



Uptake Across the Leaf Cuticle and Skin

Thursday 22 November 2012
SCI HQ, London, UK

Organised by SCI's BioResources Group in Partnership with
the Skin Forum



- 09:50** Registration and refreshments
- 10:30 Uptake kinetics across the leaf cuticle**
Prof Markus Riederer, Wuerzburg University
- 11:10 Microscopy techniques for investigation of uptake mechanisms across the leaf cuticle and skin**
Dr Julian Moger, Exeter University
- 11:50 Formulation approaches to manipulating leaf uptake**
Dr David Stock, Syngenta
- 12:30** Lunch and networking
- 13:30 Modelling approaches to foliar uptake**
Dr Gordon Bell, Syngenta
- 14:10 Predicting chemical uptake into skin**
Prof Richard Guy, Bath University
- 14:50 Formulating at the interface**
Prof Jonathan Hadgraft, London School of Pharmacy
- 15:30** Refreshment break
- 16:00 Understanding the passage of molecules through human skin - a tissue engineered approach**
Dr Felicity Rose, Nottingham University
- 16:40 Safer natural derivatives for skin use and compatibility**
Prof Jian Lu, Manchester University

Organisers

Dr David Stock, Syngenta
Dr Majella Lane, London School of Pharmacy



Synopsis

This event will focus on similarities and differences in penetration mechanisms across the skin and leaf surface

Several years have passed since that last joint event to consider the similarities and differences in penetration mechanisms across the skin and leaf surface; the primary barriers to the environment in mammalian and plant systems respectively. In the intervening period it has become increasingly clear that there are many similarities in the mechanisms associated with penetration across barriers, and the potential approaches to solutions which are safe and cost effective. The purpose of this event is to determine the opportunities to gain understanding from our different approaches and to compare/contrast the visualisation and analytical techniques which are employed.

Attendees

This event is aimed at workers in both Industrial and Academic fields who are interested in transport across barriers, in particular skin and leaf surface. The event is focused on approaches to investigation and visualisation/understanding the phenomenon of penetration and its manipulation. In addition the need for safe formulation components will be covered. Bringing together a diverse pool of attendees interested in similar end-effects offers a unique networking opportunity. **5 BASIS points have been approved for this event.**

Partner



Information on SCI

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22 November 2012 @ SCI HQ, London, UK

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**SF denotes Skin Forum*

Membership number (if applicable).....

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