

## Colloquium on Equine Reproduction

Saturday 30<sup>th</sup> October, 2010

9.00 AM – 4.30 PM

Gregynog Hall, Newtown Powys



Eminent speakers from academic and industry backgrounds present recent research, identify future directions and foster translational developments  
 An opportunity for discussion, generation and linking of new ideas and potential for synergistic collaborations between science and industry

Dr Sandra Wilsher	Prof Eytan R. Barnea, MD	Dr John Newcombe	Prof Robert Godke
The Paul Mellon Laboratory, Newmarket, UK	Society for Investigation of Early Pregnancy: New Jersey, USA	Equine Fertility Clinic, Warren House Farm, Brownhills, UK	School of Animal Sciences, Louisiana State University, USA
Placental structure and function in the mare: Fertile ground for future research	Early pregnancy mammalian phenomena that help shape pregnancy outcome: Translate novel human reproduction research to equine science	The need for scientific research to support the breeding industry	TBC

Also: Dr Jane Morrell, centrifugation techniques for sperm quality

For information and booking contact: Dr Debbie Nash, Institute of Biological, Environmental and Rural Sciences, Aberystwyth University; 01970 624471; [dmn@aber.ac.uk](mailto:dmn@aber.ac.uk)

**WHO should attend?** This program is designed for veterinarians, researchers, industry professionals (stallion/mare owners, stud managers, etc.), equine scientists, equine/animal/veterinary science lecturers, equine/animal/veterinary students.

**WHY should delegates attend?** This program is an opportunity for reproduction specialists, researchers and veterinarians to meet and hear the latest in research and development, discuss future opportunities and exchange valuable information. Participation in this colloquium will help create a centre of gravity for mammalian/equine reproduction specialists, researchers and veterinarians to create a synergetic network of contacts and collaborators. The colloquium will provide a unique platform for discussion between breeders, veterinarians and researchers to identify areas of research need with real value to the breeder.

**WHAT information is presented?** Presenters have been specially invited in areas of topical breeding practice and academic-level research with potential relevance to the breeder: recent advances in knowledge of human reproduction science can be exploited in equine clinical reproduction; overview of typical equine breeding practice in the 21<sup>st</sup> Century, identify areas for advancement in alliance with scientific research; updates on recent equine specific reproductive physiology (namely the embryo and the placenta) and the importance of continuing this research.

Each presentation will include time designated for discussion, enabling opportunity for developing and exchanging new ideas in light of the presentations; discussion of the translational aspects of research or techniques to breeders; foster new collaborations and contacts for fruitful advancements in equine reproduction science.

**WHERE does this go? Take-home message.** The goal of this colloquium is to identify new areas of research needed for both the breeder and the scientist to advance equine/mammalian clinical reproduction. Attendees will develop contacts and collaboration opportunities specific to the topics discussed and areas of need in the field of equine/mammalian reproduction.