9th **BERLIN** SUMMER **SCHOOL**

# NGS Data Analysis 2025

## Introduction to NGS
## RNA-Seq Data Analysis
## DNA Variant Calling

June 30 - July 4, 2025 | Berlin

**Apply Now!**
First come, first served.

## Included

· **Evening Programme:**
  City tour, conference dinner and networking
· Course materials
· High-performance workstations (no laptop needed)
· Catering during the workshop
· Certificate

## 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

University

Research Facility

**Prof. Dr. Helene Kretzmer**
Hasso Pattner Institute
University of Potsdam

**Dr. Jan Ewald**
ScaDS.AI Dresden/Leipzig
Leipzig University

## Trainers

Dr. Adam Nunn     Dr. Gero Doose     Dr. David Langenberger