



BIOLOGY SECTION
DEPARTMENT OF GENETICS AND EVOLUTION
Anthropology Unit
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Open PhD position

A PhD position in molecular population genetics is available at the Anthropology Unit of the Department of Genetics and Evolution, University of Geneva, Switzerland, under the supervision of **Professor Alicia Sanchez-Mazas** (<http://ua.unige.ch/en/personne/aliciasanchezmazas>). The project will consist in the analysis of **DNA sequence data of the Human Leukocyte Antigen (HLA) genes in African populations**. The main aim is to investigate the molecular diversity and evolution of these immune genes in Africa within an evolutionary framework taking into account demographic history and selective pressures.

We are seeking a highly motivated person with a strong interest in human evolution, population genetics and genomics, immunogenetics and anthropology.

Requirements:

Master degree in biology or equivalent;
Skills in population genetics and bioinformatics;
English speaking, reading and writing;
Collaboration and communication abilities;
Previous experience in DNA sequence data analysis is a plus;
French speaking is not mandatory but is an asset.

Terms of employment:

Duration: 4 years, provided that the first year is successful (trial period);
Start: the position is available from 1st May 2020 or by arrangement.
Salary: Swiss National Science Foundation (www.snf.ch) salary scale for a candoc.

Other conditions:

The PhD student will participate to the teaching and other activities of the Laboratory.

About the Anthropology Unit

The Anthropology Unit of the Department of Genetics and Evolution at the University of Geneva, Switzerland, offers a very stimulating scientific environment with several independent groups of research, international collaborations and excellent computer resources. It is located in the Science campus in the heart of the city of Geneva. Both English and French are the working languages in the Lab. More details about the Anthropology Unit may be found at <http://ua.unige.ch/en/> and more information on the Department of Genetics and Evolution at <http://genev.unige.ch>.

How to apply

Applications should be sent as **a single pdf file** by email to Professor Alicia Sanchez-Mazas (alicia.sanchez-mazas@unige.ch) by **February 14th, 2020**. It should include a cover letter, a detailed CV, at least two letters of recommendation, copies of secondary and university diplomas, and an attestation of B1 competency level (Common European Framework of Reference for Languages) in the English language.