



# Advanced analysis of quantitative proteomics data using R

## You will learn...

- how to use the popular statistical programming language R for your daily analyses
- about the theoretical background of the statistical methods applied to proteomics data

## Topics

- Data preprocessing and quality control (e.g. **normalization, principal component analysis**)
- Advanced analysis of proteomics data (e.g. **clustering, ROC-curves**)

<b>Date</b>	Tuesday, <b>19<sup>th</sup> Nov 2019</b> , 10:00 a.m. – 6:00 p.m.
<b>Venue</b>	Ruhr-University Bochum Universitätsstr 150, 44801 Bochum
<b>Further Details</b>	<a href="https://www.denbi.de/training">https://www.denbi.de/training</a>
<b>Requirements</b>	Basic knowledge of R and differential analysis of proteomics data
<b>Registration</b>	<a href="https://forms.gle/3pkpVmWKdbShJwWz5">https://forms.gle/3pkpVmWKdbShJwWz5</a>
<b>Fee</b>	This course is for free!
<b>Contact</b>	<a href="mailto:bioinfoservice@rub.de">bioinfoservice@rub.de</a>