DARIO CERLETTI

Computational Biologist

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EXPERIENCE

PhD in Systems Biology & Immunology
ETH Zürich

📅 August 2015 – Ongoing 📍 ETH Hönggerberg

- study the features and development of CD8+ T cells in chronic viral infections
- make use single-cell sequencing technology combined with multivariate computational analysis
- try to understand phenotypic changes in T cell during the course of an infection
- conduct both experiments and computational anlysis

EDUCATION

M.S. in Systems Biology
ETH Zürich

📅 Sept 2013 – Dec 2014
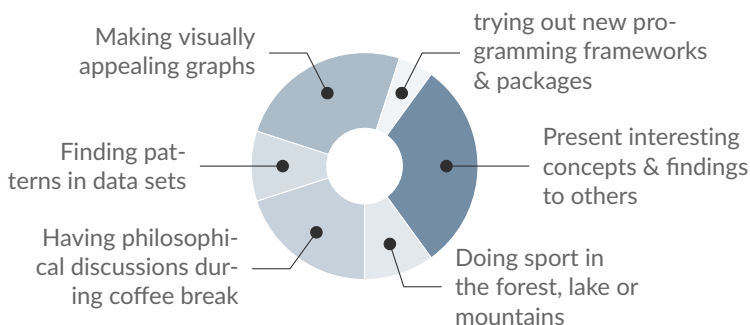
B.S. in Biology
ETH Zürich

📅 Sept 2010 – July 2013

Matura Physik & Mathematik
Kantonsschule Zug

📅 Sept 2003 – July 2009

MOTIVATING ACTIVITIES

- Making visually appealing graphs
- trying out new programming frameworks & packages
- Finding patterns in data sets
- Present interesting concepts & findings to others
- Having philosophical discussions during coffee break
- Doing sport in the forest, lake or mountains

STRENGTHS

independently working   fast learning
cooperative & team oriented

Multivariate analysis   Dynamic Simulations   Data Visualization

LIFE PHILOSOPHY

"It is not little time that we have, but a lot of time that we do not use"

MOST PROUD OF

Exploring new ways
to generate data in immunology and combine statistics with biology

Continue learning
new computational skills and experimental techniques on the go

Helping others
to understand and study the complexity of biology

SKILLS

Python   ●●●●●
R   ●●●●○
LaTeX   ●●●●○
MATLAB   ●●●○○
Molecular Biology   ●●●●○

LANGUAGES

German   ●●●●●
English   ●●●●○
French   ●●●○○

REFEREES

Prof. Manfred Claassen
@ Institute of Molecular Systems Biology
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Prof. Annette Oxenius
@ Institute of Microbiology
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