

RÉPUBLIQUE DU CAMEROUN

REPUBLIC OF CAMEROON

Peace – Work – Fatherland

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## Advertisement

### PhD and Post-Doctoral Fellowships at the Department of Biochemistry of the Faculty of Science, University of Dschang, Cameroon

#### Project Summary

Funded by the African Academy of Sciences in collaboration with the Wellcome Trust, TrypanoGEN<sup>+</sup> is a Pan African collaborative research network investigating how host and parasite genetics influence susceptibility to Human African Trypanosomiasis and Schistosomiasis. The network comprises of 6 Institutions in Cameroon, DRC, Guinea, Ivory Coast, Malawi, and Uganda as well as 3 Northern partners in France and the United Kingdom. The TrypanoGEN<sup>+</sup> component at the Department of Biochemistry of the University of Dschang is offering; three fellowships in the following research areas:

1. Postdoctoral fellowship (1 position): "Fine mapping of some candidate genes in order to identify loci associated with the tolerance/susceptibility to *Trypanosoma brucei gambiense* infections".
2. PhD Fellowship (1 position): "Host genetic determinants for the susceptibility to high burden of *Schistosoma mansoni*: implications for the understanding of schistosomiasis transmission".
3. Lab technician (1 position)

#### Eligibility

- Technician applicant must be below 35 years of age. He must have good experience on parasitological techniques. Previous experience on Trypanosomiasis, schistosomiasis and exposure to molecular biology techniques will be added advantage; or ii) previous experience of field research will be also an added advantage.
- PhD fellowship is opened to nationals of the respective disease endemic countries and below 35 years of age. Applicants should hold either i) Masters Degree in Biomedical science

related fields (Molecular Biology, bioinformatics, Medicine, Veterinary Medicine, Biochemistry, parasitology). Previous experience on Trypanosomiasis, schistosomiasis or exposure to molecular biology techniques including bioinformatics will be added advantage; or ii) previous experience of field research will be also an added advantage.

- Postdoctoral fellowship applicants must be under 40 years and holders of PhD in Biomedical science related fields completed within the past year, with experience in genomics/genetics of neglected tropical disease and sufficient knowledge in bioinformatics including manipulations of large sequence data sets. They should be able to provide training to Master and PhD students.

All applicants should be fluent in French and English with excellent communication skills and demonstrated ability to work in a team and in a highly motivated, result oriented group.

### **Application process**

- i) Prospective applicants should contact Prof Gustave SIMO by email ([gustave.simo@univ-dschang.org](mailto:gustave.simo@univ-dschang.org) or [gsimoca@yahoo.fr](mailto:gsimoca@yahoo.fr)) to express their interest and submit their Curriculum Vitae (CV);
- ii) Applicants found to be eligible will be asked to send in a full application, a cover letter with a motivation statement, and names of two referees; the referees will be required to separately send recommendation letters by email to Prof Gustave SIMO ([gustave.simo@univ-dschang.org](mailto:gustave.simo@univ-dschang.org) or [gsimoca@yahoo.fr](mailto:gsimoca@yahoo.fr)):
- iii) Those who qualify from ii) above will be invited to submit a Concept note in line with the research theme;
- iv) The best candidates for each post will be invited for oral interviews to select the candidate that will be funded.

### **Fellowship award**

Successful candidates will receive an award letter. The fellowship will provide a monthly stipend, research expenses and travel costs.

