



Next Generation Sequencing Competence Network (NGS-CN)

Summer School 2021

Understanding Next Generation Sequencing from Molecule to Output Data

September 13th-15th, 2021

Schloss Mickeln, Heinrich Heine University Düsseldorf

In order to apply, please fill out the attached PDF and upload it to Sciebo
<https://uni-duesseldorf.sciebo.de/s/eBMa9II879IMxWM>

Deadline for applications is August 8th, 2021

The summer school is targeted at MSc and PhD students with NGS-related research projects. The event is planned in person with a maximum of 10 participants, respecting the corona rules applying at that time. Successful applicants will be notified in the second half of August. Participation is free of charge and accommodation costs are covered; participants have to arrange for their travel independently.

The program includes a practical demo session on Oxford Nanopore long read sequencing and Bioinformatics analysis. Lectures and bioinformatics exercises will cover:

- Relevance of NGS for basic research and diagnostics
- Experimental planning and statistical analysis of NGS Experiments
- Data analysis of transcriptomics and single cell data
- Population genomics
- Analysis of ancient DNA

If you have any questions, please contact
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More information about the NGS-CN and the individual
competence centers can be found at www.ngs-kn.de

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