



Course Organisers

Christian Ottmann and Luc Brunsveld
TU Eindhoven, The Netherlands

Local Organiser

Henk Timmerman
VU University Amsterdam, The Netherlands

Date

April 12-15, 2015

Venue

Castle "Oud Poelgeest", Oegstgeest
(near Leiden), The Netherlands

Airport Schiphol, Amsterdam

Registration deadline

February 9, 2015

Fee € 1475,00 – Including accommodation, breakfast, coffee breaks, lunches and dinners during the 3 days of the conference.

Contact

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10th EFMC Short Course on Medicinal Chemistry

SMALL-MOLECULE MODULATION OF PROTEIN-PROTEIN INTERACTIONS (PPIs)

April 12-15, 2015

Oegstgeest, near Leiden, The Netherlands

EFMC Short Course on Medicinal Chemistry

Small-molecule modulation of Protein-Protein Interactions (PPIs)
This intensive course is intended for scientists with an interest in exploring the possibilities of targeting PPIs for drug discovery or chemical biology. The number of participants will be limited to 35 to assure interactive and in-depth discussions.

Course Outline

Protein-Protein Interactions (PPIs) lie at the heart of almost every physiological process and every disease. With a recently estimated number of 300,000 in humans, the possibilities for therapeutic intervention are significantly larger compared to 'classical' drug targets. While this potential is up to now largely untapped, some successful examples have shown that PPIs can be modulated by drug-like small molecules, natural products and peptides.

Specific features of PPIs as drug targets - in comparison to conventionally addressing e.g. enzymes - will be discussed, followed by a broad overview of the field, techniques to discover modulators of PPIs, and – in more detail - a number of case studies on successful PPI intervention will be presented. Speakers include a selection of top-scientists active in the field of PPI, from both industry and academia.



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