

# Einladung zum ZeSOB Kolloquium

Am Montag, **18. April 2016**, um **16:00 c.t.** spricht Herr

**Prof. Dr. Martin Posch**

(Center for Medical Statistics and Informatics  
Medical University of Vienna)

über

## **Multiplicity, Interim Analyses and Adaptations: Addressing Multiple Objectives in Clinical Trials**

Adaptive designs play an increasingly important role in clinical drug development. They use accumulating data of an ongoing trial to decide on modifications of different design aspects without undermining the validity and integrity of the trial. Several types of adaptations have been considered as early stopping for futility or success, sample size reassessment and change of population.

Particularly appealing applications are the use of adaptive designs in combined phase II/III studies with treatment selection at interim and adaptive enrichment designs where subgroups with a differential treatment effect can be selected and we discuss decision theoretic approaches to optimize adaptive enrichment designs based on utility functions. Finally, the application of multi-stage designs in high dimensional testing problems is investigated.

**Der Vortrag findet statt am Montag, 18. April 2016, um 16 Uhr c.t. im Seminarraum des Kompetenzzentrum für Klinische Studien der Universität Bremen, Linzer Straße 4, 28359 Bremen.**

**Alle Interessierten sind herzlich willkommen!**

(Einladungsvorschlag von Prof. Dr. Werner Brannath)