PhD Studentship
Professor Peter Sadler FRS & Professor Peter O’Connor

PhD project: Extreme Performance Mass Spectrometry of Metallodrugs
Supervisors: Professor Peter Sadler FRS and Professor Peter O’Connor
Deadline: 30th June 2013

Project description:
A Warwick Collaborative Postgraduate Research PhD Scholarship is available from October 2013 in the groups led by Professor Peter Sadler FRS and Professor Pete O’Connor using ultra high resolution mass spectrometry to study the mechanism of action of organometallic and photoactivatable metal-based anticancer complexes. The projects will involve the purification and characterisation of adducts of metallodrugs with DNA, RNA, proteins and other cellular components and collaboration with Bruker Daltonics as part of the Warwick-Bruker Centre for Extreme Performance Mass Spectrometry (see http://www2.warwick.ac.uk/newsandevents/pressreleases/bruker_and_the/) in the EPSRC Warwick Centre for Analytical Science (http://www2.warwick.ac.uk/fac/sci/wcas).

Requirements:
Applicants should have (or be about to receive) an honours degree (at least II.1 or equivalent and a Master’s degree is preferred) in chemistry, or other relevant discipline, and should have an interest in coordination chemistry, medicinal chemistry and advanced physical techniques. These studentships provide funding only for UK/EU students.

How to apply:
To enquire or visit our laboratories email: p.j.sadler@warwick.ac.uk or p.oconnor@warwick.ac.uk

Please see our websites for more details of the research area:
http://www2.warwick.ac.uk/fac/sci/chemistry/research/sadler/
http://www2.warwick.ac.uk/fac/sci/chemistry/research/oconnor

Details on how to apply formally can be found at http://www.go.warwick.ac.uk/pgapply