

**FWF-funded post-doctoral position in synthetic chromatin biology  
In Vienna Biocenter, Berger Lab**

**We are searching for a postdoctoral fellow to join our group working on an exciting project that aims to understand how histone variants orchestrate protein-genome interactions.**

Access to the information contained in our genes is controlled by histones. Histones variants are proposed to provide a code that either permits or restricts access to this genetic information. In this project, we will investigate this hypothesis by focusing on variants of the H2A family. We have initiated projects using fission yeast to identify the origin of H2A variants specific properties. In this project, we plan to extend this synthetic approach to apply deep mutagenesis and engineer emergent properties, creating synthetic variants that can be used for further mechanistic investigations in basic research as well as tools for biotechnology.

The candidate should have a PhD in Molecular Biology, Biochemistry, Genetics or equivalent; a background in chromatin biology and gene regulation; and a strong interest in genome engineering, quantitative biology and experience with research using fission yeast. Candidates should have first or co-author publications in the respective field. Working language at Vienna Biocenter is English.

The appointment is initially for two years with possibility of extension based on performance. Candidates are furthermore encouraged to apply for competitive postdoctoral fellowships.

Vienna is one the best livable cities in Europe and life quality is excellent for families. Vienna offers many opportunities for positions in academia and industry.

Please send you cv with two contacts for reference to  
[frederic.berger@gmi.oeaw.ac.at](mailto:frederic.berger@gmi.oeaw.ac.at)