

PRESS RELEASE

Student's work featured on the cover of top chemistry journal

***** Embargoed until 12 00am Thursday 1st March 2007*****

Today Adair Richards (24, PhD Student – University of Warwick) becomes one of the youngest ever authors to be featured on the cover of the leading European chemistry journal, *Chemical Society Reviews*. His article, written with Professor Alison Rodger, director of MOAC (Molecular Organisation and Assembly in Cells Doctoral Training Centre) describes the ways in which manmade metal-containing molecules can be designed to interact with the DNA found in human cells. This is the basis for many anti-cancer drugs as well as new types of antibiotics currently being developed to combat MRSA here at the University of Warwick.

Adair Richards said “This article will hopefully be the textbook for years to come for scientists aiming to understand how we can make molecules that interact with DNA in highly specific ways. It will provide a training ground for researchers designing new types of DNA-binding drugs to combat many serious illnesses such as cancer.”

Citation

Adair D. Richards & Alison Rodger (2007). Synthetic metallomolecules as agents for the control of DNA structure, *Chemical Society Reviews*, **36(3)**, 471-483.

Images

Attached to this document are a copy of the cover image for this article and a photograph of Adair Richards at work in the laboratory.

Additional background material

This article is featured on the inside front cover of the March edition of *Chemical Society Reviews*

(ref:<http://www.rsc.org/Publishing/Journals/cs/Article.asp?Type=CurrentIssue>). This is the leading European (number 2 worldwide) chemistry journal according to its impact factor of 13.75, the standard method for journal ranking

(ref:<http://portal.isiknowledge.com/portal.cgi?DestApp=JCR&Func=Frame>).

MOAC (ref:www.warwick.ac.uk/go/moac) is one of the first interdisciplinary science doctoral training centres in the country. Its aim is to train scientists to be able to work in all the life sciences disciplines (maths, biology, chemistry, physics and medicine) and bring a new breadth of knowledge and fresh approach to scientific research in the UK.

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