

**Senior Research Staff and Postdoc Positions Available at University of Vienna** Application s are invited for a senior research staff position and a postdoc position in the Department of Molecular Evolution and

Development at University of Vienna. Both are supported by the European Research Council (ERC) grant lasting for five years, and planned for at least two years starting from August 1st, 2016 with possible renewal. The successful applicants will work on the epigenomic evolution of Drosophila sex chromosomes. We will be using Drosophila species with recently born sex chromosome (=E2=80=98neo-sex') systems to address: How does the Y chromosome become heterochromatic? How does this universal evolution process drive the adaptation of small RNA defense systems? And how does such a male-specific arms race between parasitic transposable elements and small RNAs fuel the changes of the female genome?

The candidates are expected to be independent and highly motivated, and are required to have a Ph.D. in molecular biology, genetics or other related field. Essential qualifications include demonstrated experience in Drosophila transgenics, CRISPR/Cas9 mutagenesis, in situ hybridization, next-gen sequencing library preparation (RNA-seq, ChIP-seq & CLIP-seq). Knowledge and skills in bioinformatics (Unix, perl/python programming etc.) and next-gen sequencing data analyses (genome assembly and annotation, ChIP-seq and RNA-seq data analyses) are highly desirable but not mandatory. The senior staff is required to have at least 8 years' postdoctoral research experience. Successful applicants will receive very competitive salary and benefits and enjoy the diverse and vibrant research environment of the Department and the University. The group members will have frequent interactions with other neighbor labs of Drosophila neurobiology (Prof. Thomas Hummel) and developmental biology (Prof. Ulrich Technau), and have a chance to develop collaborative research projects. The university is located near the city center of Vienna, which also houses numerous world's leading research institutes including Gregor Mendel Institute, Institute of Molecular Biotechnology and Institute of Science and Technology etc. The city has gathered many great scientists in evolutionary biology ( [http://www.univie.ac.at/evolvienna/?page\\_id=3D6](http://www.univie.ac.at/evolvienna/?page_id=3D6) ), RNA biology ( <http://www.mfpl.ac.at/rna-biology/> ) and there is an encouraging plan to move the biology departments of the University near other institutes of Vienna Biocenter. Vienna has been voted as the world's most livable city for the seventh time, and is famous for its history and culture, and now also a modern and international lifestyle.

Interested candidates please send her/his CV and contact information of three referees to Dr. Qi Zhou ( [muntjaczhou@gmail.com](mailto:muntjaczhou@gmail.com) ). **We will start reviewing the application immediately until the position is filled.**

QiQi Zhou < [muntjaczhou@gmail.com](mailto:muntjaczhou@gmail.com) >

