



1st BERLIN
SUMMER
SCHOOL

NGS Data Analysis 2017

Introduction to NGS
RNA-Seq Data Analysis
DNA Variant Calling

September 11-15, 2017 | Berlin

Included

- **Evening Programme:**
City tour, conference dinner
and networking
- Course materials
- High-performance workstations
(no laptop needed)
- USB-Stick for taking home results
and analysis
- Catering during the workshop

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 NGS data
- Perform first downstream analyses for studying genetic variation
- Compare different approaches for differential expression analysis

Check full agenda at ecseq.com/summer-school

Invited Speakers

Dr. Anaïs Le Rhun
MPI for Infection Biology
Emmanuelle Charpentier's
group

Dr. Dominic Rose
F. Hoffmann-La Roche Ltd

Dr. Alexander Ullrich
Robert Koch-Institut

Trainers

Dr. Gero Doose Dr. Christian Otto Dr. David Langenberger Dr. Mario Fasold