

Research Associate/Post-doctoral position

Skeletal Biology Group
Department of Veterinary Basic Sciences
Royal Veterinary College

Salary Range: up to £31,797 (plus London weighting)

Fixed Term appointment for 36 months.

A full-time research position is available in the Skeletal Biology Group at the Royal Veterinary College, London. The BBSRC funded project will examine the effects of ageing and growth on the mechanoadaptation of bones. The project will use detailed evaluation of the spatial changes in bone architecture and mass, as well as cellular responses that are induced by applied bone loading in vivo. The project is part of ongoing collaboration with the Dept of Bioengineering at Imperial College London and integrates parallel evaluation of mechanics and modelling of skeletal responses to load during growth and aging. The project funds a post-doc at each institution working closely together. The post-doc at the RVC will focus on characterising the biological basis of these adaptive responses in murine bones.

Candidates should have a PhD in related fields and previous experience in mechanobiology and tissue based histomorphometric/immunochemical analyses of skeletal biology. A solid biological training is important. The candidate should have an academic record of scientific excellence, independent research, and a strong interest in an interdisciplinary approach to research.

Start date: February 1st, 2012.

Please direct informal approaches to: Professor Andrew Pitsillides, Department of Veterinary Basic Sciences, Royal Veterinary College, London, NW1 0TU, UK
Email: apitsill@rvc.ac.uk. Tel: +44 (0)20 7468 5245).

Closing date for applications: 9th January 2012

Interviews are likely to take place in week of 16th January, 2012

The RVC is committed to Equality of Opportunity and Diversity