

## **Congratulations to Prof. Sebastien Gagneux who has been selected for Faculty of 1000 Biology**

An article on “Human T cell epitopes of *Mycobacterium tuberculosis* are evolutionary hyperconserved“ (Nat Genet 2010 Jun) has been selected for Faculty of 1000 Biology (<http://www.f1000biology.com>) and evaluated by Christopher Plowe: see <http://www.f1000biology.com/article/id/4517957>.

The article of Sebastien Gagneux and his colleagues describes a surprising finding of low antigenic variation in a genetic analysis of *Mycobacterium tuberculosis* T-cell epitopes. The authors characterized sequence variation and ratios of nonsynonymous and synonymous single nucleotide polymorphisms (SNPs) among several strains of the *M. tuberculosis* complex and found that T-cell antigens, particularly their epitope regions, were highly conserved compared to other classes of genes. These results suggest that *M. tuberculosis* may have evolved to take advantage of the human immune response in perpetuating its life cycle.

You can read this evaluation by registering for a free 7-day trial at <http://www.f1000biology.com/about/trial>.

Faculty of 1000 Biology is an award-winning online service that highlights and evaluates the most interesting papers published in the biological sciences, based on the recommendations of over 2000 of the world's top researchers. It was launched in January 2002 and already over 90% of the world's top institutions subscribe (e.g. NIH\*, Johns Hopkins and all Max Planck Institutes). Papers are highlighted on the basis of their scientific merit rather than the journal in which they appear.