

Curriculum vitae

Sabrina Gabriella Steiner



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Profile

Molecular geneticist with wide knowledge in molecular biology techniques. Involved in the investigation of pathomechanism of multiple human diseases. Highly organized with distinct analytical way of thinking. Strong team spirit and well developed communication skills. I am looking for a PhD position which offers a new challenge to improve my skills in the field of genetical manipulations.

Education

- 2016 - present: **Doctoral studies, PhD Program in Integrative Molecular Medicine** at the University of Zurich
Pancreas Research Laboratory, University Hospital Zurich
Dissertation: "Gastrokine as an early marker for pancreatic carcinogenesis"
Supervisor: Prof. Dr. Rolf Graf
- 2013 – 2015: **Master of Science UZH in Genetics** from the University of Zurich
Institute of Medical Molecular Genetics, Schlieren
Thesis: "Approaches to develop treatment strategies for two eye diseases"
- 2010 – 2013: **Bachelor of Science FHNW in Molecular Life Sciences** from the University of Applied Sciences Northwestern Switzerland
Thesis: "Correlation of gag mutations and the resistance against protease inhibitors in HIV"

2006 – 2010: **Specialized Maturity Certificate in health** from the Gymnasium Liestal

Internships

Feb. 2014 - Apr. 2015: 15 months as master student at the Institute of Medical Molecular Genetics
Supervisors: Dr. Barbara Kloeckener- Gruissem and Prof. Dr. John Neidhardt

Apr. 2013 – June 2013: 3 months as bachelor student at the Department of Biomedicine
Supervisor: Prof. Dr. rer. nat. Thomas Klimkait

Apr. 2012 – May 2012: 2 months for a term paper at the FHNW Life Sciences
Title: “Detection of Tetrazyklin resistance genes tet(M) and tet(S):
Development of a testsystem to detect these genes with TaqMan“
Supervisor: Prof. Dr. Eric Kübler

Sep. 2009 – Apr. 2010: 8 months for the Fachmatur at the Department of Biomedicine
Title: “Development of an HIV-cassette“
Supervisor: Prof. Dr. rer. nat. Thomas Klimkait

Techniques

Molecular Biology: PCR, qPCR, cloning, Western Blot, sequencing, transformation
Cell culture: Maintaining cells in culture, lentiviral production, cell transfection
Immunohistochemistry: Cell preparation, staining, evaluation with fluorescence microscopy
In vivo: *Xenopus laevis* oocyte injections

Languages

German: Native
English: Fluent in spoken and written
Italian: Fluent in spoken and written

Other Interests

Running, Cooking, Travelling