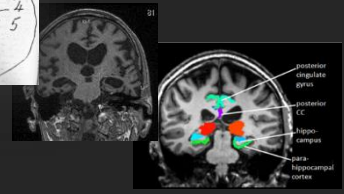
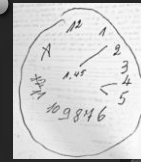


# Open PhD position

Program Neuroscience

*The position is available immediately for 3-4 years*



## Where

Division of Psychiatry I,  
Department of Psychiatry,  
Psychotherapy, Psychosomatics  
and Medical Psychology, Medical  
University Innsbruck, memory  
clinic



## Supervisor

Priv.-Doz. Dr. med. univ.  
Michaela Defrancesco, MD,  
MMSc, PhD



## Project

**Imaging, biological and clinical  
predictors of disease progression in  
Alzheimer's disease**

The PhD position is available in the research group of Priv.-Doz. Dr. med. univ. Michaela Defrancesco, MD, MMSc, PhD at the Medical University Innsbruck, Division of Psychiatry I, memory clinic. The group studies clinical, biological, and imaging diagnostic and progression markers of neurodegenerative disorders - in particular Alzheimer's disease. A comprehensive patient database called "GERDA – gerontopsychiatric database" with currently 1800 patient cases serves as a basis for numerous interdisciplinary research projects. Important research partners include the Neuroimaging Research Core Facility, the Psychiatric Laboratory of Experimental Alzheimer's Research, and other research partners at the Medical University Innsbruck, and the Leopold Franzens University.

**We are seeking a highly motivated PhD student with interest in the following research areas:**

- Neurodegenerative disorders – in particular Alzheimer's disease
- Clinical and neuropsychological diagnostic methods in the field of neurodegenerative disorders
- Automated methods for analyzing cerebral imaging
- Strong interest in clinical neuroscience, the development of research projects, and publication of scientific results

## Requirements

- An MD degree or a MSc degree in psychology
- A high level of both spoken and written English and German
- Strong interest in methods for analyzing cerebral imaging
- Advanced knowledge of statistical data analysis (e.g., with SPSS)
- Basic knowledge of neuropsychological and/or clinical research methods

## We offer

- A 3-4 year PhD position in an established research group on neurodegenerative disorders
- The opportunity to learn advanced imaging analyzing methods
- Support in the preparation of own research proposals and publication of scientific data
- Facilitation of congress participation and scientific talks
- Active promotion of networking with national and international researchers in the field of neuroscience

**To apply:** Please e-mail a CV and a letter of motivation (English) to [michaela.defrancesco@i-med.ac.at](mailto:michaela.defrancesco@i-med.ac.at)

Innsbruck, May 2022

## General Information:

### PhD Programm Neuroscience at the Medical University Innsbruck (<https://biomed-phd.i-med.ac.at/>)

- The PhD Program in Neuroscience is designed as a course of study introducing students into basic, translational and clinical neuroscience. Research areas cover the entire range from molecular and cellular neuroscience over physiology, behavior and translational to clinical neuroscience. Students are exposed to recent theories about brain function and malfunction and up-to-date research strategies. They acquire the technical skills of planning, conducting and evaluating complex experiments and clinical studies. Participation in the program forms a cornerstone in the training of young researchers interested in pursuing a career in academic, clinical or biotechnological environments.