

Curriculum Vitae

MAGDALENA BANWINKLER, MSc

Date of Birth: 17/07/1996

Multimodal Neuroimaging Group
Department of Nuclear Medicine
University Hospital Cologne
Kerpener Str. 62
50937 Cologne, Germany

EDUCATION

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| 04/2021 - present | Interdisciplinary Program Health Sciences - PhD Program Thesis (working title): The role of the limbic system in motivated behavior: a multimodal neuroimaging approach. Advisor: Prof. Thilo van Eimeren | University Hospital Cologne Cologne, Germany |
| 10/2018 - 11/2020 | MSc Psychology (Distinction) Thesis: Placebo responders and non-responders: psychological and neural differences. Advisor: Prof. Claus Lamm | University of Vienna Vienna, Austria |
| 10/2015 - 07/2018 | BSc Psychology Thesis: The influence of birth order on verbal intelligence in adulthood. | University of Vienna Vienna, Austria |

RESEARCH EXPERIENCE

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| 05/2019 - 11/2021 | Research Project , Social Cognitive and Affective Neuroscience Unit, Faculty of Psychology Topic: Effects of analgesia use on empathy and prosocial behavior. | University of Vienna Vienna, Austria |
| 11/2019 - 03/2020 | Research Intern , Department of Neurology Assistance with EEG experiments. | Vienna General Hospital Vienna, Austria |
| 02/2019 - 05/2019 | Research Intern , Neuropsychopharmacology and Biopsychology Unit, Faculty of Psychology Assistance with psychopharmacological experiments and data analysis. | University of Vienna Vienna, Austria |

HONORS AND AWARDS

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| 01/2022 | Scholarship for Academic Achievement Granted for academic performance in master studies. | University of Vienna Vienna, Austria |
| 01/2021 | Scholarship for Academic Achievement Granted for academic performance in master studies. | University of Vienna Vienna, Austria |
| 01/2020 | Scholarship for Research Project (€ 3.450) Granted for master's thesis. | University of Vienna Vienna, Austria |

PUBLICATIONS

- Banwinkler, M.**, Theis, H., Prange, S., & Eimeren, T. van. (2022). Imaging the Limbic System in Parkinson's Disease - A Review of Limbic Pathology and Clinical Symptoms. *Brain Sciences* 2022, Vol. 12, Page 1248, 12(9), 1248. <https://doi.org/10.3390/BRAINSCI12091248>
- Prange, S., Theis, H., **Banwinkler, M.**, & Eimeren, T. van. (2022). Molecular Imaging in Parkinsonian Disorders - What's New and Hot? *Brain Sciences* 2022, Vol. 12, Page 1146, 12(9), 1146. <https://doi.org/10.3390/BRAINSCI12091146>
- Banwinkler, M.**, Dzialas, V., Hoenig, M. C., & van Eimeren, T. (2022). Gray Matter Volume Loss in Proposed Brain-First and Body-First Parkinson's Disease Subtypes. *Movement Disorders : Official Journal of the Movement Disorder Society*. <https://doi.org/10.1002/MDS.29172>

CONFERENCES

- Banwinkler, M., Dzialas, V., Hoenig, M. C., & van Eimeren, T. Gray matter volume of proposed brain-first and body-first Parkinson's disease subtypes. **Poster** presented at: International Congress of Parkinson's Disease and Movement Disorders; September 2022; Madrid, Spain.
- Banwinkler, M., Dzialas, V., Hoenig, M. C., & van Eimeren, T. Amygdala Volumina des "Brain-First" und "Body-First" Parkinson Subtypes. **Poster** presented at: Deutscher Kongress für Parkinson und Bewegungsstörungen; March 2022; Hannover, Germany.
- Banwinkler, M., Dzialas, V., Hoenig, M. C., & van Eimeren, T. Amygdala Volume in Proposed Brain-First vs. Body-First Parkinson's Disease Subtypes. **Poster** presented at: International Conference on Alzheimer's and Parkinson's Diseases; March 2022; Barcelona, Spain.

PROFESSIONAL EXPERIENCE

10/2020 - 04/2021 **Volunteer**, The Brainstorms Scientific Vienna, Austria
Project assistant in a neuroscience knowledge transfer company.

SKILLS

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| Languages | German (native), English (fluent) |
| Programming | R (intermediate), Python (intermediate), MATLAB (beginner) |
| Software | SPSS (intermediate), SPM (intermediate), FreeSurfer (beginner), Microsoft Office (advanced) |