Tuncay Baubec, PhD
SNSF Assistant Professor
IVBMB - University of Zurich
www.baubeclab.org
tuncay.baubec@fmi.ch

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SNSF-funded PhD Student Positions in Epigenetic Gene Regulation and Systems Biology

We are looking for talented and motivated PhD students to join our newly established group at the University of Zurich (starting June 1st). Research in our laboratory is focused on understanding the role of epigenetic modifications in transcriptional regulation and genome function.

Projects will aim to uncover the mechanisms that generate and interpret epigenetic modifications, genome-wide. In particular, we will investigate how epigenetic regulators are targeted to the genome in a tissue- and site-specific manner, and identify their influence on transcriptional output. Candidates will employ a variety of techniques ranging from embryonic stem cell culture, high-throughput genome engineering, genome-wide mapping, proteomics and computational analysis.

To qualify, the candidates should have previous research experience in molecular biology, genetics/genomics or biochemistry. Experience in epigenetics, gene regulation and/or bioinformatics will be particularly valued.

We offer excellent support and supervision, access to state-of-the-art facilities and an interactive and comprehensive education within the Life Science Zurich Graduate School. Salaries are according to the Swiss National Science Foundation and start from 47'040.- CHF in the 1st year.

Please forward your application including a motivation letter stating why you would like to join our lab, a *curriculum vitae* and contact information for referees to: tuncay.baubec@fmi.ch.

Deadline for the application is **May 10th**. The starting date can be negotiated.

Selected publications:
Baubec *et al*., Nature 2015;
Baubec *et al*., Cell 2013;
Baubec and Schübeler, Cur.Op.Gen.Dev. 2014;