



# Course in Oxford Nanopore

DNA sequencing

17<sup>th</sup>-19<sup>th</sup>  
Feb  
2020

3 days  
hands-on

Aalborg  
Denmark

1.650 EUR  
(12.500 DKK)

**AIM** Introduce Oxford Nanopore Sequencing Technology and provide the basic theoretical insight and practical know-how to successfully set up and run a Nanopore sequencing experiment.

**CONTENT** Oxford Nanopore Sequencing Technology marks an unprecedented paradigm shift within the field of DNA and RNA sequencing, allowing users to scale and run long-read DNA and RNA sequencing experiments in real-time. By virtue of its portability and scalability, we are now finding ourselves at the forefront of answering new biological questions within a wide range of fields. During this course you will become equipped to understand and handle this groundbreaking technology and join other researchers at the forefront. You will gain hands-on experience with sequencing of microbial genomes, learn how to analyze the generated data and how to use well-established bioinformatic pipelines and cloud-computing to assemble genomes and metagenomes. Finally, we will show you how to perform high-accuracy long-read amplicon sequencing using unique molecular identifiers (UMI) and Oxford Nanopore sequencing.

**TEAM** The course will be run by our Nanopore specialist Rasmus Wollenberg with assistance of Rasmus H. Kirkegaard and Mads Albertsen.

SIGN UP (deadline February 3<sup>rd</sup>) and further information:

[info@DNAsense.com](mailto:info@DNAsense.com)

[www.DNAsense.com/courses](http://www.DNAsense.com/courses)

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