

# Organisation Chart



## Project section A:

**Bacterial cell envelope: Syntheses, structures and functions**

**A02:** Control and Activity of the *Streptomyces* Spore Wall Synthesizing Complex (SSSC)

**Group Leader:**

Prof. Dr. Wolfgang Wohlleben 29-76944

[wolfgang.wohlleben@biotech.uni-tuebingen.de](mailto:wolfgang.wohlleben@biotech.uni-tuebingen.de)

Dr. Günther Muth 29-74637

[guenther.muth@biotech.uni-tuebingen.de](mailto:guenther.muth@biotech.uni-tuebingen.de)

**A03:** Self-resistance mechanisms of actinomycetes producing antibiotics targeting peptidoglycan biosynthesis

**Group Leader:** PD. Dr. Efthimia Stegmann 29-78840

[evi.stegmann@biotech.uni-tuebingen.de](mailto:evi.stegmann@biotech.uni-tuebingen.de)

**A06:** Excretion of cytoplasmic proteins (ECP) in *Staphylococcus*

**Group Leader:** Prof. Dr. Friedrich Götz 29-74128

[friedrich.goetz@uni-tuebingen.de](mailto:friedrich.goetz@uni-tuebingen.de)

**A07:** Bistable expression of secondary cell wall glycopolymer biosynthesis genes: underlying mechanism and impact on virulence

**Group Leader:** Prof. Dr. Christiane Wolz 29-80187

[christiane.wolz@med.uni-tuebingen.de](mailto:christiane.wolz@med.uni-tuebingen.de)

Dr. Christopher Weidenmaier 29-81526

[christopher.weidenmaier@med.uni-tuebingen.de](mailto:christopher.weidenmaier@med.uni-tuebingen.de)

**A08:** Phospholipid synthesis and translocation by bacterial UPF0104 proteins

**Group Leader:** Prof. Dr. Andreas Peschel 29-75935

[andreas.peschel@uni-tuebingen.de](mailto:andreas.peschel@uni-tuebingen.de)

**A11:** Structure and biogenesis of cell-cell junctions in multicellular cyanobacteria

**Group Leader:** Prof. Dr. Karl Forchhammer 29-78846

[karl.forchhammer@uni-tuebingen.de](mailto:karl.forchhammer@uni-tuebingen.de)

PD Dr. Iris Maldener 29-78847

[iris.maldener@uni-tuebingen.de](mailto:iris.maldener@uni-tuebingen.de)

**A12:** Cell-wall associated enzyme inhibitors of MraY and Spase: Mode of action studies

**Group Leader:** Prof. Dr. Stephanie Grond 29-72060

[stephanie.grond@uni-tuebingen.de](mailto:stephanie.grond@uni-tuebingen.de)

PD Dr. Bertolt Gust 29-75483

[bertolt.gust@uni-tuebingen.de](mailto:bertolt.gust@uni-tuebingen.de)

**A13:** Elucidation of the unique conjugative DNA-translocation machinery of mycelial streptomycetes by biochemical analysis and real time imaging

**Group Leader:** Dr. Günther Muth 29-74637

[gmuth@biotech.uni-tuebingen.de](mailto:gmuth@biotech.uni-tuebingen.de)

**A15:** Turnover and recycling of the peptidoglycan-teichoic acid complex of Gram-positive cell wall

**Group Leader:** Prof. Dr. Christoph Mayer 29-74645

[christoph.mayer@uni-tuebingen.de](mailto:christoph.mayer@uni-tuebingen.de)

**A16:** The role of Type I Secretion Systems (T1SS) in formation of the heterocyst specific cell wall

**Group Leader:** PD Dr. Iris Maldener 29-78847

[iris.maldener@uni-tuebingen.de](mailto:iris.maldener@uni-tuebingen.de)

**A17:** Spatiotemporal organization of peptidoglycan synthesis and cell division

**Group Leader:** Dr. Peter Sass, 29-74721;

[peter.sass@uni-tuebingen.de](mailto:peter.sass@uni-tuebingen.de)

Prof. Dr. Heike Brötz-Oesterhelt 29-74706

[heike.broetzoesterhelt@uni-tuebingen.de](mailto:heike.broetzoesterhelt@uni-tuebingen.de)

## Project section B:

**Host-Pathogen-Interactions**

**B01:** Biogenesis of autotransporter adhesins of enteropathogenic Gram-negative bacteria

**Group Leader:**

Dr. Monika Schütz 29-81527

[monika.schuetz@med.uni-tuebingen.de](mailto:monika.schuetz@med.uni-tuebingen.de)

**B04:** Structure and evolution of protein fibers at the bacterial cell surface

**Group Leader:**

Prof. Dr. Andrei Lupas 601-340

[andrei.lupas@tuebingen.mpg.de](mailto:andrei.lupas@tuebingen.mpg.de),

Dr. Birte Hernandez-Alvarez 601-458

[birte.hernandez@tuebingen.mpg.de](mailto:birte.hernandez@tuebingen.mpg.de)

**B07:** Bacterial effector-mediated interference with PGN-perception in plants

**Group Leader:** Dr. Andrea Gust 29-76655

[andrea.gust@zmbp.uni-tuebingen.de](mailto:andrea.gust@zmbp.uni-tuebingen.de)

**B08:** Transmembrane Signaling in Bacterial Adenylate Cyclases

**Group Leader:** Prof. Dr. Joachim Schultz 29-72475

[joachim.schultz@uni-tuebingen.de](mailto:joachim.schultz@uni-tuebingen.de)

**B11:** Biogenesis of outer membrane proteins in evolutionary context

**Group Leader:** Prof. Dr. Doron Rapaport 29-74184

[doron.rapaport@uni-tuebingen.de](mailto:doron.rapaport@uni-tuebingen.de)

**B14:** Analysis of the assembly of bacterial type III secretion systems

**Group Leader:** Jun.-Prof. Dr. Samuel Wagner

29-84238 [samuel.wagner@med.uni-tuebingen.de](mailto:samuel.wagner@med.uni-tuebingen.de)

**B15:** Analysis of adherence mechanisms to host cells promoting T3SS-mediated toxin injection

**Group Leader:**

Prof. Dr. Ingo Autenrieth 29-82351

[ingo.autenrieth@med.uni-tuebingen.de](mailto:ingo.autenrieth@med.uni-tuebingen.de)

Dr. Filipp Oesterhelt 29-74722

[filipp.oesterhelt@uni-tuebingen.de](mailto:filipp.oesterhelt@uni-tuebingen.de)

**B16:** Mechanisms governing polar localization and assembly of the host cell targeting type VI secretion system

**Group Leader:** Dr. Sandra Schwarz 29-81515

[sandra.schwarz@med.uni-tuebingen.de](mailto:sandra.schwarz@med.uni-tuebingen.de)

## Project section C:

**Central Functions**

**Z01:** Administration

**Coordinator:**

Prof. Dr. Wolfgang Wohlleben 29-76944

[wolfgang.wohlleben@biotech.uni-tuebingen.de](mailto:wolfgang.wohlleben@biotech.uni-tuebingen.de)

[wolfgang.wohlleben@biotech.uni-tuebingen.de](mailto:wolfgang.wohlleben@biotech.uni-tuebingen.de)

SFB-Office: Dr. Regina Grupp 29-76484

[regina.grupp@uni-tuebingen.de](mailto:regina.grupp@uni-tuebingen.de)

**Z02:** Cell wall analysis

Prof. Dr. Thilo Stehle 29-73043

[thilo.stehle@uni-tuebingen.de](mailto:thilo.stehle@uni-tuebingen.de)

Prof. Dr. Boris Macek 29-70558

[boris.macek@uni-tuebingen.de](mailto:boris.macek@uni-tuebingen.de)

## Executive Board / Speaker

**Speaker:** Prof. Dr. Wolfgang Wohlleben

**Vize-Speaker:** Prof. Dr. Stephanie Grond

**Dekan:** Prof. Dr. Ingo Autenrieth

## Extended Executive Board /

### Divisional Head

**Project Section A:** Prof. Dr. Christiane Wolz

**Project Section B:** Prof. Dr. Doron Rapaport