



UNIVERSITY OF
LIVERPOOL

PhD at the University of Liverpool

Institute of Infection, Veterinary and Ecological Sciences

Preventing contagious ovine digital dermatitis: Characterisation of bacterial pathogens and development of disease control measures to prevent transmission in sheep.

- Biotechnology and Biological Sciences Research Council (BBSRC) PhD funded for 4 years.
- Funding will cover tuition fees, a Research Training and Support Grant (RTSG) and stipend.
- UK and international candidates are welcome to apply
- Closing date 10th January 2022
- Informal enquiries may be made to jsduncan@liverpool.ac.uk

Project Details

The aim of this project is to inform and devise effective biosecurity control methods for prevention of between and within farm transmission of CODD. This will be achieved through molecular characterisation of the key bacterial pathogens and microbiome analysis. The project will also involve designing and implementing a series on farm clinical trials to test therapeutic interventions. The student will gain experience with molecular biologists, pathologists, epidemiologists and veterinary surgeons and develop skills in the laboratory, in bio-informatics and on farm research. This diverse project will provide the student with the opportunity not only to understand disease processes at the molecular level but also apply that knowledge to devise and implement practical solutions. The project is also supported by an industry partner and training will also be provided in relevant aspects

Full details and application process

<https://www.findaphd.com/phds/project/preventing-contagious-ovine-digital-dermatitis-characterisation-of-bacterial-pathogens-and-development-of-disease-control-measures-to-prevent-transmission-in-sheep/?p137639>