

FLORIAN LEOPOLD KLINGLMÜLLER

Personal Data

Date of Birth: Oct. 26, 1981
Nationality: Austria

Permanent Address

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EDUCATION

Master of Science, Technical Mathematics March 2008
Vienna University of Technology, Vienna - Austria
THESIS - Statistical Methods for Class Discovery and Analysis in Gene Expression Profiling Studies

Visiting Researcher, Harvard Medical School Apr. 2007 - Jun. 2007
Laboratory of Leo E. Otterbein

Exchange Student, Marmara University, Istanbul - Turkey Feb. 2006 - Jul. 2006

PROFESSIONAL EXPERIENCE

Medical University of Vienna, Vienna - Austria
Research Assistant, CEMSIIS - Section of Medical Statistics, Advisor: Martin Posch since Jan. 2009

- Multiple Testing Procedures
- Adaptive Designs
- Order restricted methods for high dimensional data.
- Microarray normalization procedures.
- Statistical consulting to several genetic research projects.

Statistical Consultant, CEMSIIS - Dep. for Biomedical Computersimulation and Bioinformatics Sep. 2008 - Oct 2009

- Planning and development of an online bioinformatics software platform.
- Statistical consulting to several genetic research projects.

Statistical Analyst, Clin. Inst. of Medical and Chemical Laboratory Diagnostics Dec. 2006 - Dec. 2008

- Statistical analyst at the DNA Microarray Facility of the Medical University of Vienna.
- Statistical Consulting to several genetic research projects.

Web - Tech Inc., Vienna - Austria Jun - Dec 2005
Systems Administrator

Niederthalheim Elementary School, Niederthalheim - Austria since Jun. 2005
Systems Administrator (Non-profit)

Foundation Open Society Institute, Skopje - Macedonia Jun. 2003 - Oct. 2004
Project Assistant - Education Department (Civilian Service)

COMPUTING SKILLS

Statistical Software: GNU R, Bioconductor, SPSS, Genespring, HelixTree;
Programming Languages: Python, C, Fortran, OCaml;
Other: LaTeX, Office, Debian GNU Linux Operating Systems;

PUBLICATIONS

- Graphical Approaches For Multiple Comparison Procedures Using Weighted Bonferroni, Simes, Or Parametric Tests - Bretz F, Posch M, Glimm E, **Klinglmueller F**, Maurer W, Rohmeyer K. - Biometrical Journal, 2011
- Cross Plattform Comparison Of Microarray Data Using Order Restricted Inference. - **Klinglmueller F**, Tuechler T, Posch M - Bioinformatics, 2011
- Microarray Analysis Identifies Distinct Gene Expression Profiles Associated With Histological Subtype In Human Osteosarcoma. - Kubista B, **Klinglmueller F**, Bilban M, Pfeiffer M, Lass R, Giurea A, Funovics PT, Toma C, Dominkus M, Kotz R, Thalhammer T, Trieb K, Zettl T, Singer CF - Int. Orthop., 2011
- Identification of novel trophoblast invasion-related genes: Heme oxygenase1 controls motility via PPAR γ Bilban M, Haslinger P, Prast J, **Klinglmüller F**, Woelfel T, Haider S, Sachs A, Otterbein LE, Desoye G, Hiden G, Wagner O and Knöfler M Endocrinology, 2008

SELECTED TALKS

- Weighted Adaptive Closed Tests for Clinical Trials Testing Complex Multiple Hypotheses. Klinglmueller F, Koenig F, Posch M. - JSM, San Diego, USA
- Testing primary and secondary endpoints in adaptive designs with sample size reassessment for promising interim results. Klinglmueller F. - Adaptive Design and Multiple Testing Workshop, Heidelberg, Germany
- Adapting the graph - Flexible tests for clinical trials with complex multiple hypotheses. Klinglmueller F, Koenig F, Posch M. - Special Seminar, Dep. Biostatistics, Harvard School of Public Health, Boston, USA, September 2011
- A graphical approach for adaptive clinical trials testing multiple hypotheses. Klinglmueller F, Koenig F, Posch M. - MCP, Washington DC, USA, August 2011
- Cross Platform Comparison Of High-Throughput Genetic Measurements Using Order Restricted Inference. Klinglmueller F, Tuechler T, Posch M. - EMS, Athens, Greece, August 2010
- Best Practices For Microarray Data - Some Results From Recent Technology Validation Attempts. Klinglmueller F, Tuechler T, Posch M - Linz, Austria, September 2009
- EMERALD microarray platform comparison based on hypothesis tests under order restrictions. Klinglmueller F, Tuechler T - CAMDA, Vienna, Austria, November 2008

Software

- gMCP - graphical approaches for Multiple Comparison Procedures - *GNU R* - package
<http://cran.r-project.org/web/packages/gMCP/>
- orQA - order restricted Quality Assessment of DNA microarray data - *GNU R* - package
<http://cran.r-project.org/web/packages/orQA/>

TEACHING

Graphical Approaches for Multiple Comparison Procedures - 1 Day Shortcourse,
Cytel Inc., Cambridge, USA, September 2011

Biostatistics for Medical Students - Computerlab,
Medical University of Vienna, Vienna, Austria, 2010-2012

Methods in Medical Sciences: High-throughput technologies - Seminar,
Medical University of Vienna, Vienna, Austria, 2009

INTERESTS

Music, photography, water polo, cycling, cooking