

## IL-12 and TNF-B in Brucellosis

### Dear Editor,

I read the recent publication on association of genetic polymorphisms of Interleukin-12 (+1188 A/C) and TNF- $\beta$  (+252 A/G) by Rasouli *et al.* with a great interest.<sup>1</sup> Rasouli *et al.* concluded that “the inheritance of the above-mentioned genotypes and alleles can be considered as genetic factors conferring resistance or susceptibility to brucellosis.<sup>1</sup> Indeed, induction of the two cytokines can be seen in human brucellosis.<sup>2</sup> There are some considerations on this work. First, the number of subjects in this work might not be statistically acceptable to explain the effect of genetic polymorphism, which is the population-scaled phenomenon. Second, there is no exact

information on the ethnic and race of the subjects in this work.

**Conflict of interest:** None declared.

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Received: May 2, 2010

Accepted: June 7, 2010

### References

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- 2 Ahmed K, Al-Matrouk KA, Martinez G, Oishi K, Rotimi VO, Nagatake T. Increased serum levels of interferon-gamma and interleukin-12 during human brucellosis. *Am J Trop Med Hyg* 1999;**61**:425-7. [10497984]