

**Two postdoctoral positions
-computational biology-
available in the
Division of Archaea Biology and Ecogenomics
at the University of Vienna, Austria**



The Division of Archaea Biology and Ecogenomics offers two postdoctoral positions in computational biology funded by two recently awarded highly competitive grants that involve extensive comparative genomic, metagenomic, and/or phylogenetic analyses in close context to experimental explorations.

see <http://genetics-ecology.univie.ac.at>



The first position is offered in the project “*Pan-metabolic profiling of Archaea: The ecology of genomics*” of the recently founded “Genome Evolution and Ecology Group (GEEG)” funded by a WWTF Vienna Research Groups for Young Investigators grant, awarded to Dr. Filipa Sousa.

The main research interest is to understand the evolution and diversity of metabolism, with special focus in archaea, and how the different metabolic profiles 1) can be automatically identified from genomic data; 2) have evolved across (archaeal) lineages (both vertical- and horizontally) and 3) might have influenced earth biogeocycles over time.



The second position is open in the project “TACKLE: *Dissecting the Ecology and Evolution of Archaea to Elucidate the Prokaryote to Eukaryote Transition*” funded by an ERC Advanced grant to Christa Schleper. It will involve the analyses of large metagenomic and genomic datasets to reconstruct and analyze genomes and transcriptomes of novel archaeal lineages.

Minimum requirements:

- PhD in (bio)informatics or related fields with excellent knowledge of biology.
- Knowledge of programming languages common to bioinformatics (R, Perl etc.)
- Knowledge of database management systems (SQL) is a plus
- Excellent oral and writing English proficiency

We expect candidates to be highly motivated, to have excellent communication and interpersonal skills and to like working in an interdisciplinary and international environment. Positions will be open until filled and will have a duration of two to three years.

Interested candidates, please send your complete application in English to Filipa L. Sousa (filipa.sousa@univie.ac.at) and/or Christa Schleper (christa.schleper@univie.ac.at) including a cover letter, CV (with list of publications) specifying relevant technical skills, and two references/reference letters all together in a single pdf file.