



# Differential 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 statistical methods applied in differential analyses (presented methods also apply to other omics data).

## Topics

- Basic **introduction to R** usage
- **t-test, ANOVA**: Background on statistical inference
- Differential analysis of high-throughput data and candidate selection: **multiple testing, volcano plot**

<b>Date</b>	Monday, <b>18<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>Registration</b>	<a href="http://goo.gl/forms/mpKHnbT1Um">http://goo.gl/forms/mpKHnbT1Um</a>
<b>Fee</b>	This course is for free!
<b>Contact</b>	<a href="mailto:bioinfoservice@rub.de">bioinfoservice@rub.de</a>



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