

**PhD position: Computational modeling of nanopores for protein detection –  
RWTH Aachen, Germany**

A PhD position in the Computational Biotechnology group (<https://rwth-aachen.de/go/id/suhwq>) at the RWTH-Aachen University in Germany is available. We offer a fixed-term contract for a research project that can lead to a PhD degree in the Natural Sciences.

**Job Description**

Quantum-mechanical and Molecular Dynamics simulations of nanopore materials for protein detection. The project will be carried out within the framework of the newly funded nanodiagBW cluster ([www.nanodiag.de](http://www.nanodiag.de)).

**Requirements**

The position requires a university Master's degree in the Natural Sciences. Specifically, candidates with the following qualifications are encouraged to apply:

- theoretical background in one of Physics/Chemistry/Biology
- experience with computer simulations in the Natural Sciences
- above average University grades
- enthusiasm to learn
- willingness to actively collaborate with other researchers and disseminate research in different formats.

All application documents (CV, course list, list of 2 references) should be send to Maria Fyta ([maria.fyta@rwth-aachen.de](mailto:maria.fyta@rwth-aachen.de)).