

## **Conflict-of-interest statement.**

Mesbah-Amroun Hamida has received research funding from the Agence Thématique de la Recherche Scientifique en Santé, (ATRSS, ex ANDRS). Our Project number (PNR N°37-ANDRS-2011), and untitled "Susceptibilité génétique et immunopathogénèse associés aux maladies PR, MB, IBD, AL et NPC" was supported by ATRSS.

The corresponding authors,



Mesbah-Amroun Hamida, Phd,  
Laboratory of Cellular and Molecular Biology (LBCM),  
Faculty of Biological Sciences (FSB),  
University of Sciences and Technology Houari Boumediene (USTHB),  
BP32, Bab-Ezzouar, 16111, Algiers, Algeria.

[amrounhamida@yahoo.com](mailto:amrounhamida@yahoo.com).

[hamroun@usthb.dz](mailto:hamroun@usthb.dz).

**Telephone and fax:** +213-7-79387611. Fax: +213-21-247217.