

PhD Stodenship:



New Transition Metal Catalysed Reaction of Allenes

Primary Supervisor: **Dr Maria Paz Muñoz-Herranz**
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Project Description:

The aim of this project is the discovery and development of new transition metal catalysed reactions involving allenes in the inter- and intramolecular version. Part of the project will be the mechanistic study of the new reactions by using isotopic labelling, kinetics, simulations and NMR techniques, and the application of the knowledge acquire to the synthesis and biosynthesis of Natural Products with potential biological activity.

Funding Status:

Competition Funded Project (UK Students Only)

Competition Funded Project (European Students Only)

Source of Funding: Funding may be available for UK/EU students. If funding is awarded for this project it will cover tuition fees and stipend for UK students. EU students may be eligible for full funding, or tuition fees only, depending on the funding source. International students will not be eligible for this funding however they are still welcome to apply for this project but would have to find alternative funding. Self funded students are also welcome to apply.

Application Deadline: 1 February 2012

Starting date: October 2012

Research Themes: Synthetic Chemistry; Physical and Analytical Chemistry

Acceptable First Degree: A minimum of a 2:1 in a relevant degree subject

Keywords: Organic Chemistry; Physical Chemistry; Synthetic Chemistry

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Or apply online at:

<http://ueasciweb.uea.ac.uk/Resproject/show.aspx?ID=43>