

PhD Studentships in Maynooth University Human Health Research Institute

Are you interested in pursuing a PhD in Human Health Research? Why not join us?

The Maynooth University Human Health Research Institute was formed in 2018. The mission of this Institute is to undertake research that contributes to solving important problems to improve human health on an individual, national and global scale. Translation to effective therapies and outcomes is achieved by working closely with industry partners, clinical partners and policy makers. The Maynooth University Human Health Research Institute hosts >40 research groups encapsulating some of the best basic and clinical health-related research in Ireland.

Applications are now invited for the first intake of PhD students in October 2019

Applications will be considered for the following research projects:

- **Project title:** Utilising proteomics-derived data in establishing predictive biomarker signatures to assist therapeutic decision-making in Multiple Myeloma
Supervisor: Dr Paul Dowling
Email: paul.dowling@mu.ie
- **Project title:** Photo-controlled Anion Transporters: Using Light to Disrupt Anion Homeostasis
Supervisor: Dr Rob Elmes
Email: robert.elmes@mu.ie
- **Project title:** Uncovering conserved nitric oxide/oxygen-dependent roles of the N-end rule pathway in innate immunity
Supervisor: Dr Emmanuelle Graciet
Email: Emmanuelle.Graciet@mu.ie

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- **Project title:** Evaluation of sleep alterations in a Parkinson's disease murine model
Supervisor: Dr Beverley Henley
Email: beverley.henley@mu.ie
- **Project title:** Development of a biosensor for the simultaneous measurement of choline and acetylcholine in the mammalian brain
Supervisor: Prof. John P. Lowry
Email: John.Lowry@mu.ie
- **Project title:** MiR-155 regulation of epithelial barrier integrity to limit allergic oesophageal inflammation
Supervisor: Dr Joanne Masterson
Email: Joanne.Masterson@mu.ie
- **Project title:** Mass spectrometry-based proteomic identification of novel biomarkers associated with impaired skeletal muscle, heart, brain, liver, kidney and pancreas metabolism in muscular dystrophy
Supervisor: Prof. Kay Ohlendieck
Email: kay.ohlendieck@mu.ie
- **Project title:** Analysis of antimicrobial resistance in private water drinking supplies and identification of novel treatments **(funded by Maynooth University in partnership with Environmental Protection Agency)**
Supervisor: Dr Fiona Walsh
Email: Fiona.walsh@mu.ie

Whilst a key aspiration of the 4 year programme is advancement of knowledge through research, it is also underpinned by structured training in generic and transferable skills.

Eligibility: Graduates in the Life Sciences or related areas (1st or upper 2nd class honours degree)

Stipend: € 16,000 per year plus fees

Application Procedure: e-mail CV and contact details for 2 referees to [the contact Supervisor indicated for the relevant research project](#)

Deadline: Midnight 19th July 2019

Further details: Contact Prof. Paul Moynagh (Paul.Moynagh@mu.ie), Director Maynooth University Human Health Research Institute.