



Methodological Challenges in Biomedical Research

Symposium in Freiburg, Germany from 15th-16th of Oct. 2015

The symposium is intended to address current challenges that are supposed to strongly influence future developments in biostatistical methodology. International achievements and recent Freiburg contributions will be discussed covering topics relevant for clinical and epidemiological studies as well as for clinical decision making:

- **Statistical models for complex endpoint structures**
- **Dynamic prediction and its role in individualized/personalized medicine**
- **Linking molecular and clinical information**
- **Integrating biostatistics and bioinformatics approaches**

Invited presentations will be given by **Per Kragh Andersen (Copenhagen)**, **Jan Beyersmann (Ulm)**, **Harald Binder (Mainz)**, **Norman Breslow (Seattle)**, **Bianca De Stavola (London)**, **Thomas Gerds (Copenhagen)**, **Els Goetghebeur (Ghent)**, **Lisa McShane (Washington DC)** and others.

Further information including registration details will be published at

<http://www.imbi.uni-freiburg.de/symposium2015>



The symposium is held in conjunction with the final Course Week of the MEDIASRES Marie Curie Initial Training Network (EU Grant No 290025) on “**Novel Statistical Methodology for DIAgnostic/Prognostic and Therapeutic Studies and Systematic ReviewS”.**



www.mediasres-itn.eu

- Regression modelling
- Pharmacokinetic and pharmacodynamic modelling and adaptive design/dose finding
- Missing data
- Longitudinal data
- Time-to-event-data/multistate models
- Prediction

On **October 13th to 14th 2015**, the 14 MEDIASRES Ph.D. students from 7 academic institutions and 3 industry partners will present their work followed by an **interdisciplinary keynote lecture on the role of biostatistics for improving research in clinical epidemiology**.

Organized by IMBI Freiburg
Institute for Medical Biometry and Statistics
Medical Center – University of Freiburg

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