

Het Instituut voor Tropische Geneeskunde in Antwerpen

is één van de belangrijkste instellingen in de wereld voor opleiding en onderzoek in tropische geneeskunde (met inbegrip van aids), reisgeneeskunde en ontwikkeling van gezondheidszorg in ontwikkelingslanden.

Wij zijn op zoek naar een:

Post-doctoral bioinformatician mycobacteriology Department of Biomedical Sciences – Unit of Mycobacteriology

The Institute of Tropical Medicine (ITM) is internationally recognized as a center of excellence for education, research and service delivery in the field of tropical infectious diseases. Within the Department of Biomedical Sciences, the Unit of Mycobacteriology, headed by Prof. de Jong, conducts studies to understand the evolution and transmission dynamics of tuberculosis and Buruli ulcer. The unit has several collaborative projects with partners in endemic regions - among others in Benin, the Gambia and the Democratic Republic of the Congo. A position is opened in this group for a post-doctoral researcher who will contribute to this line of research using his or her expertise in comparative genomics and bioinformatics.

Assignment

- You will be involved in a project to study the impact of an enhanced-case-finding strategy on tuberculosis transmission currently ongoing in The Gambia ($\pm 50\%$ of your time).
- You will be involved in a project on the global spread and transmission dynamics of *Mycobacterium ulcerans* in Benin and the Democratic Republic of the Congo ($\pm 50\%$ of your time).
- You will apply state-of-the-art NGS methodology and bioinformatics.
- You will act as supervisor of students who write a master's thesis and/ or PhD students.
- You will take part in capacity building activities within ITM and outside ITM, as well as peer review activities.
- You will develop your own research projects and apply for competitive research grants.

Profile:

- You hold a relevant PhD degree in bioinformatics, or will complete such a PhD degree prior to starting this position.
- You have experience with comparative genomics of prokaryotic organisms, basic script writing, sequencing pipeline development and phylogenetic analysis.
- Knowledge of biology and/or experience working with biologists would be an asset.
- Knowledge in statistics and/or mathematical modeling would be an asset.
- You have excellent knowledge of English. Fluency in French would be an asset, as well as (an interest in learning) Dutch.

We offer:

- An intellectually stimulating, international and socially committed environment, with room for personal initiative.
- A full-time contract of 2 years, with possibility of renewal. Commencement of employment: January 1, 2014.
- A salary set according to the pay scales of the ITM and the Flemish universities.
- Reimbursement of public transport costs, bicycle compensation and luncheon vouchers.

Interested?

For more information about this position, please contact Prof. Dr. Bouke de Jong, Head of the Unit of Mycobacteriology (bdejong@itg.be, or +32 (0)3 247 65 90). Applications with application form and motivation letter should be sent by e-mail to vacatures@itg.be, by October 18, 2013. Please use the application form available as a download on www.itg.be/vacatures.



Instituut voor Tropische Geneeskunde
Institut de Médecine Tropicale
Institute of Tropical Medicine

Stichting van Openbaar Nut

Nationalestraat 155 | 2000 Antwerpen | Tel: +32 (0)3 247 66 66 | Fax: +32 (0)3 216 14 31 | E-mail: info@itg.be



www.itg.be



@ITMantwerp



ITGITMantwerp