

DILS Retreat

November 13/14, 2025 – Jugendgästehaus Bielefeld



13.11.2025 (Thursday)

10:30 Arrival

11:00 Start of program

11:00 Andreas Rempel: *Plasmid assembly from long reads*

11:30 Leonard Bohnenkämper: *Quantifying rearrangements in pangenomes*

12:00 Lunch

13:00 Ann-Cathrin Groba: *Unravelling metabolism in 2D*

13:30 Benjamin Saalfeld: *Streamlining Boolean modeling: a new tool and comparative analysis of tools*
Daniel Kautzner: *Knowledge graphs for proteomics research*

14:00 30' Break (group photo)

14:30 Vanessa Scharf: *Construction and analysis of knowledge graph representation of bacterial sRNAs*

15:00 Muhammad Elhossary: *From prediction to preservation: expanding knowledge of regulatory sRNAs*

15:30 Benjamin Wolff: *Project Y: bridging neural and symbolic knowledge in life sciences*

16:00 30' Break

16:30 Leonie Lancelle: *Exploring microglia: from cellular diversity to molecular regulation* (application talk)

17:00 Addie Jordon: *Yield analysis using continuous Petri nets* (application talk)

17:30 End (interviews with applicants)

19:00 Social event / Dinner (Jivino)

14.11.2025 (Friday)

9:30 Start of program

9:30 Luna Pianesi: *On the accessibility and sustainability of AI-based drug discovery*

10:00 Manuel Feser: *An update on the Plant Data Commons*

10:30 30' Break

11:00 Emanuel Lange: *Advancing enzyme-constrained modeling: tools and applications*

11:30 Max Wolf: *Improving metaproteomics data analysis towards clinical application*

12:00 Lunch

13:00 Faculty meeting | Soft skills

Pia Ortwein (Graduate Centre, Grace):

13:00 *Career planning*

13:45 *PhD milestones in reflection*

14:15 30' Break

14:45 Mats Huwendiek (Campus in Balance, P/O.6):

Study and working conditions and (mental) health

16:00 End of program