



UCD School of Medicine
Scoil an Leighis UCD

Cancer Research MSc

Location: School of Medicine, University College Dublin

Studentship summary

Applications are invited for an MSc studentship starting in Autumn 2025 from candidates with a bachelor's degree in biological sciences or related discipline.

The project

Clear cell renal cell carcinoma (ccRCC) is the most common form of kidney cancer. The project will investigate if targeting a cell stress pathway called the unfolded protein response may be effective in killing clear cell renal cell carcinoma (ccRCC) cells. The project will use cell and molecular biology approaches such as PCR, western blot, colony formation assays and MTT assays to investigate the impact of modulating the unfolded protein response in ccRCC.

Duties and responsibilities

- Complete experiments in a timely and efficient manner using cell and molecular biology approaches
- To conduct and plan own scientific work with appropriate supervision
- Contribute to the design of future experiments
- Be organised and maintain excellent records of experimental work
- Accurately analyse data generated
- Engage in appropriate training and professional development activities

- Contribute to dissemination of project results
- Assist and support other group members with their research activities and contribute to running of the lab

Requirements

Essential:

- BSc in biochemistry, cell biology or related a science discipline
- Self-motivated with the ability to work independently
- Excellent communication, interpersonal and organisational skills combined with a proven ability to work well in a team and to develop collaborative relationships

Desirable:

- Previous experience in a research laboratory environment

How to apply

To apply please send a CV, a one-page personal statement, and the names and addresses of at least two academic referees to Dr. Claire Robinson (claire.robinson@ucd.ie).

Applications are due by **26 August 2025**.