

SUMMER SCHOOL | Aug 11-15, 2025

Applied Deep Learning in Bioinformatics

Location: UCPH Frederiksberg Campus

This course is an opportunity for you to learn and get hands on experience with data science techniques and how to apply these beyond the topics of CRISPR and network biology. The format will consist of an approximately equal mix of lectures and hands-on exercises. The four-day summer school will be followed by a symposium day, Aug 15, 2025 – open to all

Who can register? - MSc students, PhDs and postdocs who are already comfortable in programming (max capacity 30)

Price – the course is free, as it is supported by the CRISPRnet project granted by the Novo Nordisk Foundation

Stipends – a handful of stipends will be handed out to cover travel and accommodation costs for talented applicants, who can otherwise not afford to participate

LECTURERS

Sampo Pyysalo, University of Turku
Arne Elofsson, Stockholm University
Simon Rasmussen, University of Copenhagen
Stefano Roncelli, University of Copenhagen
Christian Anthon, University of Copenhagen
Jan Gorodkin, University of Copenhagen
Lars Juhl Jensen, University of Copenhagen



The summer school will cover the following topics:



- ✓ Text-mining & Transformers
- ✓ Language models for biological sequences
- ✓ Variational autoencoders
- ✓ Graphs & networks
- ✓ Practical Applications

Application Deadline June 15, 2025

For more information and registration go to:



Course Directors

Jan Gorodkin, Professor, IVH,
University of Copenhagen
&

Simon Rasmussen, Professor, CBMR,
University of Copenhagen,

