

Pos-Doc position in Equine Veterinary offered at the Biotechnology Centre of Azores, University of Azores

The Biotechnology Centre of Azores from the University of Azores (CBA-UAç) offers a Pos-Doc position in Equine Veterinary medicine with the goal to follow an endangered population of autochthonous ponies – The Terceira Pony, from which the CBA-UAç owns a population of about 40 animals. Due to the reduced number of existing animals the Veterinarian should be responsible for the management and the well being of the herd by:

- Following up the reproductive cycle by means of ultra-sound, semen collection and artificial insemination;
- Rescuing of the breed by freezing semen and by embryo transfer and eventually embryo freezing;
- Making the genetic management of the herd to avoid high levels of inbreeding using information of molecular markers;
- Following up the breed to avoid osseous disorders (navicular disease and osteochondrosis) by XRs;
- Identify putative markers for male fertility.

This project is integrated in the research conducted in the CBA-UAç in equines and therefore applicants should also participate in the already undergoing projects:

- Conservation and characterization of the Graciosa Dwarf Donkey;
- Identification of QTLs for navicular disease and for osteochondrosis in the Lusitano breed;
- Identification of molecular markers for equine melanomas.

The project will be developed at the Biotechnology Centre of Azores-University of Azores, Terceira Island, Azores, Portugal. The Azores are an appealing region that favours a laid back life-style, with access to open door activities, such as golf, riding, nautical and other sports, as well as close contact with nature and a stunning landscape. The CBA-UAç has a fully equipped bus (portable XR, ultra-sound, endoscope, ...) to assist Veterinarians in field work and laboratories fully equipped for the good development of the project.

Applicants must hold a Ph.D. in equine veterinary medicine and have demonstrable expertise in equine reproduction or equine orthopaedics. The grant is of € 1750.00 per month free of taxation. The grant will be for a minimum period of 1 year and a maximum period of 3 years, annually renewed.

Applicants should send a CV, publications list and the names and contacts of two referees to the director of the CBA-UAç Prof. Artur da Câmara Machado (amachado@uac.pt) or send them by regular mail to: Biotechnology Centre of Azores, Department of Agriculture, University of Azores, Terra-Cha, 9701-851 Angra do Heroísmo, Portugal.