

Purpose of the trainings



Data generation



Data analysis

- Biology is getting more and more quantitative
- Data sets are growing larger
- You have to be able:
 - ...to understand the data analysts
 - ...to carry out analyses yourself

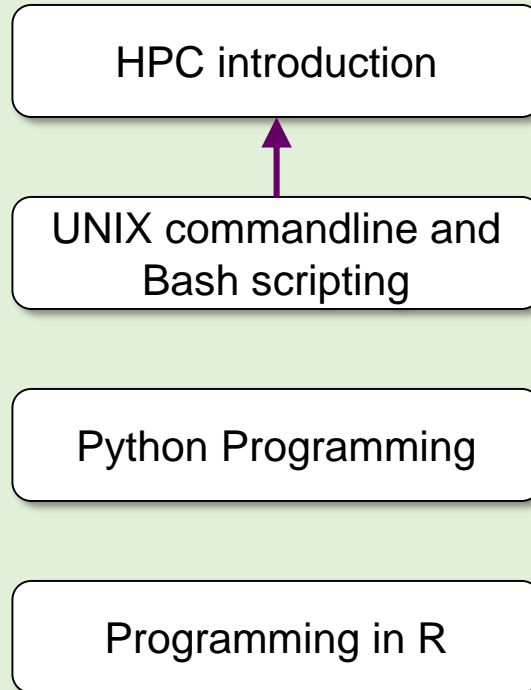
Project implementation

- Target audience
 - Experimental biologists [intro courses]
 - Bioinformaticians [advanced courses]
- Duration
 - Usually 2 x ½ days = 2 x 4 hours
- Technology
 - Powerpoint slides, PDF handouts
 - "hands-on": students try out what they learn
 - web-based instruction with RStudio, Jupyter running in a virtual machine
- Quality control
 - All courses are tested with colleagues
 - Participants fill out feedback form

Training portfolio

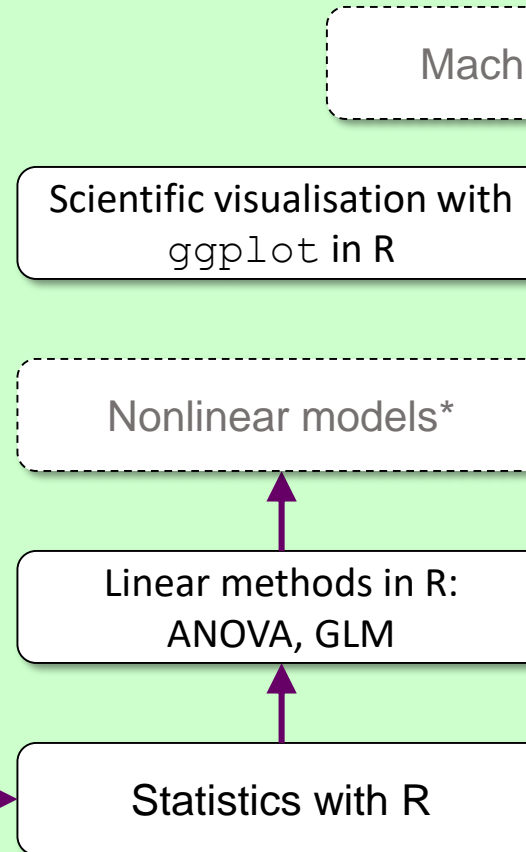


Computing skills



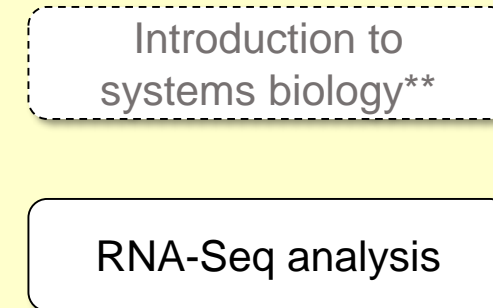
<http://biocomp.vbcf.ac.at/training/>

Biostatistics



**planned for 2018*

Bioinformatics



***planned for 2019*

Trainings



Date	Title	Location	Internal PDs at VBCF	Internal PDs at IST Austria	Internal PDs at CEITEC	External PDs at VBCF	External PDs at CEITEC	No of participants	Total No of perdon-days	Mon. period
22.-23.02.2017	R programmimng course	VBCF	0		0	16	0	8	16	1
15.-16.03.2017	R statistics course	VBCF	2		0	22	0	11	24	2
11.-12.05.2017	R linear methods course	VBCF	2		0	8	0	4	10	2
17/08/2017	Bioinformatics data analysis	VBCF	3		0	0	0	3	3	2
14.-15.09.2017	R programmimng course	VBCF	0		0	14	0	7	14	3
21.-22.09.2017	R statistics course	VBCF	0		0	13	0	7	13	3
19.-20.10.2017	R statistics course	CEITEC-MU	0		36	0	0	18	36	3
02.-03.11.2017	R ANOVA + linreg course	CEITEC-MU	0		48	0	0	24	48	3
13/11/2017	Applied Biostatistics and Data Analysis in Clinical Research	VBCF	6		0	2	0	6	8	3
22/11/2017	Best Practices in Bioinformatics Data Analysis	VBCF	8		0	0	0	8	8	3
07.-08.02.2018	R programmimng course	VBCF	2		0	16	0	8	18	3
14.-15.02.2018	Statistics with R course	VBCF	0		0	17	0	9	17	3
28.02.-01.03.2018	Statistics with R course	VBCF	0		0	19	0	10	19	4
18-19.04.2018	RNA-Seq data analysis	VBCF	2		0	19	0	10	21	4
Total			25	0	84	146	0	133	255	
To be done			75		75	100	100			
Shifted from staff exchanges				36	36					
Remaining			50	36	27	-46	100			

Trainings

