A Beginner's Guide to **RNA-Seq Data Analysis**

insertion

mismatch

DNA



Quality Control, Read Mapping, Visualization and Downstream Analyses

Workshop

1st - 5th February 2016 8:00 am - 17:00pm Leipzig, Germany

Join this hands-on workshop taught by experts in the field. Learn how to analyze Next-Generation Sequencing experiments,

detect differential expression and novel (non-) standard transcripts.

deletion

JRA

One day Linux Intro

ENROLL TODAY

- Visit www.ecseq.com/workshops/public
- Choose from our upcoming events 'A Beginner's Guide to **RNA-Seq Data Analysis**⁴
- Click 'register now'

Workshop Cost:

1,390 EUR (without VAT)

Travel expenses and accommodation are not covered by the registration fee.

Course materials, conference dinner and catering included!

SCOPE AND TOPICS

- Understand Next-Generation Sequencing
- Discuss the advantages and limitations of sequencing technologies
- Use bioinformatics software and tools to undertake analysis of NGS data
- Detect differentially expressed genes
- Find fusion junctions and circularized RNAs
- Interprete the results and extract first scientifically valuable findings

Trainers

- Gero Doose (University of Leipzig
- Christian Otto (CCR Bio-IT)
- David Langenberger (ecSeq Bioinformatics)
- Mario Fasold (ecSeq Bioinformatics)



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