



Course Organisers

Kevin Beaumont, *Pfizer, USA*

Local Organiser

Henk Timmerman, *VU University Amsterdam, NL*

Deadline for preregistration

September 15, 2012

Venue

Castle "Oud Poelgeest", Oegstgeest
(near Leiden), The Netherlands
Airport: Schiphol, Amsterdam

Contact

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6th Short Course on Medicinal Chemistry

IMPROVING COMPOUND QUALITY: PHYSICAL CHEMISTRY AND DMPK PROPERTIES IN DRUG DISCOVERY. PRINCIPLES, ASSAYS AND PREDICTIONS

October 21-24, 2012

This intensive course is intended for scientists working in the field, and the presentations will be given by senior scientists from industry. The number of participants will be limited to 35, to favour in depth discussion.

Course Outline

In modern drug discovery, it is important that the Medicinal Chemist understands how to balance potency and ADME properties in order to provide high quality compounds for progression to clinical studies. This short course will be a mixture of talks and worked exercises designed to further the understanding of DMPK.

The course will include: Outlines of the key DMPK in vitro assays: physicochemistry for ADME; Oral drug absorption; Fundamentals of drug distribution; drug metabolizing enzymes; drug transport proteins; basic PK principles and human PK prediction; PKPD relationships.



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