



**Post-Doctoral Research Associate
Department of Veterinary Basic Sciences**

Applications are invited for a full-time Post-Doctoral Research Associate within the department of Veterinary Basic Sciences at the Royal Veterinary College, Camden town, London.

This is a 2 years, fixed term post, funded by the Wellcome Trust.

The project will investigate the role of AMP kinase (AMPK) signalling in skeletal physiology. The objectives are to identify the metabolic activators of AMPK in bone cells, to determine whether AMPK activity is involved in bone cell differentiation and function, and to establish whether AMPK signalling mediates the effects of antidiabetic drugs on bone cells. The position will involve cell cultures, *in vivo* experiments in rat, molecular and cellular biology techniques, as well as bone histology and micro-CT analysis.

We are seeking a highly motivated researcher with a PhD in biological or biomedical science with experience in cell/molecular biology.

The salary is on the Universities' Research Grade 6 pt23 (£ 29,018 per annum) with an additional £2,323 London Allowance.

Prospective applicants are encouraged to contact Dr Chantal Chenu (email: cchenu@rvc.ac.uk; tel: (44) 20 7468 5045).

Closing date for applications: Friday 25th June 2010

Starting date: 1st September, 2010

Interviews are likely to take place on July 19th 2010.

The RVC is committed to Equality of Opportunity and Diversity