



# NEVILLE MAGIELSE

MSC.


## PROFILE

I am an eager, self-motivated PhD candidate that is especially excited about sharing his science with other people. Primarily, I try to tell the story of how the cerebellum plays an essential - and still underrated - role in supporting most brain functions. I like networking, having discussions and learning about integrative neuroscience, and facing new perspectives on my own work.

## CONTACT

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Utrecht

## SKILLS

Teamwork	Networking
Solution-mindedness	Presenting
Communication	Supervision

## EXPERIENCE

### PhD Candidate

Forschungszentrum Jülich | 2022-2024

### Primary PhD publications

Phylogenetic comparative analysis of the cerebello-cerebral system in 34 species highlights primate-general expansion of cerebellar crura I-II

Neville Magielse, Roberto Toro, Vanessa Steigauf, and Mahta Abbaspour, Simon B Eickhoff, Katja Heuer, Sofie L Valk *Communications Biology*, 2023

A comparative perspective on the cerebello-cerebral system and its link to cognition

Neville Magielse, Katja Heuer, Roberto Toro, Dennis JLG Schutter, Sofie L Valk *The Cerebellum*, 2023

### Additional publications

An analysis-ready and quality controlled resource for pediatric brain white matter research

Adam Richie-Halford, Matthew Cieslak, Lei Ai, et al. *Scientific Data*, 2022

The coming decade of digital brain research - A vision for neuroscience at the intersection of technology and computing

Katrin Amunts, Andreas Rowald, Spase Petkoski, et al. *Computational and Systems Neuroscience*, 2022

### Scientific presentations

**The multifaceted cerebellum: learning from evolution, development, and large-scale meta-analysis**  
Dutch Cerebellum meeting, Utrecht (NL), 25.05.2024

[Title undecided]

Growth Charts for the Human Cerebellum, Rotterdam (NL), 22 & 23.04.2024

**Primate expansion of cerebellar crura I-II: primate-general or human-unique scaling?**  
Comparative Brain Meeting, Paris (France), 19-22.09.2023

**Cerebellar and Cerebral Volumes Coevolve Throughout Primate Evolution**  
OHBM annual meeting, Glasgow (Scotland), 19-23.06.2022

Talk  
(confirmed)

Talk  
(confirmed)

Talk

Poster




## EDUCATION

**Master Neuroscience and Cognition - Cum laude**  
Utrecht University 2021

**Bachelor Biomedical Sciences**  
Utrecht University 2019

**Gymnasium-Technasium (Nature & Health profile)**  
Goois Lyceum Bussum 2016

## LANGUAGES

	Native language
	Excellent to native level
	Conversational level

HOBBIES:   

## CV CONTINUED

### Student governance

Utrecht University and UMC Utrecht | 2017-2021

- Helped design and implement graduate school course "eXperience & eXpertise" - Graduate School of Life Sciences, Utrecht (NL) | 2021
- Vice chair Student Council and member Educational and Research Council - UMC Utrecht (NL) | 2018-2019
- Member Educational Council and Chair Year Representatives Biomedical Sciences Bachelor Utrecht (NL) | 2017-2019

### Miscellaneous experiences

- Care provider for the elderly, Doorn The Netherlands | 2017 - 2021
- Workshop host "What motivates students nowadays?" at the European First Year Experience conference, Cork, Ireland | 2019
- Sales employee at Ahold Delhaize, Naarden (NL) | 2013 - 2018
- Tutor at 't'ien voor je huiswerk', Bussum (NL) | 2015 - 2016
- Trainer Judo, Bussum (NL) | 2014 - 2015

### REFERENCE 1

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### REFERENCE 2

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