

# Merle Christine Hönig, M.Sc.

## *Curriculum Vitae*

### AFFILIATIONS:

DEPARTMENT OF NUCLEAR MEDICINE

RTG - 1960

UNIVERSITY HOSPITAL COLOGNE

UNIVERSITY OF COLOGNE

KERPENER STR. 62

ZÜLPICHER STR. 47A

50937 COLOGNE

50674 COLOGNE

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### HIGHER EDUCATION

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- 09/2013 – 08/2015      **Research Master “Cognitive and Clinical Neuroscience– Specialization: Neuropsychology”** at Maastricht University, Maastricht, The Netherlands  
*Awarded Diploma: Master of Science, August 2015*
- 10/2010 - 08/2013      **Bachelor program “Cognitive Science”** at the University of Osnabrück, Osnabrück, Germany  
*Awarded Diploma: Bachelor of Science, August 2013*
- 08/2000 - 06/2009      **Stay Abroad** close to London, UK.
- 08/2000 - 06/2009      **Secondary School** at the Gymnasium Oberursel, Oberursel, Germany  
*Graduation: Abitur (A-levels), 19.06.2009*

### PROFESSIONAL EXPERIENCE

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- Since 01/2016      **PhD candidate** at the Department of Nuclear Medicine of the University Hospital Cologne, Cologne, Germany  
*Project: Influences of epigenetic mechanisms and cognitive reserve on Alzheimer’s disease: A multimodal imaging approach*
- 03/2015 – 08/2015      **Research internship** at the Institute of Neuroscience and Medicine (INM-I) of the Research Center Jülich, Jülich, Germany  
*Project: The effects of aging on cognitive performance and the gyrification index of the human parietal lobe*
- 11/2014 – 02/2015      **Clinical internship** at the Department of Neuropsychology of the University Hospital Cologne, Cologne, Germany

- 04/2014 – 10/2014      **Research assistant** at Medtronic, Maastricht, The Netherlands  
*Data entry and review*
- 09/2012- 07/2013      **Research assistant** at the Pacific Parkinson's Research Centre at the University  
of British Columbia, Vancouver, Canada  
*Project: The effects of a single bout of exercise on Parkinson's disease*

## HONORS & STIPENDS

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- 10/2017      'Best Poster Award' at the 1<sup>st</sup> International Conference on Cognitive Reserve in  
Dementias, Munich, Germany, October 24<sup>th</sup>-25<sup>th</sup>
- 07/2017      'Best Poster Award- Diagnosis and Prognosis' at the Alzheimer's Association  
International Conference (AAIC) in London, UK, July 16<sup>th</sup>- 20<sup>th</sup>
- 10/2015      PhD fellowship for 3 years provided by the Research Training Group 1960 funded  
by the Deutsche Forschungsgemeinschaft
- 12/2012      Travel grant from the University of Osnabrueck sponsored by the PROMOS-  
program of the DAAD for stay abroad in Vancouver, Canada

## PROFESSIONAL SOCIETIES & MEMBERSHIPS

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- Since 09/2016      Student representative of the Research Training Group - 1960
- Since 2017      ISTAART
- Since 2016      Human Brain Mapping
- Since 2015      Alumni Network Maastricht University

## PUBLICATIONS

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**Hoenig MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, et al. Tau pathology and cognitive reserve in Alzheimer's disease. *Neurobiol Aging*. 2017 Sep;57:1–7.

**Hoenig MC**, Bischof GN, Hammes J, Seemiller J, Kukulja J, Onur Ö, Jessen F, Fliessbach K, Neumaier B, Fink GR, van Eimeren T, Drzezga A. Networks of Tau Distribution in Alzheimer's disease. *Brain*, accepted for publication

## CONFERENCE ABSTRACTS (2017-2014)

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**Hoening MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, Drzezga A. Tau pathology and cognitive reserve in Alzheimer's disease (October 2017). ResDem, Munich, Germany.

**Hoening MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, Drzezga A (July 2017). Tau pathology burden associated with level of cognitive reserve in Alzheimer's disease. AAIC, London, UK.

**Hoening MC**, Bischof GN, Hammes J, van Eimeren T, Drzezga A (July 2017). Networks of Tau Distribution in Alzheimer's disease. AAIC, London, UK.

**Hoening MC**, Bischof GN, Hammes J, van Eimeren T, Drzezga A. Detection of specific tau pathology networks in Alzheimer's disease (June 2017). OHBM, Vancouver, Canada.

**Hoening MC**, Bischof GN, Hammes J, Faber J, Fliessbach K, van Eimeren T, Drzezga A (March 2017). Tau pathology and cognitive reserve in Alzheimer's disease. DGN, Dresden, Germany.

**Hoening MC**, Sacheli MA, Murray D, Campbell K, McKenzie J, McKeown MJ, Appel-Cresswell S (June 2014). A single bout of cycling exercise improves mood and motor function in Parkinson's disease. MDS 18th International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden.