



Trypanosoma brucei

PhD position: Mitochondrial Biogenesis in Parasitic Protozoa

Applications are invited for a **Ph. D. Student position**, funded by the Swiss National Foundation at the **Department of Chemistry and Biochemistry** at the **University of Bern/Switzerland**. We are a highly motivated research group that studies mitochondrial biogenesis using the parasitic protozoan *Trypanosoma brucei* as a model. The main focus of our work is on **mitochondrial protein import, mitochondrial DNA inheritance, mitochondrial ribosomes and mitochondrial quality control**. Previous work has shown that these processes are very different in trypanosomes when compared to the standard model systems of yeast and mammals. It is our aim to understand the **molecular mechanisms of these processes and their significance for the evolutionary history of eukaryotes** in general. The student has to have a background in Molecular and Cell biology and/or in Biochemistry. Moreover he/she has to fulfill the requirements - and will be part - of the Graduate School for Cellular and Biomedical Sciences of the University of Bern (www.gcb.unibe.ch). Knowledge in German is desired but not required. Please send your motivation letter, CV, a summary of your master thesis and the names of two referees by email to Prof. André Schneider (andre.schneider@dcb.unibe.ch).



City of Bern