

Time	Friday Aug 1	Saturday Aug 2	Sunday Aug 3	Monday Aug 4	Tuesday Aug 5	Wednesday Aug 6	Thursday Aug 7	Friday Aug 8
8:00						Module 2 Introduction lecture	Module 2 Intro	Module 2 Western blot
9:00				Module 1 Introduction lecture - Ca ²⁺ reporter gene assay	Module 1 Practical work - Ca ²⁺ reporter gene assay	Lecture Dr. Francois Olivier ' <i>live-cell imaging</i> '	SDS-Page / Western blot	Module 6 Intro
10:00	Welcome Event at the JSMC							Flourescence microscopy
11:00								
12:00					Data analysis and final discussion	Workshop Dr. Annika Bartsch - Crafting a CV using AI	Industry visit BLINK AG Jena	Interpretation microscopy and Western blot results
13:00				Practical work - Ca ²⁺ reporter gene assay				
14:00	Tour Beutenberg Campus							
15:00			City tour Jena					
16:00								
17:00						Social event		Midsummer Science Poetry Slam
18:00		Evening hike						

Time	Saturday Aug 9	Sunday Aug 10	Monday Aug 11	Tuesday Aug 12	Wednesday Aug 13	Thursday Aug 14	Friday Aug 15						
8:00													
9:00	Boat tour on the river Saale		Module 3 RNA isolation theory and practical work (bacterial RNA iso)	Module 7 Microbiome -host interactions in aging (Theory and lab work)	Module 3 RNA isolation practical work (eukaryotes)	Module 7 Microbiome -host interactions in aging (lab work)	Module 3 Assessing quality	Module 7 Microbiome -host interactions in aging (Nanopore sequencing data analysis)	Module 4 Research data analysis - Intro	Module 7 Microbiome -host interactions in aging (Metabolomics data analysis)	Module 5 Quantitative analysis of bacterial growth and killing		
10:00													
11:00													Lecture Dr Darren Thomson <i>Microscopy</i>
12:00													
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