

## Structural and functional network analyses in neurodegenerative disorders

### Projects

With a focus on dementia and other neurodegenerative disorders we employ pattern recognition methods with the ability to detect a disease specific pattern of brain changes (see [Automated Diagnosing](#)). These techniques have been found useful for diagnostic and prognostic purposes. To learn how disease effects the individual, we study structural and functional networks (see [Network Analyses](#)). A better understanding of adaptive and compensatory changes may proof useful to decide between treatment options (i.e. cognitive trainings, medication).