

# de.NBI Late Summer School 2015 in Microbial Bioinformatics



**Date:** September 20 – 26, 2015  
**Location:** Justus-Liebig-University, Gießen  
**Website:** denbilss.computational.bio

## Keynote Speakers:

- » Gene Myers (Director Max-Planck Institute for Molecular Cell Biology and Genetics, Dresden)
- » Paul Kersey (Team Leader, Non-vertebrate Genomics, European Bioinformatics Institute, Cambridge)
- » Jan Gorodkin (Director Center for non-coding RNA in Technology and Health, Copenhagen)
- » Ursula Kummer (Group Leader Modeling of biological processes, BioQuant, Heidelberg)

## de.NBI Speakers:

- » Alexander Goesmann (Justus-Liebig-University, Gießen)
- » Sebastian Jünemann (Bielefeld University)
- » Jochen Blom (Justus-Liebig-University, Gießen)
- » Oliver Rupp (Justus-Liebig-University, Gießen)
- » Rolf Backofen (University of Freiburg)
- » Stefan Albaum (Bielefeld University)
- » Dagmar Waltemath (Rostock University)
- » Wolfgang Müller (Heidelberg Institute for Theoretical Studies)

## Contents:

The German Network for Bioinformatics Infrastructure (de.NBI) presents the first Late Summer School that will be organized by the Bielefeld-Gießen (BiGi) Center for Microbial Bioinformatics. The BiGi center is specialized in the field of Omics data analysis for microbes and is well-known for its software platforms (e.g. GenDB).

This years de.NBI Late Summer School will focus on the workflow from genome assembly to genome and transcriptome analysis. During the training, participants will gain insights into state-of-the-art bioinformatics tools. Participants of the workshop are asked to bring their own data sets, which will be analyzed in the different sessions. A poster session will be supported by CLC on monday evening.

## Overview:

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Topic</b>	Genome Assembly	Genome Annotation	Comparative Genomics	RNAseq Analysis	Pathway Reconstruction
<b>de.NBI Speaker</b>	S. Jünemann	A. Goesmann	J. Blom	O. Rupp, R. Backofen	S. Albaum, D. Waltemath, W. Müller
<b>presented Tool</b>	Spades	GenDB	EDGAR	ReadXplorer	Seek, Vanted, COPASI

## Funding:

The de.NBI project is funded by the BMBF.  
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## Learning Targets and Requirements:

Participants will be instructed in the genomics workflow and gain understanding of the possibilities and limitations of genome sequencing and sequence analysis. The course covers lectures and hands-on sessions by de.NBI and renowned experts in the fields and is aimed at PhD students, postdoctoral fellows or other scientists with a solid background in bioinformatics and molecular biology. Practical analysis will be performed on own data sets if possible.

## Application and Deadlines:

In total, 20 international participants (advanced PhD students & postdoctoral fellows) will be selected based on short applications. Please provide the following documents:

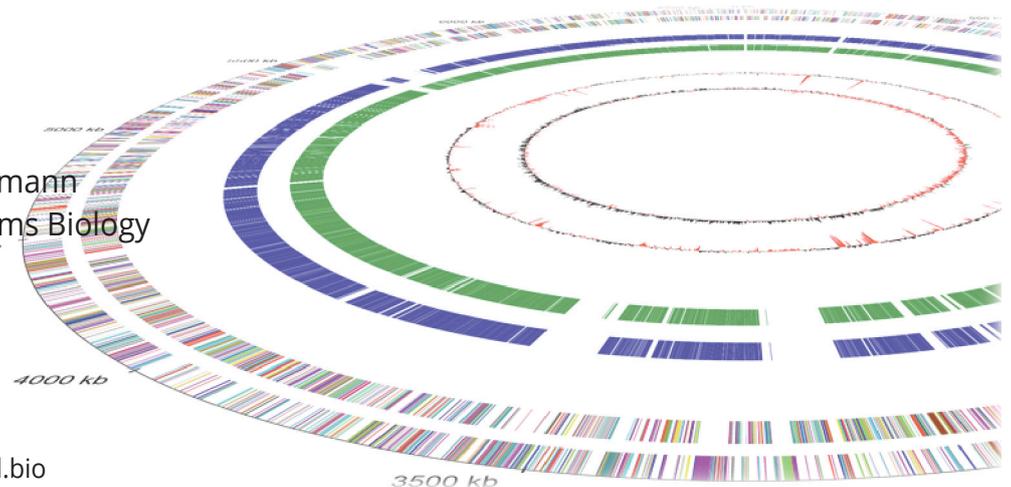
- CV
- Motivation letter
- Description of own data sets

Send your application via email to Prof. Dr. Alexander Goesmann (full contact details below). There will be no participation fee. Accommodation will be supplied by the de.NBI consortium. Travel expenses should be paid by the participants.

**Application Deadline:** August 24, 2015  
**Selection of Participants:** August 31, 2015

## Contact Details:

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