

Centrum für Medizinische Genetik
Core Facility Genomics der Medizinischen Fakultät

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Münster, 13.02.2025

CFG Bioinformatics Workshop

An Introduction to RNA-Seq Data Analysis

Module Quality Control and Alignment to Reference:

- Quality control of the raw fastq files
- Trimming of the sequences
- Align reads to a reference genome

Module Differential Expression Analysis:

- Estimate known gene expression
- Perform differential expression analysis
- Calculation of Fold Change, p-Value and adjusted p-Value
- Hierarchical Cluster Analysis

Module Biological Interpretation:

- Gene Ontology Enrichment Analysis
- Kegg-Pathway Enrichment Analysis

Location: UKM, Albert Schweitzer Campus 1, House A6, 48149 Münster

Date: 24.03.2025 from 11:00 to 16:00 and 25.03.2025 from 9:00 to 14:30

Registration fee: 300 €

Email: core.bioinformatics@uni-muenster.de