Postdoctoral & PhD positions in computational biology, University of Vienna

Dear colleagues,
I hope you are doing well!
I am writing because I am searching for a postdoc (3 years), a PhD student (4 years) and a data
scientist (2 years) to work with me (details below). Starting in August, I will have funding for these
three positions in my group at the University of Vienna, with the goal of computationally studying
admixture landscapes in genomes of multiple species.
Lab members will have access to all necessary resources and be part of a multi-disciplinary
Anthropology department which is currently expanding in evolutionary genetics and ancient DNA
research. Also, Vienna is a hotspot of evolutionary research. Salaries follow the collective agreements
of the university. The University of Vienna, the Department of Anthropology, and I as group leader
support equality and diversity.
If you can think of a good candidate for any of these positions, please forward this information, or
put us in contact! Also please feel free to share this with your networks!
Best regards,
Martin Kuhlwilm

1. Postdoctoral fellow (3 years)
The main project of the postdoctoral fellow will focus on developing strategies for analysing patterns
of gene flow in large datasets of different species, mostly primates including humans, and possibly
other species. These strategies will rely on computational methods, including demographic modeling,
Bayesian methods, or machine learning, to identify introgressed material in different species.
Applicants should have experience in such approaches, as evidenced by publications/PhD thesis.
Prospective applicants should hold a PhD in Computational Biology, Evolutionary Genomics,
Statistics, Bioinformatics, or related fields. The position is for a period of 3 years (with the possibility
of extension).

2. Data Scientist/Postdoctoral fellow/Bioinformatician (2 years)
The data scientist/postdoc will process, curate and analyse large genomic datasets from ancient,
historical and present-day genomes from humans and other species. A background in bioinformatics
and/or data analysis is required for this position, either a PhD in the field, or experience as evidenced
by publications/public analysis pipelines or similar. The position is for a period of 2 years.

3. PhD student (4 years)
The main project of the PhD student (4 years) will be work on gene flow in large ancient/historical
genome data from humans (and possibly other species), integrating with the method development of
the Postdoctoral fellow, as well as the lab of Prof. Ron Pinhasi from the same department, a leading
expert in ancient DNA research and key collaborator.

For all positions, to apply, please send a cover letter, curriculum vitae, and names of 3 references to
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