

Core Facility Computational Bioanalytics

Advanced R for Life Sciences

R is a language and computational environment for statistics, advanced data analysis, machine learning and visualization; it is the most widely used programming language in bioinformatics.

Due to technological advances in molecular biology (genomics, large-scale systems biology) research in the life sciences is becoming increasingly data rich. The aim of this course is to provide students with a good understanding of how to use R for advanced data analyses. For this purpose participants will learn key concepts for writing advanced R code,

Upon successful completion of this course, participants will be able to more proficiently use R for data analysis in life science research by applying loops, functions, control structures and create profound plots.

Teaching and learning method: 20% lecture and 80% interactive

Languages of instruction: English or German

Target audience: PhD students, technicians and researchers

Entrance qualifications: A basic understanding of R as shown by successful completion of the course "Introduction into R for Life Science Researchers".

Costs: 150 Euro (University)/ 300 Euro (Company)

Registration: zmf-sekretariat@medunigraz.at (deadline: March, 5th 2018)

As the number of participants is limited (min. 3 and max. 8), please register early to confirm your seat!

DFP: 7-Points

March 15th 2018 (9 am - 4 pm)

ZMF seminar room 3rd floor 03-012

Contact: zmf-sekretariat@medunigraz.at
Tel: +43 (0)316 385-73001

Center for Medical Research (ZMF)
Stiftingtalstrasse 24, A-8010 Graz
<https://zmf.medunigraz.at>