Biostatistics for Plant Biologists

University of Lausanne, Amphipôle Building, Room 340.1

Please, bring your notebook with installed RStudio (or related) with you

Monday, April 29	Tuesday, April 30
9h - 9h10 Registration& Participants Intro	9h - 9h45 Exp. Design
9h10 - 10h Biostatistics in Plant Biology today/ Editorial requirements	9h45 - 10h45 Power concept
10h - 10h15 Coffee break	10h45 - 11h Coffee break
10h15- 11h xls-Data structures to import into R/Exercise I	11h- 12h Multiple comparisons/Exercise IV
11h- 12.15h Graphical representation of grouped data/ Exercise II	12h- 12h30 Multiplicity
12h15 – 13h15 Lunch break	12h30 – 13h30 Lunch break
13h15 -15h Two sample tests and confidence intervals	13h30 -14h30 Independent own UseR evaluation of a published data set of the University of Geneva
15h - 15h15 Coffee break	14h30 -15h30 Writing statistical method section
15h15 -16h15 Bayes factors	15h30 -16h Debriefing, questions outlook
16h15 -17h Tests for technical replicates	
17h -17h45 Exercise III: t and Wilcoxon test	