



Part time PhD studentship

Nanoscale tissue imaging:

Understanding hepatitis E virus and PRRSV infection

Soft x-ray microscopy is a novel technology which visualises cells in exquisite detail, but it has not been applied to whole tissues. This ERC Synergy Project, *NanoX*, will change that. Focusing on hepatitis E virus, an emerging zoonotic threat, and co-infection with porcine reproductive and respiratory disease virus (PRRSV), will allow us to visualise tissues at an unprecedented level, a crucial step for understanding the mechanisms of disease.

We are seeking an enthusiastic individual, with a veterinary degree and interest in One Health, to join our team at UCD's Veterinary Sciences Centre. The project is fully funded for 6 years part-time (stipend and fees covered). There is the option to combine the studentship with a Teaching Fellowship at the Veterinary Sciences centre, creating a full-time position for the right candidate. See <https://www.ucd.ie/workatucd/jobs/>, vacancy ref. 018929.

Applications and informal enquiries should be directed to Dr. Nicola Fletcher at the Veterinary Sciences Centre, UCD (nicola.fletcher@ucd.ie). Please submit a CV and letter of motivation with applications. **Please apply separately for the Teaching Assistant position**, <https://www.ucd.ie/workatucd/jobs/> and search for vacancy ref. 018929. **Closing date 12 noon on 31st October 2025.**