

RESEARCH INTERESTS

Cell Culture	miR-433	Chemoresistance
Cancer	Mitotic Arrest deficient (MAD2)	Platin
Ovarian Cancer	Cell cycle checkpoints	Taxane
microRNA	Senescence	Immunohistochemistry

PROFESSIONAL QUALIFICATIONS

Master of Pharmacy (MPharm), Queen's University, Belfast, Northern Ireland.

RESEARCH SUMMARY

Tara Byrne obtained her MPharm degree with 1st Class Hons from Queen's University, Belfast, Northern Ireland. She received a DEL- funded Scholarship and began her PhD studies in the area of high-grade serous ovarian cancer in October 2013. Her PhD research is entitled 'The investigation of a microRNA pathway of chemoresistance in high-grade serous ovarian cancer'. Her work involves bioinformatic analysis and validation of identified miR-433 targets, *in vitro* analysis of the microRNA regulated protein network of carboplatin resistance and the use of immunohistochemistry to determine microRNA target protein levels in order to evaluate correlation with survival in ovarian cancer. Tara is the School of Pharmacy representative on the Postgraduate forum and a STEM Ambassador. She is a member of the Pharmaceutical Society of Northern Ireland and the European Association for Cancer Research.