**Name:** Robert O'Connor

**Academic Record:** B.Sc. (Hons.) Pharmacology 1991. University College Dublin

Ph.D. Analytical Pharmacology1995. Dublin City University

Post Doctorate 1995-2000 National Cell and Tissue Culture Centre

**Current posts:**

* Lecturer in Biological Sciences, School of Nursing
* Senior Programme Leader, Translational Cancer Pharmacology, NICB
* University Biological Safety Advisor
* Chair, Translational DSSG ICORG (the Irish cancer clinical research organisation)

**Outputs**

Peer reviewed publications: **47**

Patents: **2**

Multi-centre Cancer Clinical Trials (as) co-PI: **3** completed, **2** currently accruing

Book chapters: **5**

International Conference Co-organised : **3**

Journal Editorial Advisor: **2**

Research posters (national and international): **60**

**Research and career focus**

* utilising pharmacological methods to increase cancer drug efficacy and understand resistance
* in so doing, develop hypotheses to better individualise the drug-based treatment of cancer
* and translate these hypotheses from lab to clinical studies and trials

**A selection of 5 recent publications**

Tyrosine kinase inhibitors potentiate the cytotoxicity of MDR-substrate anticancer agents independent of growth factor receptor status in lung cancer cell lines

Collins DM, Crown J, O'Donovan N, Devery A, O’Sullivan F, O’Driscoll, L, Clynes M, O’Connor R.

INVESTIGATIONAL NEW DRUGS Volume: 28 Issue: 4 Pages: 433-444 Published: AUG 2010

A Review of Mechanisms of Circumvention and Modulation of Chemotherapeutic Drug Resistance

R. O’Connor CURRENT CANCER DRUG TARGETS Vol 9 2009 Volume: 9 Issue: 3 Pages: 273-280 Published: MAY 2009

Drug metabolism-related genes as potential biomarkers: analysis of expression in normal and tumour breast tissue. Author(s): Martinez V, Kennedy S, Doolan P, Gammell P, Joyce H, Kenny E, Prakash Mehta J, Ryan E, O'Connor R, Crown J, Clynes M, O'Driscoll L. BREAST CANCER RESEARCH AND TREATMENT Volume: 110 Issue: 3 Pages: 521-530 AUG 2008

CYPIBI expression is induced by docetaxel: effect on cell viability and drug resistance

Martinez VG, O'Connor R, Liang Y, Clynes M. BRITISH JOURNAL OF CANCER Volume: 98 Issue: 3 Pages: 564-570 Published: FEB 12 2008

The pharmacology of cancer resistance

O'Connor R. ANTICANCER RESEARCH Volume: 27 Issue: 3A Pages: 1267-1272 Published: MAY-JUN 2007