

Curriculum Vitae

Anna Bircher

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Department of Gastroenterology and Hepatology
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Professional Experience

Since 05/2020

UZH, Department Gastroenterology and Hepatology, Zürich
PhD Student

- Unravelling the mechanism behind the anti-tumor effect of commensal gut microbes in solid tumors

03/2019 - 05/2020

UZH, Department Gastroenterology and Hepatology, Zürich
Research Technician

- Targeting tumor defense with microbiome therapy – a disruptive and holistic approach to fight colorectal carcinoma

06/2018 – 12/2018

Gempex GmbH, Sisseln

Associate consultant

- Consulting in the field of Life Science
- GMP, GLP, GDP

03/2018 – 06/2018

MSD Werthenstein BioPharma GmbH, Werthenstein

Quality Auditor

- Approve production and analytical documentation of API and clinical supply lots
- Ensure conformance to regulatory requirements (GMP)

11/2017 – 02/2018

Bergauer AG, Dättwil

Contributor in the Process Visualization

- Creating and editing traffic signal maps

10/2016 – 12/2016

Inselspital, Department for BioMedical Research, Bern

Scientific Assistant in the field of intensive care medicine

- Research and consulting in the intensive care unit for multicenter trials
- Effect of Midazolam on the mitochondrial respiratory function of cultured human hepatocytes

04/2016 – 08/2016

ETHZ, Institute of Molecular Health Sciences, Zurich

Student Research Assistant in the field of genetic screening for epigenetic and genetic regulators

- Generation of viral gene traps with further identification of insertions sites by linear and exponential PCRs

Education

02/2016 – 09/2017

Master of Science in Health Science and Technology (MSC)

Major: Molecular Health Science

Swiss Federal Institute of Technology Zurich (ETHZ)

Master's Thesis:

- Characterization of age-related changes in *Caenorhabditis elegans*, toward identifying mechanisms that repair crosslinking and glycation of the extracellular matrix

09/2013 – 09/2016

Bachelor of Science in Health Science and Technology (BSC)

Swiss Federal Institute of Technology Zurich (ETHZ)

09/2012 – 09/2013

Base year in Biology

Swiss Federal Institute of Technology Zurich (ETHZ)