

## Mechanismen der Genregulation in Prokaryoten

Datum	Themenkatalog	Dozent
Do, 18.10.07	<a href="#">V1 - Introduction into analysis of bacterial genomes</a>	Völker
Do, 01.11.07	<a href="#">V2.1 - Sequencing</a> <a href="#">V2.2 - Bacterial Chromosome - Organization</a> <a href="#">V3 - Initiation of transcription - RNA polymerase and promoter structure</a>	Völker
Do, 08.11.07	<a href="#">V4 - RNA-Polymerase and alternative Sigma factors – Regulation of sigma factor activity</a>	Völker
Do, 15.11.07	<a href="#">V5.1 - Alternative Sigma factors-continued</a>	Völker
Do, 22.11.07	<a href="#">V6.1 - Repression of Transcription</a> <a href="#">V6.2 - Activation of Transcription</a>	Völker
Do, 29.11.07	<a href="#">V7.1 - Two component systems in transcriptional regulation</a> <a href="#">V7.2 - Transcription elongation and termination and their regulation</a>	Völker
Do, 13.12.07	<a href="#">V8.1 - Regulation of transcription elongation and RNA-degradation</a> <a href="#">V8.2 - Translation and regulation of translation start</a>	Völker
Do, 20.12.07	<a href="#">V9.1 - Regulation of translation</a> <a href="#">V10.1 - Protein quality control - chaperones</a> <a href="#">V10.2 - Protein quality control - Proteases</a>	Völker
Do, 10.01.08	<a href="#">V11 - Membrane Proteins-Protein Export-Protein secretion</a> <a href="#">Vortrag Prof. Dr. Jan Maarten van Dijl</a>	Völker
Do, 17.01.08	<a href="#">V12.1 - Adaptation to oxygen availability - Aerobic-anaerobic shift and the adaption to oxidative stress</a>	Völker
Do, 31.01.08	<a href="#">V13.1 - Sensing of oxidative stress in Gram-positive bacteria</a> <a href="#">V13.2 - Osmostress and osmo adaptation in bacteria</a>	Völker
Mo, 18.02.08 oder Di, 19.02.08	18:00 Uhr Klausur im Hörsaal Ost (45 Min)	