ECSEQ BIOINFORMATICS

RNA-Seq Data Analysis Workshop

Quality Control, Read Mapping, Visualization and Downstream Analyses

DATE March 21–24, 2017 **TIME** 8 am – 5 pm **VENUE** Berlin, Germany

Advance your research. Understand NGS analysis issues and solve them yourself.

The target audience is biologists or data analysts with no or little experience in analyzing RNA-Seq data.

Included in the Course

- ✔ Course materials
- ✔ Catering during the workshop
- ✔ Conference dinner
- ✔ High-performance workstations (no laptop needed)

In a Nutshell

- Learn the essential computing skills for NGS bioinformatics
- Understand NGS analysis algorithms (e.g. read alignment) and data formats
- Use bioinformatics tools for handling RNA-Seq data
- Compare different approaches for differential expression analysis

Scope and Topics

The purpose of this workshop is to get a deeper understanding in Next-Generation Sequencing (NGS) with a special focus on bioinformatics issues. Advantages and disadvantages of current sequencing technologies and their implications on data analysis will be discovered. You will be trained on understanding NGS data formats and handling potential problems/errors therein.

All workshop attendees will be enabled to perform important first tasks of NGS data analysis themselves. The course layout has been adapted to the needs of beginners in the field of NGS bioinformatics and allows scientists with no or little background in computer science to get a first hands-on experience in this new and fast evolving research topic.

Trainers

Gero Doose
University Leipzig

Dr. David Langenberger
ecSeq Bioinformatics

Dr. Mario Fasold
Seamless NGS

Enroll Today!

ecseq.com/workshops/public

Registration Fee

1,298 EUR (excluding VAT)

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

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