

Biohalogenation

Tuesday 13th June 2017

University of Strathclyde

Technology and Innovation Centre, 99 George Street, Glasgow, G1 1RD.

A One day meeting hosted by BioCatNet and IBioIC on enzymes that halogenate

FREE REGISTRATION

Rebecca Goss (University of St Andrews)

Deng Hai (University of Aberdeen)

Jason Micklefield (University of Manchester)

Cormac Murphy (University College Dublin)

David O'Hagan (University of St Andrews)

*'Flash' presentations from SME's are most welcome
(please contact the organisers)*



Selective halogenation is widely used for tuning the properties of high value bio-actives, particularly in the pharmaceuticals and agrochemicals sectors. In that context halogenation is achieved entirely by chemical methods, and such processes present environmental challenges. For these reasons biocatalytic methods for halogenation, although rare, are attractive. The meeting will review the current status of microbial halogenation and aims to stimulate discussion towards new technologies and potential applications in this area.

Registration is Free: <http://bit.ly/2qzU5Yg>

Please contact the organisers for catering numbers
Iona Hutchison, University of St Andrews

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Professor David O'Hagan, University of St Andrews
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Programme

Free Registration

10.00	Coffee and arrival
10.30 – 11.05	Jason Micklefield – University of Manchester <i>Exploiting Halogenase Enzymes: New Reaction Pathways via Enzymatic C-H Activation."</i>
11.05 – 11.40	Cormac Murphy – University College Dublin <i>Biofilms for organohalide biotransformation</i>
11.40 – 12.15	Deng Hai – University of Aberdeen <i>Fluorometabolites from terrestrial and marine organisms.</i>
12.15- 12.30	Short presentations
12.30 – 1.30	Lunch
1.30 – 1.45	Short presentations
1.45 – 2.20	Rebecca Goss – University of St Andrews <i>Novel broad specificity halogenases, and developing aqueous cross coupling methodologies.</i>
2.20 – 2.55	David O'Hagan – University of St Andrews <i>Enzymatic fluorination for positron emission tomography</i>
3.00pm	Close