**Research Fellow (Bioinformatics) Department of Biomedical Sciences
Unit of Mycobacteriology**

The Unit of Mycobacteriology is a renowned laboratory dedicated to the control of tuberculosis, Buruli ulcer, leprosy and other mycobacterial diseases, with in-depth expertise and strong collaborations world-wide, including with partners in highly endemic countries. We conduct fundamental and applied research and provide services to clinical laboratories, control programs, NGO projects and for clinical trial support. The unit also hosts the ISO9001-certified BCCM/ITM public collection of mycobacterial strains, offering high quality microbial and genetic resources, services and scientific expertise for industry and academia.

We offer a unique position of scientific researcher in mycobacterial bioinformatics.

* You drive and conduct research on the phylogeny of mycobacteria, including drug resistance mechanisms, transmission and comparative genomics.
* You contribute to ongoing research by PhD and Master students while building your own research line embedded in the unit’s and culture collection’s portfolio’s.
* You apply for funding for own research.
* You write and contribute to scientific publications.
* You build and maintain a network of internal and external contacts within your specialist field.
* You contribute to relevant collaborations within and outside the Institute. Teaching and services require around 20% of your time.

The candidate will be selected based on an outstanding research record (including, but not exclusively publications), relevant in-depth experience, an innovative drive, strong motivation and networking skills.

**Profile**

• You hold a PhD in bacterial genomics, preferably with a whole genome sequence analysis component.

• You have at least 3 years Postdoc experience of academic research, preferably in pathogenic (myco)bacteria, with in-depth expertise in whole genome sequencing assembly and analysis; comparative genomics, phylogeny and/or genotype-phenotype comparisons

* You are highly proficient in UNIX and at least one other programming language (preferably R or Python).
* Experience in GWAS, metagenomics, taxonomy and/or statistics is a strong asset.

• You speak and write in English fluently. Knowledge of Dutch and other relevant languages (French, Spanish) is an asset.

• You are highly motivated, with a multidisciplinary attitude and affinity with ITM's vision and mission

**Offer**

* An intellectually stimulating international and socially committed research environment with room for personal initiative.
* A fulltime position, starting with a contract of two years. Starting date is August 1st, 2019.
* You will work at the ITM headquarters, situated in the bustling city of Antwerp.
* Reimbursement of public transport costs and/or bicycle compensation, luncheon vouchers and private pension scheme.

**Interested?**

For more information about this position, please contact Prof. Dr. Bouke de Jong (bdejong@itg.be or +32 (0)3 247 65 90) or Prof. Dr. Leen Rigouts, and/or meet us at the ESM conference in Valencia http://www.esmcongress.org/.

Download the ITM application form from [www.itg.be/vacatures](http://www.itg.be/vacatures).

Send the completed application form with a letter of motivation to vacatures@itg.be by July 19th, 2019.