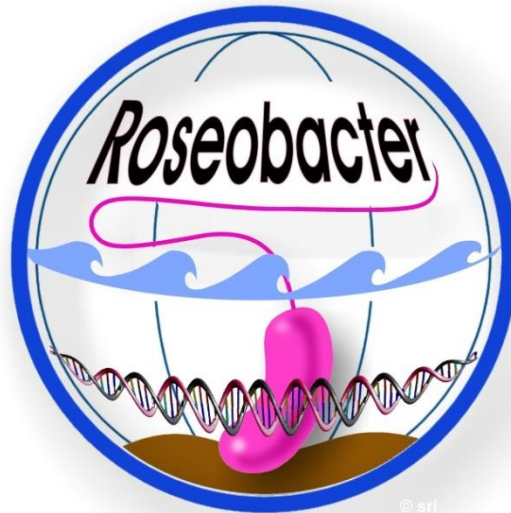


Transregional Collaborative Research Centre (TRR 51)

**Ecology, Physiology and Molecular Biology of the *Roseobacter* clade:
Towards a Systems Biology Understanding of a
Globally Important Clade of Marine Bacteria**



10th Status Seminar

Agenda

Date: 7.-8. May 2015

Time: Start 11:00

Venue: Alter Landtag zu Oldenburg,
Theodor-Tantzen-Platz 8,
26122 Oldenburg

Organisers: Ferdinand Esser, Meinhard Simon (ICBM, Oldenburg)

Purpose: Progress report of the last year

Contact: M. Simon (m.simon@icbm.de),
F. Esser (ferdinand.esser@uni-oldenburg.de)

Programme

7 May 2015 Thursday

Time	Subject	Speaker
11:00-11:15	Welcome and Introduction	M. Simon
11:15-11:45	Phylogenetic and physiological diversity of epiphytic <i>Rhodobacteraceae</i> bacteria on the marine brown alga <i>Fucus spiralis</i> (B2)	Marco Dogs, Thorsten Brinkhoff
11:45-12:15	Growth control by plasmids in <i>Phaeobacter inhibens</i> DSM 17395 (C1, C3)	Kathleen Trautwein Sabine Will
12:15-12:45	Newly identified osmoprotectants in <i>Dinoroseobacter shibae</i> (C3)	Sarah Kleist
12:45-14:15	Lunch	
14:15-15:15	Short presentations of poster talks, 5 min per poster	see attached list
15:15-16:15	Poster session	
16:15-16:45	Coffee Break	
	Discussion groups	
16:45-18:15	<ol style="list-style-type: none"> 1. 6th plasmid and anaerobic metabolism of <i>D. shibae</i> 2. Secondary metabolites 3. Phylogenomics of Rhodobacteraceae 	Jürgen Tomasch Martine Berger Markus Göker and others
18:30-20:00	Dinner (Cafeteria Alter Landtag)	
20:15-22:00	Small discussion groups and informal get together	

8 May 2015 Friday

Time	Subject	Speaker
08:45-09:00	arriving	
09:00-09:30	Present state of the transposon mutant library (A5)	Pascal Bartling, Jörn Petersen
09:30-10:00	Secondary metabolites of <i>Roseobacter</i> clade bacteria and their biological activity (C2)	Lisa Ziesche, Stefan Schulz
10:00-10:30	Ecology and genomics of the pelagic <i>Roseobacter</i> clade subcluster CHAB-I-5 (A1)	Sara Billerbeck
10:30-11:00	Coffee Break	
11:00-12:30	Discussion groups	
12:30-13:45	Lunch	
13:45-14:30	Discussion groups	
14:30-15:00	Coffee Break	
15:00-15:15	Report of the Integrated Research Training Group	F. Esser
15:15-15:45	General assembly and discussion on status quo, future plans and concluding remarks	M. Simon
15:45	End	

Poster presentations

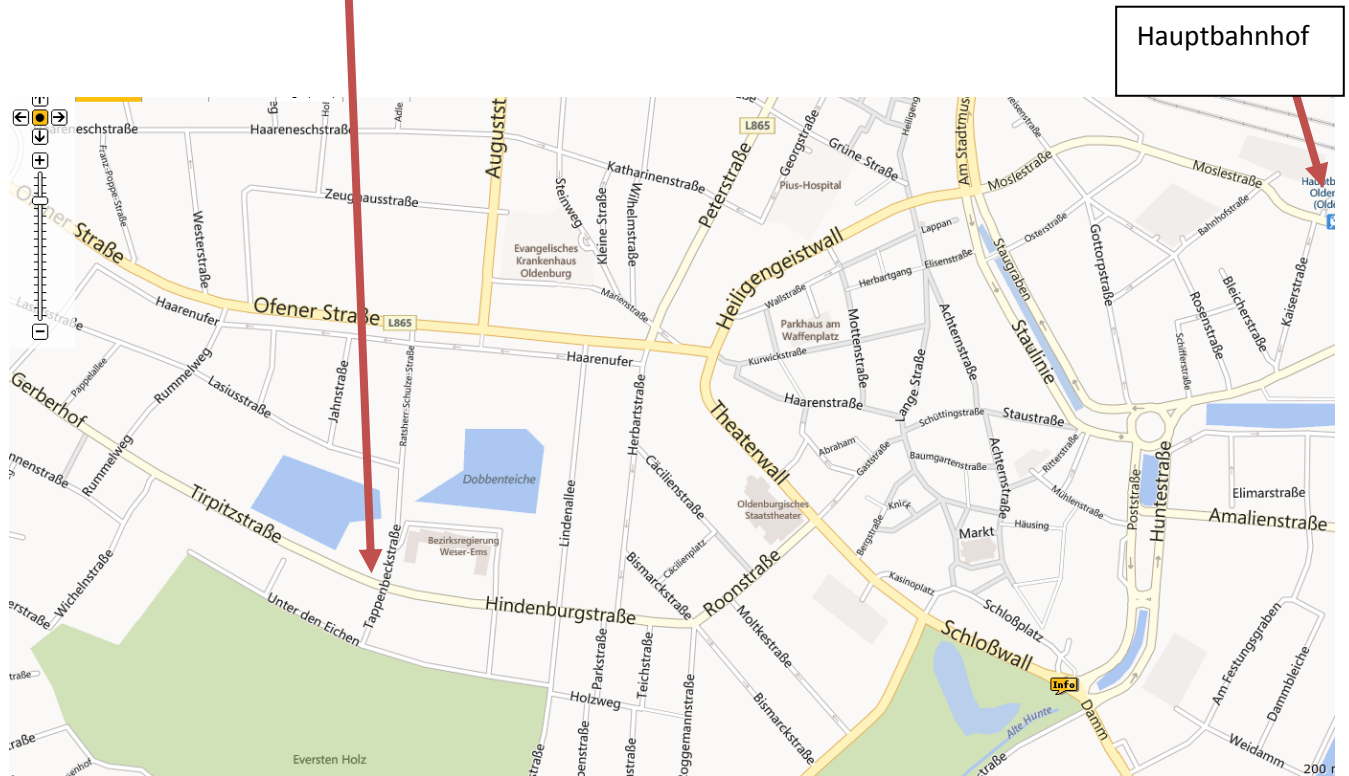
TP	Autor	Poster
A1	Insa Bakenhus	Assessment of the major phylogenetic groups in the Southern and Atlantic Oceans by pyrosequencing and FISH
A2	Marion Pohlner	Defining the unknown roseobacters in marine sediments
A3	Florian Lenk	Amplicon Search: A new tool for in silico amplicon detection in metagenomic sequencing data
A5	Silke Pradella et al.	Ocean's twelve: Flagellar and biofilm chromids in the multipartite genome of <i>Marinovum algicola</i> DG898
A7	Heike Freese	Mobile genetic elements in <i>Phaeobacter</i> spp.
A8	Gerrit Wienhausen, Beatriz Noriega-Ortega et al.	Linking the exometabolome to the transcriptome of <i>Phaeobacter inhibens</i>
B1	Christian Kirchhoff	Energetically depleted <i>Dinoroseobacter shibae</i> maintains strong membrane potential
B2	Martine Berger Sven Breider Laura Wolter	Acquisition and utilization of iron by <i>Phaeobacter inhibens</i> DSM17395 Isolation of <i>Phaeobacter</i> strains from German harbours AHL systems of <i>Phaeobacter</i> T5 and chemotaxis behaviour <i>Phaeobacter</i> spp
B3	Ersin Celik	Conversion of the sulfoquinovose catabolite 2,3-dihydroxypropane-1-sulfonate by <i>Phaeobacter inhibens</i>
B4	Jürgen Tomasch	Single cell analysis of gene expression and PHB content in <i>Dinoroseobacter shibae</i>
B5	Maren Behringer Matthias Ebert	Iron-dependent gene regulation in <i>D. shibae</i> and functional analysis of the RirA regulator Oxygen-dependent gene regulation in <i>D. shibae</i> and functional analysis of the DnrF regulator
C6	Nicole Beier, Martin Kucklick, Susanne Engelmann	Adaptation of <i>Dinoroseobacter shibae</i> to oxidative stress

Location:

Alter Landtag,

Theodor-Tantzen-Platz 8 (Tirpitzstraße Ecke Tappenbeckstraße)

26122 Oldenburg



Anreise: Bus: <https://www.vwg.de/>