

# CURRICULUM VITAE

## Agnes Draxler, BSc MSc

### Contact information:

**Name** Agnes Draxler  
**Address** Department of Nutritional Sciences  
University of Vienna  
Josef-Holaubek-Platz 2 (UZA II), 1090 Vienna  
**Tel. office:** +43-1-4277-54938  
**ORCID ID:** 0000-0001-9750-4149  
**E-Mail:** [agnes.draxler@univie.ac.at](mailto:agnes.draxler@univie.ac.at)



### Research interests:

Exploring DNA and chromosomal damage, oxidative stress parameters, gene expression and DNA methylation analysis in human studies and animal models with focus on Aging and Covid-19.

### Current position:

- University assistant prae doc at the Department of Nutritional Sciences, University of Vienna
- Lecturer at the Department of Nutritional Sciences, University of Vienna

### Higher education:

- Since 2018 PhD student, Department of Nutritional Sciences, University of Vienna
- 2018 Master's degree, Nutritional Sciences, Specification on Molecular Nutrition, University of Vienna
- 2014 Bachelor's degree, Nutritional Sciences, University of Vienna

### Projects and collaborations:

**"NutriAging project" of the Research Platform Active Aging:** starting in 06/2018

in collaboration with the Department of Medical Biochemistry  
Comenius University Bratislava; Slovakia  
Prof. Wagner, Prof. Muchova, Prof. Wessner

**ABCD-Covid-19-study:** starting in 11/2020

in collaboration with SMZ Ost hospital, Vienna, Austria  
Prof. Wagner, Dr. Thell, Dr. Brenda Laky

**Long-Covid-Study:** starting in 02/2022

Cooperation with the Oxidative Stress Research Center, CPUT, Cape Town, South Africa  
Prof. Marnewick, Prof. Wagner

### Work experience:

Since 06/2018: University assistant prae doc  
since 10/2019: **Lecturer** at the Department of Nutritional Sciences (University of Vienna):  
Introduction into Laboratory Practices for Bachelor's students  
Scientific Writing and Bachelor's Thesis  
Molecular Research Methods in Nutritional Sciences for Master's students  
01/2016 – 04/2017 **Researcher** at the Austrian Agency for Health and Food Safety Ltd.:  
Research assistant, Investigation of GMO crops

## Skills:

Laboratory skills: Tissue and blood preparation, PBMC isolation, cell culture, DNA and RNA extraction, extractions for MS-Metabolomics and Lipidomics analyses, qPCR, pyrosequencing, electrophoresis, ELISA, HPLC, microscopy, Comet Assay Single Cell Gel Electrophoresis, CBMN assay

Computer skills: MS dial, SPSS, R, basic Python, MS office, Adobe Photoshop & Illustrator

## Publications:

- 2022** Unterberger S, Aschauer R, Zöhrer PA, **Draxler A**, Franzke B, Strasser E-M, et al. Effects of an increased habitual dietary protein intake followed by resistance training on fitness, muscle quality and body composition of seniors: A randomised controlled trial. *Clin Nutr.* 2022 May;41(5):1034–45. Q1, DOI:[10.1016/j.clnu.2022.02.017](https://doi.org/10.1016/j.clnu.2022.02.017)
- 2022** Aschauer R, Unterberger S, Zöhrer PA, **Draxler A**, Franzke B, Strasser EM, et al. Effects of vitamin D3 supplementation and resistance training on 25-hydroxyvitamin d status and functional performance of older adults: A randomized placebo-controlled trial. *Nutrients.* 2022;14(1). DOI: [10.3390/nu14010086](https://doi.org/10.3390/nu14010086)
- 2021** **Draxler, A.**, Franzke, B., Cortolezis, J.T., Gilles N.A., Unterberger, S., Aschauer, R., Zöhrer, P.A., Bragagna, L., ....., Wagner, K.H. (2021). The effect of elevated protein intake on DNA damage in older people: Comparative secondary analysis of two randomized controlled trials. *Nutrients*, Q1, DOI: [10.3390/nu13103479](https://doi.org/10.3390/nu13103479)
- 2021** Wagner KH, Schwingshackl L, **Draxler A**, Franzke B. (2021). Impact of dietary and lifestyle interventions in elderly or people diagnosed with diabetes, metabolic disorders, cardiovascular disease, cancer and micronutrient deficiency on micronuclei frequency - A systematic review and meta-analysis. *Mutat Res Rev Mutat Res.* 2021 Jan-Jun;787:108367. Q1; DOI [10.1016/j.mrrev.2021.108367](https://doi.org/10.1016/j.mrrev.2021.108367)
- 2020** Ben Ali, S. E., **Draxler, A.**, Poelzl, D., Agapito-Tenfen, S., Hochegger, R., Haslberger, A. G., & Brandes, C. (2020). Analysis of transcriptomic differences between NK603 maize and near-isogenic varieties using RNA sequencing and RT-qPCR. *Environmental Sciences Europe*,32(1), 1-23. Q1 DOI:[10.1186/s12302-020-00412-8](https://doi.org/10.1186/s12302-020-00412-8)

## Presentations:

- 10/22 Talk: VHS Vienna: „Gesundes Altern – Einfluss von Nährstoffen und Bewegung“
- 09/22 Talk: Young scientists' session at annual meeting of the Austrian Nutrition Society
- 09/22 Oral presentation at the Final NutriAging Conference (Comenius Uni. Bratislava)
- 09/22 Impulse talk: PhaNuSpo Doctoral School retreat: Highlights of my research
- 04/22 Poster presentation: Scientific advisory board of the Faculty of Life Sciences, University of Vienna
- 02/22 Video presentation of the main research focus  
link: [Healthy Aging: Agnes Draxler explains her research - YouTube](https://www.youtube.com/watch?v=...)
- 11/21 Poster presentation at the annual meeting of the Austrian Nutrition Society (ÖGE)

## Additional activities:

09/2020 – 09/2022: **Student representative** of PhD-students and member of the steering committee of the Vienna Doctoral school of Pharmaceutical, Nutritional and Sport Sciences (PhaNuSpo)