

A postdoctoral position in evolutionary genomics is available in the Vicoso group at the Institute of Science and Technology, Austria. The general focus of the lab is the evolution of sex chromosomes, which we investigate using a combination of experimental and computational approaches. Questions that motivate our research include: why do some Y/W chromosomes degenerate while other remain homomorphic? What forces drive some species to acquire global dosage compensation, while others only compensate specific genes? What are the frequency and molecular dynamics of sex-chromosome turnover?

The successful applicant will apply comparative genomics analyses to a wide variety of species, and combine them with population DNA and gene expression data, to achieve a better understanding of the evolutionary and molecular forces driving sex chromosome differentiation. Candidates wishing to work on a specific project in sex chromosome evolution are also encouraged to apply.

Applicants should have obtained, or anticipate obtaining by the start date, a PhD in biology, genetics, bioinformatics, or a related field. A strong background in one or more the following areas is highly desired:

- comparative genomics
- molecular evolution
- population genetics
- bioinformatics

The initial appointment is for two years, with the possibility of extension and a minimum salary of 49,070 Euros per year (gross).

IST Austria (www.ist.ac.at) is a young and vibrant institute dedicated to basic research, with a strong focus on evolutionary biology (other EB groups include those of Nick Barton, Jonathan Bollback, and Sylvia Cremer) and ties to several evolutionary groups in the area (www.univie.ac.at/evolvienna/). We are located on the outskirts of Vienna, and the official language of the institute is English.

To apply, send a short summary of research interests, a CV, up to three relevant publications/manuscripts, and the names and contact information for three references to Beatriz Vicoso (bvicoso@ist.ac.at). The review of applications will start on July 1st and continue until the position is filled. The start date is flexible, but an earlier start would be preferable.

More information on the lab is available at: <http://ist.ac.at/research-groups-pages/vicoso-group/>