

The Laboratory of Regulatory Evolution at the University of Basel is currently looking for a Master or Bachelor student to study the molecular and ontogenetic basis of dietary adaptations in vertebrates at the macro- and micro-evolutionary scale. This project will be part of a SINERGIA consortium funded by the Swiss National Science Foundation (SNF), and will be carried out in collaboration with the labs of Walter Salzburger (University of Basel), Marcus Clauss (University of Zürich) and Henrik Kaessmann (University of Heidelberg).

The project will be based on functional single-cell genomics data (scRNA-seq and scATAC-seq) and large tissue sample collections (comparative histology, immunohistochemistry) coming from two adaptive radiations, African cichlids and mammals. The project can be purely bioinformatics- or wet lab-based, or a combination of both.

For more information, please visit <https://evolution.unibas.ch/tschopp/research/>

Interested students can send their applications, including a letter of motivation and a short CV, to patrick.tschopp@unibas.ch.

