i. What research do we currently need
 - ii. How we minimise duplication
 - iii. What are the current available funding sources
 - iv. Why are there fewer funding applications and what does this mean for research in the longer term
- Collaborating on funding

HBLB

- £2.3m in its disease surveillance, veterinary science and education programme
 - Racing Foundation added £200,000 bringing the total to £2.5m for the year
 - Continuing Infectious Disease Surveillance Programmes
 - Funding:
 - a. 6 Major Research Projects
 - b. 4 Small Research Projects
 - c. 1 Research Scholarship
- } Details in next slides and <https://www.hblb.org.uk/release/708>
- HBLB recognises the valued contributions being made to ongoing work by our partners, the British European Breeders' Fund (BEBF), the Gerald Leigh Charitable Trust, The Racing Foundation and the Thoroughbred Breeders' Association (TBA).
 - Both the TBA and Racehorse Owners Association (ROA) contribute towards the essential Equine Infectious Disease Surveillance work
 - HBLB's Veterinary Advisory Committee (VAC) manage all ongoing work

Major Projects		Project Title
Prof Mandy Peffers	Liverpool	Development of an equine protein atlas to understand age-related diseases
Prof Pablo Murcia	Glasgow	Identifying outbreak-associated traits in equine influenza viruses
Ms Amie Wilson	Liverpool	Cerebrospinal fluid biomarkers of equine herpesvirus myeloencephalopathy
Prof Jose Vazquez-Boland	Edinburgh	Macrolide (multidrug)-resistant <i>Rhodococcus equi</i> (MDR-RE): tools for enhanced surveillance and rational control
Dr Debbie Guest	RVC	Integrating multi-omics to reveal the genetic risks underlying catastrophic fracture
Prof Jonathan Elliott	RVC	The role of the anti-inflammatory mediator, adiponectin in protecting against SIRS-induced organ damage with particular reference to sepsis-related laminitis

Small Projects		Project Title
Dr Ashley Roberts	Lincoln	Development of rapid stable-side tests to distinguish Equine herpesvirus, equine influenza and <i>Streptococcus equi</i> infections
Dr Sonia Gonzalez-Medina	Nottingham	Evaluation of acyl-carnitine profiling as a new tool to detect poor performance in Thoroughbreds
Dr Charlotte Maile	Surrey	Targeting mitochondrial dysfunction as a novel therapeutic target in Thoroughbred horses with recurrent exertional rhabdomyolysis (RER)
Dr Alison Talbot	Liverpool	Computed Tomographic evaluation of the percentage of tongue fat and angles of the soft palate and depth of the basihyoid bone in Thoroughbred racehorses in training that have dorsal displacement of the soft palate
Research Scholarship		Project Title
Prof Jane Hodgkinson	Liverpool	Identifying challenges and opportunities for sustainable parasite control in Thoroughbreds