

RSC Bio-Organic Group Postgraduate Symposium

Manchester Institute of Biotechnology, University of Manchester

Thursday 11th April 2013

10:15	Registration, coffee, poster set-up
10:55	Welcome
11:00 – 12:30	<p>Sarah Lovelock (University of Manchester) <i>Anabaena variabilis</i> Phenylalanine Ammonia Lyase: An investigation into the catalytic mechanism and applications as a biocatalyst.</p> <p>Cristina Marculescu (University College London) The Development of a New Class of Maleimides as Reagents for Protein Modification</p> <p>Simge Davulcu (University of Bath) Catalytic conversion of unactivated nitriles into <i>N</i>-substituted amides</p> <p>Jon Ashley (National University of Singapore) Hybridised-SELEX: a capillary electrophoresis based method for maximising the number of aptamers screened</p>
12:30 – 13:40	Lunch, poster session
13:40 – 15:10	<p>Ryan Beattie (University of Bristol) A Versatile Synthetic Approach to Novel Deoxy Sugar Analogues</p> <p>Matthew Styles (University of Manchester) Tailoring Complex Natural Products by Altering the Biosynthetic Machinery that Builds Them</p> <p>Oscar Cascón (Cardiff University) Study of (+)-δ-cadinene synthase mechanism using farnesyl diphosphate analogues.</p> <p>John M. Wadsworth (University of Edinburgh) The natural product inhibitor myriocin displays a unique dual mode of action against serine palmitoyltransferase</p>
15:10 – 15:45	Coffee, poster session
15:45 – 16:30	<p>Plenary lecture: Prof. Nigel Scrutton, Manchester Institute of Biotechnology Addressing controversies in tunnelling and dynamics in enzyme catalysed H transfer</p>
16:30 – 17:15	Prizes, refreshments
17:30	Close

We are grateful to the following organisations for sponsoring this event:

