



School of Pharmacy PhD Projects 2015/16

Project Title Investigating the role of CatV as a mediator of tumourigenesis

Supervisors Dr Roberta Burden and Dr Rich Williams

Description Cathepsin V (CatV) is a proteolytic enzyme that has been identified as a poor prognostic marker in breast cancers but the role this protein plays in tumourigenesis remains unknown. In this project, we aim to develop novel inhibitors targeting CatV in order to interrogate its role in key tumourigenic processes. The successful applicant will join the Burden and Williams research groups (Pharmacy and CCRCB, respectively).

Upon completion of this project, the applicant will have gained knowledge and experience in drug design and development. The successful applicant will graduate with skills that enables them to forge a career in either the academic or pharmaceutical sectors.

Contact Details

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How to Apply

Postgraduate applications should be made using Queen's Online:

<http://go.qub.ac.uk/pgapply>

Please note that there are two application processes: one for admission to the university and another for postgraduate awards.

Further Information

Additional information for prospective postgraduate students can be found on the School of Pharmacy website:

<http://www.qub.ac.uk/pha>

and the Queen's Postgraduate website:

<http://www.qub.ac.uk/home/ProspectiveStudents/PostgraduateStudents/>

Start Date October 2015

Keywords Protease, Medicinal chemistry, Tumourigenesis

