

DEPARTMENT OF BIOLOGICAL SCIENCES**Postdoctoral research position in genomics and transcriptomics at the University of Cyprus**

Title: Postdoctoral Researcher
No. of Positions: One (1)
Category: One (1) year contract with possibility of renewal
Location: University of Cyprus, Nicosia

We are inviting applications for a Postdoctoral Researcher position to work with Alexander Kirschel in the Department of Biological Sciences at the University of Cyprus. The role will involve working on a Cyprus Research and Innovation Foundation (RIF) project involving collaboration with Associate Professor Bridgett vonHoldt, an expert in evolutionary genomics and epigenetics at Princeton University and Dr. Andrea Fulgione an expert in evolutionary and computational genomics of plants at Max Planck Institute for Plant Breeding Research.

DUTIES AND RESPONSIBILITIES

You will work on bioinformatics pipelines and downstream genomics analyses of whole genome sequences and ddRAD sequencing, working closely with Dr. vonHoldt and Dr. Fulgione. Genomics analyses include admixture mapping, GWAS, and RNAseq to examine gene expression patterns associated with phenotypic characters. Population genomics analyses will include demographic inference, based on site frequency spectrum and multiple sequentially Markovian coalescent (MSMC) approaches, as part of an investigation into discordance between nuclear genome and mitogenome phylogenies, while D statistics, metabarcoding and landscape genomics will also be used.

REQUIRED QUALIFICATIONS

A PhD in a related subject
Molecular lab experience in genomic library preparation
Proficiency in R
Expertise in bioinformatics and command line
Experience with genome assembly
Proficiency in English

Desirable skills

Experience with demographic inference
First author publications in peer-reviewed scientific journals

Location

The position is based at the University of Cyprus, in Nicosia.

EMPLOYMENT TERMS

The position is for an initial 12 months, with possibility of extension. The gross annual salary range for full time employment ranges from €26,000 - €32,500 per annum commensurate with experience.

How to apply

Applications for this position are due by **17th February 2023**.

Informal enquiries and applications, including a cover letter, CV, details of two referees, and a list of publications, should be sent by email to:

Associate Professor Alexander Kirschel
Behavioural Ecology and Evolution Lab
Department of Biological Sciences
University of Cyprus

kirschel@ucy.ac.cy

At least the best three candidates that satisfy the required qualifications, will be interviewed by a 3-member Committee.

Candidates shall be informed of the result of their application by the relevant entity.

The University of Cyprus shall collect and process your personal data according to the provisions of the General Regulation on Personal Data 2016/679 (EU).

The University of Cyprus (UCY) is committed to promoting inclusivity, diversity, and equality, as well as the elimination of all forms of discrimination in order to provide a fair, safe, and pleasant environment for the entire university community, where students and staff members will feel supported both in their professional and personal development, within and beyond their multiple identities. To this end, UCY seeks to create the necessary conditions that will encourage and respect diversity and ensure dignity both in the workplace and society at large. Moreover, UCY has adopted specific policies to promote equal opportunities, as well as respect and understanding of diversity, while it is committed to promoting and maintaining a working, teaching, and learning environment, free from any form of discrimination, whether direct or indirect.