



MEDIASRES – Overall Achievements

Marie Curie Initial Training Network **MEDIASRES**: Novel Statistical **M**ethodology for **D**Iagnostic/Prognostic and Therapeutic **S**tudies and Systematic **R**eviews

Tuesday, October 13th Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7, Freiburg

14:00 – 14:10	Opening of the Meeting and Session Introduction by Martin Schumacher
14:10 – 14:40	Mia Klinton Grand: <i>Dynamic prediction of cumulative incidence functions by direct binomial regression</i>
14:40 – 15:10	Anna Bellach: <i>Competing risk regression on pseudo risk sets</i>
15:10 – 15:40	Sung Won Kim: <i>Joint modelling approaches for radiotherapy-related side effects occurring at multiple sites in patients with head and neck cancer</i>

Coffee

16:00 – 16:10	Session Introduction by MEDIASRES Supervisor
16:10 – 16:40	Anna Wiksten: <i>Network meta-analysis combining aggregated and individual patient data</i>
16:40 – 17:10	Matteo Quartagno: <i>Joint Modelling Multiple Imputation for Individual Patient Data Meta-Analyses</i>
17:10 – 17:40	Soheila Aghlmandi: <i>Choice of priors in rare-events meta-analysis</i>

Wednesday, October 14th Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7, Freiburg

09:00 – 09:10	Session Introduction by MEDIASRES Supervisor
09:10 – 09:40	Alexia Kakourou: <i>On the use of isotopic clustering in high-resolution mass spectrometry data</i>
09:40 – 10:10	Leyla Azarang: <i>Nonparametric estimation of transition probabilities in non-Markov multi-state models</i>

Coffee

10:30 – 10:40	Session Introduction by MEDIASRES Supervisor
10:40 – 11:10	Markus Lange: <i>Analysis and Design of clinical trials of biologics using dose-time-response models</i>
11:10 – 11:40	Corine Baayen: <i>A versatile adaptive dose-finding design based on multiple endpoints</i>
11:40 – 12:10	Ketil Biering Tvermosegaard: <i>Clinical trials with a pharmacodynamics endpoint</i>

12:10 – 13:10	Lunch at Foyer Virology, Hermann-Herder-Str. 11 (Building 15 on map)
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13:10 – 13:20	Session Introduction by MEDIASRES Supervisor
13:20 – 13:50	Hong Sun: <i>Subgroup analysis in confirmatory clinical trials</i>
13:50 – 14:20	Susanne Strohmeier: <i>Mediation analysis with time-to-event outcomes</i>
14:20 – 14:50	Federico Bonofiglio: <i>Meta-analysis of studies with competing risks outcomes</i>

Interdisciplinary keynote lecture (Wednesday, October 14th)

16:30 – 17:30	Get-Together at Foyer Otto-Krayer-House, Albertstr. 25 (Building 9 on the map)
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17:30 – 19:00	The role of biostatistics for improving research in clinical epidemiology Markus Löffler, Leipzig Lecture Hall, Otto-Krayer-House, Albertstr. 25 (Building 9 on the map)
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Thursday, October 15th Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7, Freiburg

Satellite Session

“Novel Statistical Methodology for Meta-Analysis of Diagnostic Accuracy Studies”

9:00 – 11:30	Dankmar Boehning (Southampton): <i>Modelling and choice of cut-off in meta-analysis of diagnostic studies with varying cut-off value</i> Oliver Kuss (Düsseldorf): <i>Statistical methods for the meta-analysis of full ROC curves</i> Gerta Rücker (Freiburg): <i>Multiple cut-offs per study allow to determine a summary ROC curve and an optimal cut-off in diagnostic test accuracy reviews</i>
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Symposium: Methodological Challenges in Biomedical Research

Thursday, October 15th Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7, Freiburg

11:30 – 12:30	Welcome Coffee, Snacks and Registration at Foyer Virology, Hermann-Herder-Str. 11 (Building 15 on map)
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12:30 – 12:40	Official Opening of the Symposium
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12:40 – 14:20	Development and assessment of prediction models Ruth Pfeiffer (Bethesda, US): <i>An efficient procedure to combine biomarkers with limits of detection for risk prediction</i> Thomas Gerds (Copenhagen, Denmark): <i>Hazards for the heart and a PIM for the soul</i>
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Coffee

14:40-16:20	Analysis of dynamic survival data Jan Beyersmann (Ulm, Germany): <i>Robust nonparametric estimation for multistate models</i> Per Kragh Andersen (Copenhagen, Denmark): <i>Pseudo-observations: A review</i>
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Coffee

16:40-18:20	Causal effects and dynamic prediction Els Goetghebeur (Ghent, Belgium): <i>On covariate selection for dynamic prediction and causal questions</i> Bianca De Stavola (London, UK): <i>Current issues in mediation analysis</i>
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19:00	Conference Evening at Peterhof Keller (Niemensstr. 10, building 11 on lower map) Tickets for 15 € can be bought at conference registration desk
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Friday, October 16th Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7, Freiburg

9:00 – 10:40	Freiburg Session Harriet Sommer: <i>The cure-death model - A new approach for a randomised clinical trial design to tackle antimicrobial resistance</i> Kristin Ohneberg: <i>Exposure density sampling: A promising approach of matching with respect to a rare time-dependent exposure</i> Nadine Binder: <i>Skimping on the number of follow-up visits? What's the bias and can we correct it?</i> Martin Wolkewitz: <i>A multi-state approach to unmask three common types of survival bias in a study about Tamiflu and mortality</i>
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Coffee

11:00 – 12:40	Non-standard problems in survival analysis Ørnulf Borgan (Oslo, Norway): <i>Nested case-control studies: should one break the matching?</i> Maria Grazia Valsecchi (Milano, Italy): <i>Survival analysis with time-dependent treatments</i>
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12:40 – 13:30	Lunch at Foyer Virology, Hermann-Herder-Str. 11 (Building 15 on map)
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13:30 – 15:10	Clinical relevance of omics-based predictors Harald Binder (Mainz, Germany): <i>Of mice and men: Integrating RNA-seq data for a translational perspective</i> Lisa M McShane (Bethesda, US): <i>Assessment of omics-based predictor readiness for use in a clinical trial</i>
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15:10 – 15:20	Closing remarks and Farewell (Martin Schumacher)
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Optional: Vineyard-Tour and wine-tasting on Friday afternoon, 5 p.m. – 9 p.m. (approx.) at Staatliches Weinbauinstitut Freiburg (Merzhauser Str. 119), please register via Email to symposium2015@imbi.uni-freiburg.de (limited number of places), Costs: 25 € per person

Optional: Black Forest Hike on Saturday starting at 10 a.m. at the Hauptbahnhof Freiburg

Registration desk and opening hours: Tuesday 13:15-14:00 in front of Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7 (Building 18), Thursday 11.00-12:30 at Foyer Virology, Hermann-Herder-Str. 11 (Building 15) and during Coffee Breaks in front of Lecture Hall Pharmaceutics, Hermann-Herder-Str. 7 (Building 18)