

Workshop part I: Introduction to Good Scientific Conduct for early stage doctoral candidates

Topic	Lecturer	Dates/hours	Institute/Room number
		01.07.2019/ a.m.	Center of Molecular Biology, Zülpicher Str. 47a/ room 0.46
Talk: The scientific method	Prof. Sigrun Korsching, Prof. Niels Gehring		
Understanding of scientific methods in natural sciences		9:00	
Exercises: Using the scientific method to identify problems in experiments and publications		9:30	
Talk: Logical fallacies		10:00	
Critical thinking to identify logical fallacies			
Exercises: Can you identify logical fallacies? Can you identify bad scientific approaches? Can you spot logical fallacies in publications?		10:30	
Coffee break		11:00	
Talk: Statistics, a short introduction	Dr. Till Bockemühl	11:15	
Exercises: Representative samples, p-hacking, small number statistics, biological and technical replicates		12:00	
lunch break			
Lab notebooks are legal documents	Dr. Isabell Witt	13:30	Zülpicher Str. 47a/ seminar 4.OG
End of part I		14:00	

Workshop part II: Introduction to Good Scientific Conduct for early stage doctoral candidates

Topic	Lecturer	Dates/hours	Institute/Room number
		04.07.2019/ a.m.	MPI for the Biology of Ageing, Joseph Stelzmannstr. 9b/ Seminar room 2/3
Overview lecture: What is good scientific conduct	PD Dr. Gabriella Lundkvist	8:30	
Exercises: data documentation, falsifying, fabricating data etc.		9:15	
Break		10:45	
Talk: Pitfalls in imaging and microscope usage	Dr. Astrid Schauss	11:30	
Exercises: image acquisition, data analysis, object counting		12:15	
End of part II		13:45	