



10/2016 – 10/2019:

*Physiotherapist*

Physiotherapiepraxis Wittstamm Bochum

## **RESEARCH**

In my doctoral studies I will focus on brain alterations in the preclinical phase of Alzheimer's disease. Specifically, I aim to investigate the association Alzheimer-related pathologies and spatial navigation. Therefore, I will examine the correlation of grid-cell-like representations and tau-pathology in the entorhinal cortex, utilizing advanced neuroimaging methods like 7T-MRI and PET-CT, in conjunction with spatial-navigation paradigms and neuropsychological assessments.