

Postdoctoral Fellow - Parasite Genomics Salary range: GBP 30202 to GBP 37860 per annum plus excellent benefits. We are seeking to recruit an enthusiastic and ambitious Postdoctoral Fellow to play a leading role in a large, collaborative project using genomic approaches to understand the genetics of anthelmintic drug resistance in

Haemonchus contortus

and

Teladorsagia circumcincta

, the most important gastrointestinal nematode parasites of small ruminants. The post is funded by BBSRC, and will be for 3 years in the first instance, with the possibility of extension for an additional 2 years. Key aspects of the role are the analysis and interpretation of whole genome resequencing data from a genetic cross, of populations of worms from UK farms, and of individual worms from the same populations. The role will also include working with colleagues to produce a reference genome for

T. circumcincta.

The project aims to leverage the understanding of anthelmintic resistance we gain to develop practical guidance for on-farm management, and so will involve collaboration with vets, parasitologists, modelers and economists (

<https://bugconsortium.wordpress.com>

). Strong candidates will need excellent communication and organizational skills, as explaining the results of genomic analyses to these professionals in an accurate but accessible way will be critical. The post will be based with the parasite genomics group, a diverse and collaborative research environment, and the institute has unparalleled resources and expertise available to support genomic research. This post is fixed-term for 3 years in the first instance, possible extension to 5 years.

Closing date for applications is: 29th March 2015.

Please see

<http://tinyurl.com/q3v8wzw>

for further details and to apply James Cotton Senior Scientist Wellcome Trust Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridge. CB10 1SA UK

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