

GDCh- und Chemisches Kolloquium

Der GDCh-Ortsverband Oldenburg und das Institut für Reine und Angewandte Chemie der Carl von Ossietzky Universität Oldenburg laden zu einem Vortrag

von Dr. Christof Fattinger, Head Microtechnologies and Automation,
Firma Hoffmann-La Roche Ltd, Pharmaceuticals Division, Discovery
Enabling Sciences, Basel, Schweiz

zum Thema Miniaturized Arrayed Bioassays

herzlich ein.

Termin: **Donnerstag, den 18.05.2006, 17.00 Uhr c.t.**
Großer Hörsaal im Neubau der Naturwissenschaften,
Carl-von-Ossietzky-Straße 9-11

Einladender: GDCh-Ortsverband, der Vorsitzende

The advent of all the “-omics” disciplines in the life sciences is propelled by the desire to develop a holistic picture of the complex and interdependent processes in biological systems. The wish to understand biological phenomena in their entirety rather than as individual unrelated events is the motivation to observe large numbers of parameters under the influence of many different factors. In the pharmaceutical sciences these factors are the large numbers of molecular entities.

Miniaturization and parallel processing are key paradigms for the creation of knowledge the life sciences. However, the strategy of “smaller-is-better-is-cheaper” by itself seems to be too simple. Smart approaches are used to break down the different process steps for assays into optimized sub-processes. Each sub-process benefits from different strategies for miniaturization and parallelization, such that each sub-process and the whole process remain fairly simple while generating a vast diversity of information by intelligent nesting of the different processes.

GDCh-Ortsverband Oldenburg
Der Vorsitzende

Institut für Reine und Angewandte Chemie
Der Direktor



GESELLSCHAFT DEUTSCHER CHEMIKER E. V.
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