ACKNOWLEDGEMENTS

Curriculum vitae
Acknowledgments

More than four years ago I was told that I could start as a PhD student in a department where I enjoyed my bachelor’s internship. At first, I expected that I would learn about bioinformatic analyses, microglia, and performing research, but it has taught me so much more. This way I would like to acknowledge the people who have cooperated during this (sometimes) challenging time.

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Appendix II

Marissa Dubbelaar was born on the 8th of July in Hoogeveen, the Netherlands. In 2012, she started at the Hanze University of Applied Sciences in Groningen to study bioinformatics, with a specialization in application design. However, during her internship year, the first project was more focused on the analysis of big data (transcriptomics). Under the supervision of I.R. Holtman at the Dept. neuroscience, this project aimed to determine the effect of age on an AD mouse model and respective control. The second project started, under the supervision of D. Hendriksen in the Dept. of Genetics, in February 2016. The main aim was to transform the glia open access database into an interactive web application. Ultimately, combining knowledge from application design and transcriptomic data analysis.

After her bachelor, she joined the Dept. Neuroscience under the supervision of H.W.G.M. Boddeke and B.J.L. Eggen, in 2016. During the past four years, she developed various bioinformatics pipelines, and performed analysis on the biological data. Furthermore, Marissa was involved in several Ph.D. councils and supervised several bachelor students. The results of her Ph.D. are presented in this thesis.


