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

**Project description:**
Two Warwick Collaborative Postgraduate Research PhD Scholarships are available from October 2012 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 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/](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](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/sadler/)  
[http://www2.warwick.ac.uk/fac/sci/chemistry/research/oconnor](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](http://www.go.warwick.ac.uk/pgapply)