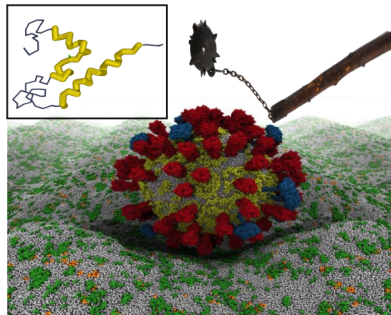




Do membranes feel viruses?

Dr. H.J. Risselada & Prof. Dr. Marcus Müller

- Viral infection involves hijacking of the host cell's membrane.
- Does the immune system feel when and where viruses hijack the membrane?



Your Challenges

- Programming in Python/C (beginner level).
- Perform coarse-grained molecular dynamics simulations (the Martini model).
- Resolve the mysteries on how cells may sense viruses.

What We Can Offer You

- Insights in the field of molecular simulations and biophysics.
- Functional molecular dynamics simulation setups and packages.
- To become author on a scientific publication.

Interested? mmueller@theorie.physik.uni-goettingen.de
or hrissel@gwdg.de

<http://www.theorie.physik.uni-goettingen.de/forschung/mm/>