



Biocatalysis: Challenges for Pharmaceuticals & Fine Chemicals

Thursday 14 October 2010
SCI HQ, London, UK

Organised by SCI's Fine Chemicals Group



- 10.15** Registration, refreshments and poster display
- 11.00** **Introduction and welcome**
- 11.05** **Cross-Linked Enzyme Aggregates (CLEAs) as industrial biocatalysts**
Prof Roger Sheldon, Delft University of Technology, The Netherlands
- 11.50** **A new chemoenzymatic approach to chiral (bicyclic [2.2.2]octan-2,5-diones and diene) ligands**
Dr Andy Carnell, University of Liverpool, UK
- 12.35** Lunch and poster display
- 13.35** **Biocatalysis: Present practice and future trends**
Dr Andy Wells, AstraZeneca, Charnwood, UK
- 14.20** **Scaling biocatalysis in the pharmaceutical industry**
Dr Roger Howard, Pfizer, Sandwich, UK
- 15.05** Refreshments and poster display
- 15.30** **Novel biocatalysis in process chemistry**
Dr Ian Fotheringham, Ingenza, UK
- 16.15** **Biocatalysis: Integration of chemistry and biotechnology to enable sustainable manufacturing solutions**
Dr Elise Meulenbroeks, DSM, Geleen, The Netherlands
- 17.00** **Closing remarks**

Please pass this flyer on to a colleague

Organisers

Paul Worthington, Syngenta

Alan Pettman, Pfizer



Synopsis

Biocatalysis has seen a renaissance in the Pharmaceutical industry.

Through recent innovations in enzyme evolution and high throughput screening; biocatalysis has seen a renaissance in the Pharmaceutical and Fine Chemical industries. Many myths and taboos associated with this technology are now being dispelled through exciting research and related industrial applications. This symposium provides an excellent opportunity for synthetic chemists working in both academia and industry to experience how biocatalysis is being applied to the design of chemical routes and processes for the synthesis of Pharmaceuticals, Agrochemicals & Fine Chemical intermediates. In addition, presentations from industrial researchers and key academics will provide delegates with an appreciation of the latest innovations in the use of biocatalysts.

Attendees

This event will appeal to scientists working in the area of biocatalysis but also to organic chemists wishing to gain a wider appreciation of how biocatalysts can be applied in their research work. For chemists working in industry, deepening the understanding of this technology will help in the discovery of new active molecules and the design of safer & greener manufacturing processes.

Posters

Offers of posters are invited. Delegates are strongly encouraged to submit early applications for poster, as numbers will be limited. Please send a one-page abstract to conferences@soci.org.

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