

# Curriculum vitae

Åsa Walberg

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## Education

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- 07/2021 – now **UZH Zurich**, Department of Gastroenterology and Hepatology, **PhD Student**
- 10/2018 – 03/2021 **RWTH Aachen University**, Master of Science, Biology  
Specialization: Medical Life Science  
**Master Thesis:** *'Establishing a native chromatin immunoprecipitation (ChIP) protocol to identify interactions between chromatin modifiers and DNA'*,  
Institute of Biology II, Functional Epigenetics in the Animal Model, RWTH Aachen University, Prof. Dr. Zimmer-Bensch
- 08/2019 – 12/2019 **NTNU Trondheim**, Norway, Erasmus+  
Attended courses: Neuroscience, Immunology, Nanotechnology
- 10/2015 – 09/2018 **RWTH Aachen University**, Bachelor of Science, Biology  
Specialization: Biotechnology  
**Bachelor Thesis:** *'The application of next generation sequencing for brain tumor diagnostics'*  
Institute of Neuropathology, University Hospital Aachen, Prof. Dr. Weis
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## Work experience

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- 03/2020 – 11/2020 **RWTH Aachen University**, Institute of Biology II, Functional Epigenetics in the Animal Model, Student assistant
- support of Animal Facility (mice)
  - supervision of practical course in epigenetics
- 05/2019 – 06/2019 **RWTH Aachen University Hospital**, Institute of Biochemistry, Student assistant
- supervision of practical course in biochemistry
  - western-blot and immunodetection
- 02/2018 – 04/2019 **RWTH Aachen University Hospital**, Institute of Neuropathology, Student assistant
- support in liquid biopsy study: Extraction of circulating free DNA from liquids of brain tumor patients
  - laboratory assistance in molecular tumor diagnostics: extraction of DNA/RNA from blood and tissue, PCR, NGS
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## Skills and Hobbies

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- Languages English (C1), Spanish (beginner), Norwegian (beginner), Latinum
- Software MS-Office programs: Excel, PowerPoint, Word
- Knowledge Image J, Citavi, Photoshop, LASX Leica, Phyton (basics)
- Extracurricular Activities Participation in the Digital Shaper Program 2020, TechLabs Aachen  
Project: *'Early Prediction of Sepsis from Clinical Data'*
- Dance and Choreography for Charity Events in Aachen as part of the *'Young Choreographers'* project of the Dance School *'Tanzwerkstatt Carla Brettschneider'* Aachen
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