

Research Assistant

Applications are invited for an experienced Research Assistant position in the area of Signal Transduction. The overall research theme covers different facets of infection, inflammatory injury and innate immune response. The particular focus is on the regulation and functions of redox signaling, ROS as second messengers and regulatory networks governed by GTPases. The research methods span from elucidation of basic principles regulating intracellular signaling to complex cellular systems and animal models.

Expertise in small animal work (genotyping, cell isolation, tissue harvest), primary cell culture, general methods in Biochemistry and Molecular Biology (immunoblotting, affinity purification, qPCR, cloning), FACS and microscopy is required. Knowledge in three-dimensional cell culture systems and signal transduction aspects is desirable. The position requires laboratory management abilities as well as interest in semi-independent project/assay development. We are looking for a motivated, highly organized and team-oriented individual. Strong communication skills and the ability to work within a dynamic group on multiple projects are essential.

Supervisor: Dr. Ulla Knaus

Application procedure:

The research will be conducted in the Conway Institute of Biomolecular and Biomedical Research at UCD, Dublin, Ireland. This 3-year term position is will commence January 2009 (flexible). For more information **URL:** <http://www.scripps.edu/imm/knaus/> Please submit your CV and 2-3 references to Dr. Ulla Knaus (ulla.knaus@ucd.ie).