



## Institute of Applied Physiology Neuroscience Lecture

Monday, 30<sup>th</sup> of January 2023 | Time: 3:00 pm

Centre of Quantum BioScience, ZQB, M26, Room  
No. 2202, Ground Floor



# Prof. Anne-Sophie Hafner

Department of Molecular Neurobiology, Donders Centre for Neuroscience,  
Radboud University Nijmegen, NL

## Molecular Dynamics at Synapses: Understanding Brain Function in Aging and Diseases

Everybody welcome!

Anne-Sophie Hafner and her team study the dynamic composition of synapses, the molecular basis of memory encoding in the brain. Her lab uses omics-approaches combined with FACs-based synapse purification, metabolic labelling, super-resolution, and live-imaging to elucidate changes in synapse composition associated with learning, aging and diseases.

Chair: Birgit Liss, [birgit.liss@uni-ulm.de](mailto:birgit.liss@uni-ulm.de)