[C2.3]	Advanced Molecular	Compulsory	3-5 CP (to	otal) = 90-	150 h	2-3
	Biology & Microbiology	elective module in the core area C2	Contact h 2-3 SWS		Independent study 60-105	
Content					-	
intrinsic and ac <u>Practical course</u> resistance, signa	nt topics in molecular microbiolo equired resistance mechanisms, a <u>c (optional)</u> : Related to the topics aling and cell-cell communicatio a optionally be combined with th	ntibiotic resistance, co taught in the lecture, n. The experiments w	ell-cell comr , we will per	nunication form expe	riments focusing	on antibioti
Learning outcome	es and skills					
(from systems- in microbiology summarizing th <u>Practical course</u>	udents learn about state-of-the-a based to individual molecules) th y. In preparation of the lectures ne current knowledge of the resp <u>e</u> : The students gain hands-on lies of individual protein comple- pontext.	hat drive each field on students individuall ective topics. experience in diffe	t have the p by study boo rent technic	otential to ok chapters ques from	revolutionize fut and topical scie microfluidics ap	ure research ntific paper oproaches to
<b>I</b>	rements/Conditions for parti	cipation in the mod	dule/course	es		
None	<b>k</b>	· ·				
Recommended p	rior knowledge					
None	nor knowledge					
rione						
Organizational de	etails					
	etails					
Organizational de	etails n (degree programme/faculty	) Master Biocl	nemistry / F	B14		
Organizational de			nemistry / F	B14		
Organizational de	n (degree programme/faculty			B14		
Organizational de Module allocation Module transferra	n (degree programme/faculty	mes		B14		
Organizational de Module allocation Module transferra Module offered	n (degree programme/faculty able to other degree program	summer sem		B14		
Organizational de Module allocation Module transferra Module offered Duration	n (degree programme/faculty able to other degree program tor	mes summer sem 1 semester		B14		
Organizational de Module allocation Module transferra Module offered Duration Module coordinat Course requireme	n (degree programme/faculty) able to other degree program tor ents for credits	mes summer sem 1 semester Prof. Hänelt	nester		e participation	
Organizational de Module allocation Module transferra Module offered Duration Module coordinat	n (degree programme/faculty) able to other degree program tor ents for credits	mes summer sem 1 semester Prof. Hänelt Practical cou	rse: Regular	and active	participation	glish) of the
Organizational de Module allocation Module transferra Module offered Duration Module coordinat Course requireme Participation	n (degree programme/faculty) able to other degree program tor ents for credits	mes summer sem 1 semester Prof. Hänelt Practical cou	rse: Regular rse: Fulfillr	• and active nent and 1	e participation protocols (in En	glish) of the
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