

Pre-BOS non clinical Workshop:
**"The Discovery/Early Development Interface
 - Challenges and Opportunities"**
Dr John Knight, Scientific Director, Scientific Update LLP
 21st September, 2009, Royal College of Physicians, London

Workshop Programme

Scientific Update LLP

14.00 – 14.45	<p align="center">Chemistry Scale-Up – Typical Pitfalls</p> <p>This discussion will consider some of the typical failings in processes as they are scaled up. During the session we will comment on the types of failure modes as well as comment on some aspects of safety and issues arising during technology transfer. The session will discuss the contents of the request for proposal and how that can help shape a project as well as briefly discuss some aspects of the solid state and options for salt/polymorph screening. The content will be of interest to anyone involved in transferring processes from laboratory to plant and between plants or CROs.</p>
14.45 – 15.15	<p align="center">Technology Transfer – Moving Chemistry From Discovery To Development</p> <p>This discussion focuses on the key contact points between discovery and development as a target material is moved from <1g up to 1-2kg, involving the use of pilot plant for at least a part of the chemistry programme. The content will be of interest to those transferring chemistry out of discovery as well as the recipients, whether they are an external CRO or internal development department.</p>
15.15 – 15.45	<p>Tea/Coffee Break</p>
15.45 – 16.30	<p align="center">Increasing Efficiency And The Impact Of Novel Technologies</p> <p>Over the last ten years, new technologies and automation have revolutionised the way in which chemical process research and development can be done. But just how readily has this been implemented on the shop floor - and has it led to genuine efficiency improvements? How do we balance quality and quantity in an R & D environment? How do we decide when (or whether) to invest in new route research?</p> <p>This discussion aims to explore a range of perspectives regarding efficiency in process R & D. The content of the session is widely applicable across the chemical industry, whether companies are engaged in identifying new routes, seeking process improvements to an existing route, aiming to gain a better understanding of existing processes to ensure greater control and reliability, or a combination of these.</p>
16.30 – 17.00	<p align="center">Life in a CRO</p> <p>This final discussion session of the afternoon is based on the speaker's experiences during 15 years' working in the CRO arena in process development and early scale-up and will aim to condense these experiences into what can be done in order to maximise the chances of success with some take home messages for both biotech and CRO stake holders.</p>
17.00	<p>Session Ends</p>

Scientific Update, established in 1989 by Dr. Trevor Laird, organises conferences and training courses for industrial chemists and chemical engineers in chemical development and scale-up and many other specialist topics in organic chemistry. We also provide extensive consultancy services in these fields and edit the international scientific journal entitled **Organic Process Research and Development (OPRD)**.

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"I enjoyed every minute of the meeting and I came away with many good contacts and a better knowledge for the field. It was a smashing meeting!"

Jim Petersen
Amgen, USA

"A very nice mix of technology, novelty, networking, business. Please go on!"

Christophe le Ret,
Umicore, Germany

"The course was helpful, the presenters were fantastic, extremely knowledgeable and easy to talk to"

Ashley Dumas,
Millenium, USA

We are working with BOS 2009 to provide this pre-event workshop For Price Information or to

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