MCSN seminar "Neuroscientific methods"

WS 2021/22

• weekly, start second week of semester
• time Tuesday afternoon **5 pm**
• room: new biology building **SR 1.129**
• structure: presentation of faculty (30 – 40 min) on general aspects of the technique followed by student presentation of a paper that uses the technique (20 - 30 min)
• attendance is mandatory for all participating students

#	Topic	faculty	date , student
1	Distribution of Topics	J. Botella V. Egger M. Lukas	26.10. No student talk
2	Basic drosophila genetics Jose.Botella-Munoz@biologie.uni-regensburg.de	J. Botella	09.11.
3	Mouse transgenic technology	J. Botella	16.11.
4	Neurodegeneration models	J. Botella	23.11.
5	CRISPR technique and DAMID Matthias.Rass@ur.de	M. Rass	30.11.
6	Optogenetics Bjoern.Brembs@ur.de	B. Brembs	07.12.
7	Live cell imaging (Ca^{2+},FRET, FRAP) Christian.Wetzel@ukr.de	C. Wetzel	14.12.
8	Electrophysiology of neurons Michael.Lukas@ur.de	M. Lukas	21.12.
	Christmas		
9	Detection of neuronal circuits rohit.menon@ur.de	R. Menon	18.01.
10	Cell culture techniques Eugen.Kerkhoff@ukr.de	E. Kerkhoff	25.01.
11	Glutamate uncaging Veronica.Egger@ur.de	V. Egger	01.02.
12	microRNAs anna.bludau@ur.de	A. Bludau	08.02.