

5th Methods and Techniques Lectures
a joint seminar of the SFB 766 Bacterial Cell Envelope,
the GRK 1708 Bacterial Survival Strategies and
the Interfaculty Graduate School of Infection Biology and
Microbiology (IGIM)

**We cordially invite you to our Methods and Techniques Day
on 17. November 2015, 9–17 h
Auf der Morgenstelle 3, Lecture hall N11**

Program: 17th November 2015

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| | | 14:00-15:00 | Prof. Dr. Michael Schindler - Institut für Medizinische Virologie und Epidemiologie der Viruskrankheiten, UKT <i>FRET and FACS analysis of protein-protein interactions</i> |
| 09:00-10:30 | Dr. Thirumalaisamy P Velavan – Institute of Tropical Medicine <i>Basic Biostatistics I</i> | | |
| 10:30-10:45 | <i>Coffee-Break</i> | 15:00-15:20 | <i>Coffee-Break</i> |
| 10:45-12:15 | Dr. Thirumalaisamy P Velavan – Institute of Tropical Medicine <i>Basic Biostatistics II</i> | 15:20-16:00 | Prof. Dr. Christoph Mayer – Institute of Microbiology and Biotechnology - IMIT <i>State-of-the-art cell wall and sugar analytic techniques</i> |
| 12:15-13:00 | <i>Lunch-Break</i> | 16:00-16:40 | Vet. Dir. Dr. med. vet. Franz Iglauer - Tierschutzbeauftragter der Universität Tübingen <i>Tiere im Dienst der Wissenschaft - Überblick über Voraussetzungen und notwendige Qualifikationen sowie Grundsätze des Tierschutzes in der Forschung</i> |
| 13:00-13:30 | Dr. Filipp Osterhelt - Microbial Bioactive Compounds – IMIT <i>Super resolution fluorescence and time lapse microscope – visualization of substructures in living bacteria over time.</i> | | |
| 13:30-14:00 | Dr. Filipp Osterhelt - Microbial Bioactive Compounds – IMIT <i>Identifying and quantifying interactions between bacteria and host cells through AFM - Atomic force microscopy</i> | | <i>Farewell</i> |

Workshop Announcement:
Scientific image processing and analysis basic course (biovoxel)

