



Contents lists available at ScienceDirect

EBioMedicine

journal homepage: www.ebiomedicine.com

Corrigendum

Corrigendum to “One of the Immune Activation Profiles Observed in HIV-1-Infected Adults with Suppressed Viremia is Linked to Metabolic Syndrome: The ACTIVIH Study” [EBioMedicine 8 (2016) 265–276]



Christina Psomas^{a,b}, Mehwish Younas^a, Christelle Reynes^c, Renaud Cezar^d, Pierre Portalès^e, Edouard Tuillon^f, Adeline Guigues^a, Corinne Merle^b, Nadine Atoui^b, Céline Fernandez^b, Vincent Le Moing^{b,g,h}, Claudine Barbuatⁱ, Grégory Marin^j, Nicolas Nagot^j, Albert Sotto^{h,i}, Jean-François Eliaou^{e,h}, Robert Sabatier^c, Jacques Reynes^{b,g,h}, Pierre Corbeau^{a,d,h,*}

^a Institute for Human Genetics, CNRS UPRI142, 141 rue de la Cardonille, 34396 Montpellier, cedex 5, France

^b Infectious Diseases Department, University Hospital, 80 avenue A. Fliche, 34295 Montpellier, cedex 5, France

^c Institute for Functional Genomics, Montpellier University, UMR5203, 141 rue de la Cardonille, 34396 Montpellier, cedex 5, France

^d Immunology Department, University Hospital, Place du Pr Debré, 30029 Nîmes, cedex, France

^e Immunology Department, University Hospital, 80 avenue A. Fliche, 34295 Montpellier, cedex 5, France

^f Microbiology Department, University Hospital, 371 Av. du Doyen Gaston Giraud, 34295 Montpellier, cedex 5, France

^g IRD UMI 233, INSERM U1175, Montpellier University, 911 avenue Agropolis, 34294 Montpellier, cedex 5, France

^h Montpellier University, 5 Boulevard Henri IV, 34967 Montpellier, cedex 2, France

ⁱ Infectious Diseases Department, University Hospital, Place du Pr Debré, 30029 Nîmes, cedex, France

^j Medical Informatics Department, University Hospital, 39 Avenue Charles Flahault, 34090 Montpellier, cedex 5, France

The authors wish to republish high-resolution Figures in this article here. (See Figs. 1–5.)

DOI of original article: <http://dx.doi.org/10.1016/j.ebiom.2016.05.008>.

* Corresponding author.

E-mail address: pierre.corbeau@igh.cnrs.fr (P. Corbeau).

<http://dx.doi.org/10.1016/j.ebiom.2016.08.003>

2352-3964/© 2016 The Authors. Published by Elsevier B.V. All rights reserved.

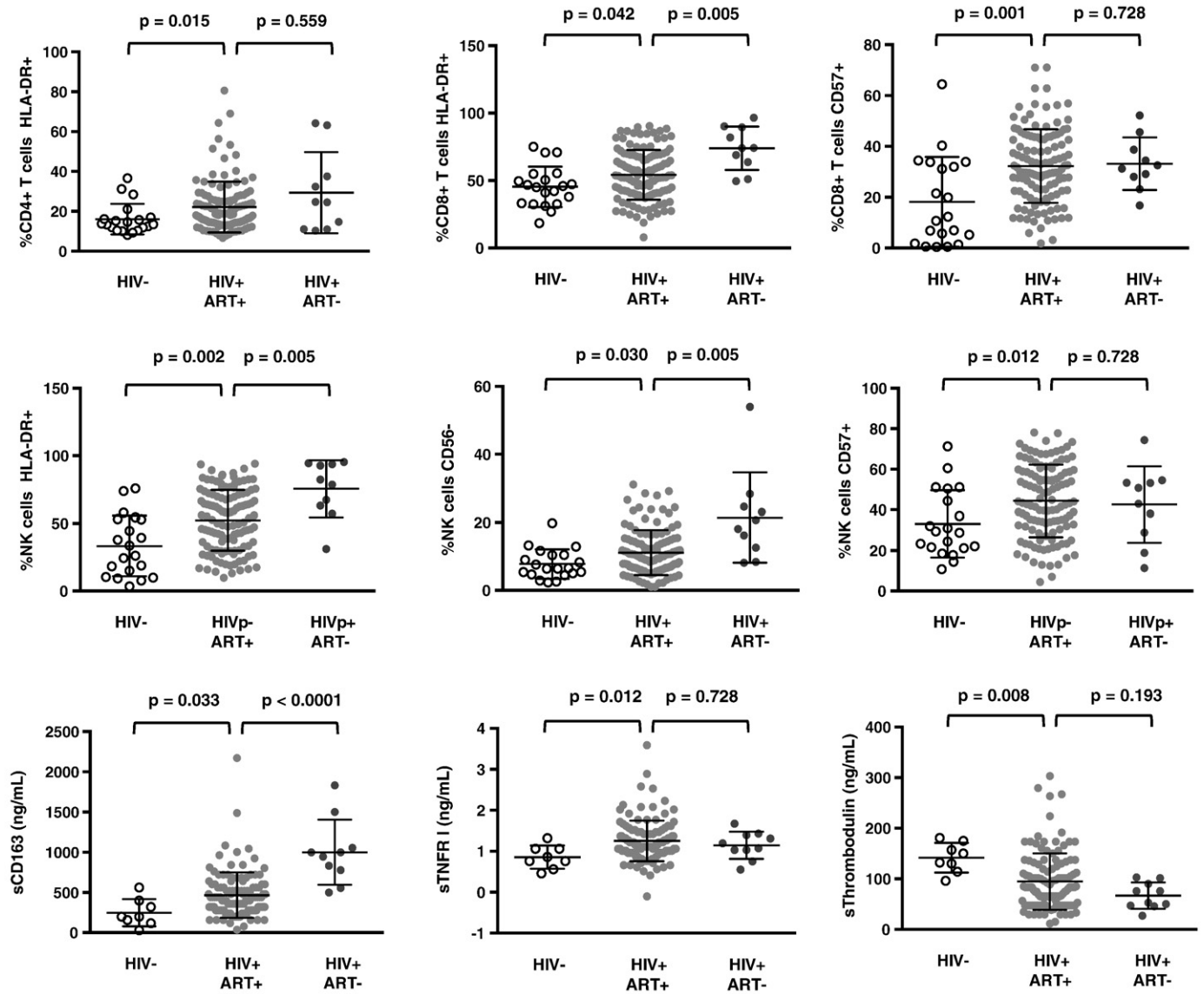


Fig. 1. Immune activation in virologic responders. Percentages of various cell populations and plasma levels of soluble markers in healthy donors (HIV-), treated (HIV + ART+), and untreated (HIV + ART-) HIV patients. Data are presented as mean values and 95% confidence intervals; p-values are shown.

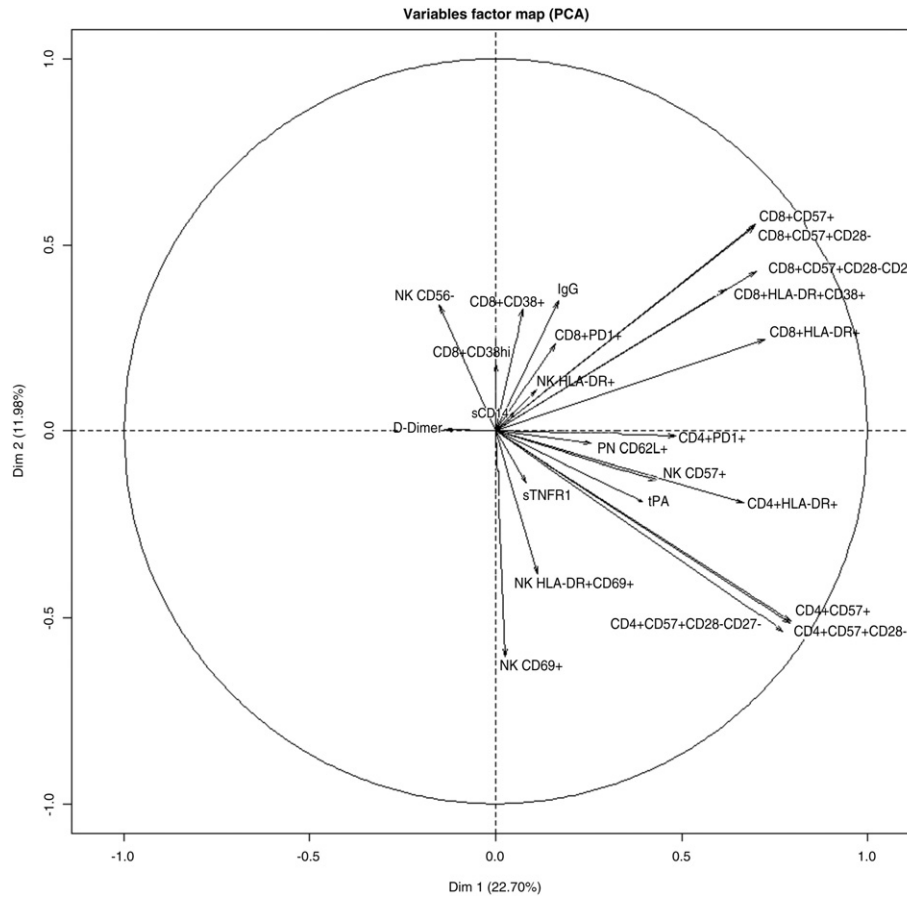


Fig. 2. Variables factor map resulting from Principal Component Analysis. The variables are represented by arrows. The elbow test was carried out in order to select the number of components to consider. This was done by plotting the components' eigenvalues according to their size and analyzing the point in the graph where the slope goes from "steep" to "flat" in order to keep only the components that are placed before the elbow, which were 2 in our case. The length of each of these arrows depends on the correlation of the variable with the component. Highly positively correlated variables are represented by arrows close to each other. Strongly negatively correlated variables are represented by arrows diametrically opposed.

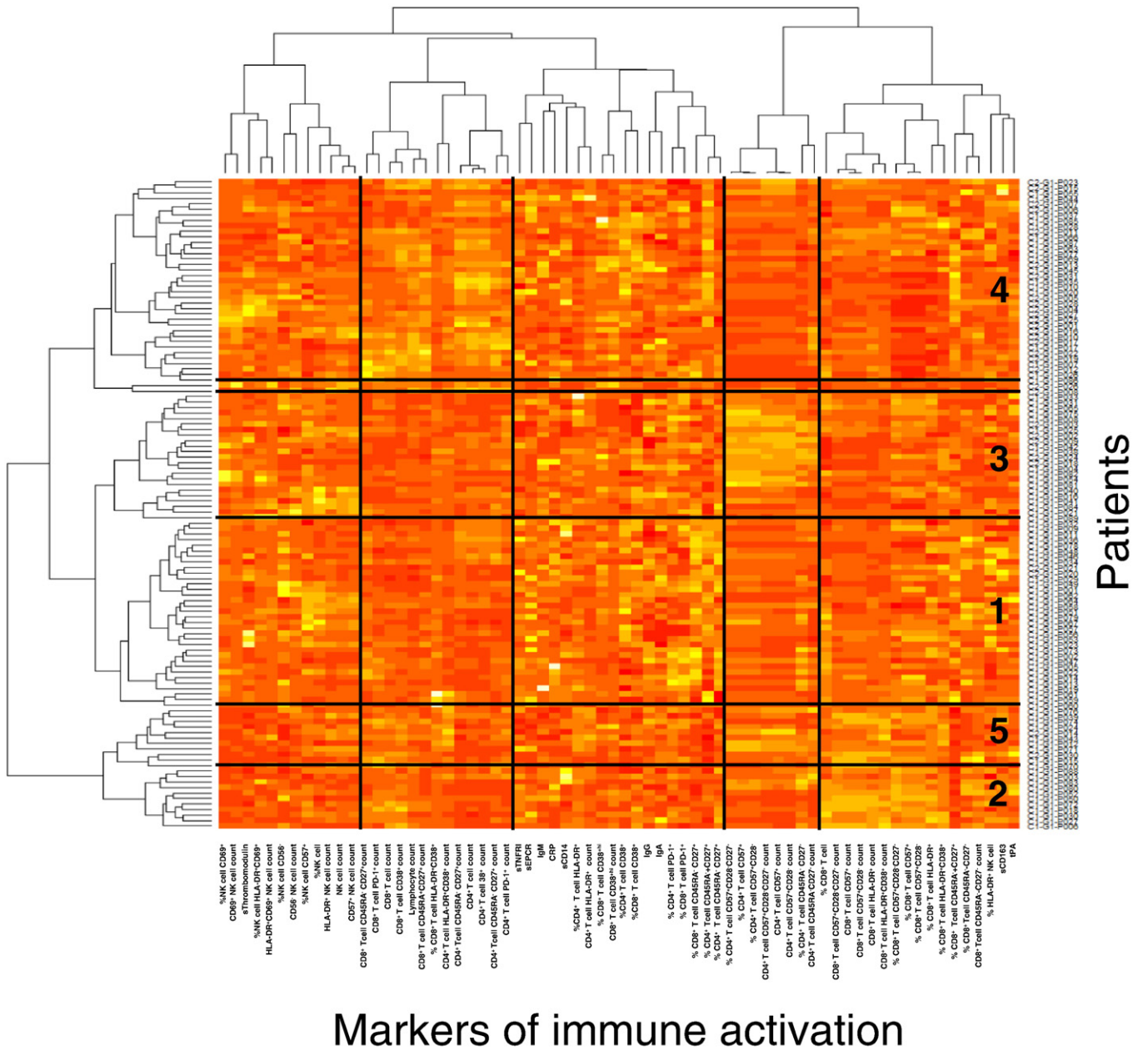


Fig. 3. Virologic responders present with different immune activation profiles. Heatmap showing the hierarchical clustering of the activation markers (vertical) as well as of the virologic responders according to their profile of activation (horizontal). Each group number is indicated.

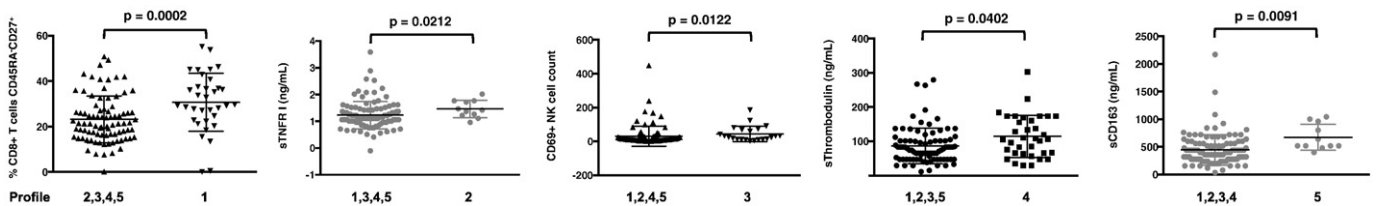


Fig. 4. Characterization of the five different immune activation profiles. Differences in the levels of key activation markers between each group of patients and the other groups are represented. Data are presented as mean values and 95% confidence intervals; p-values are shown.

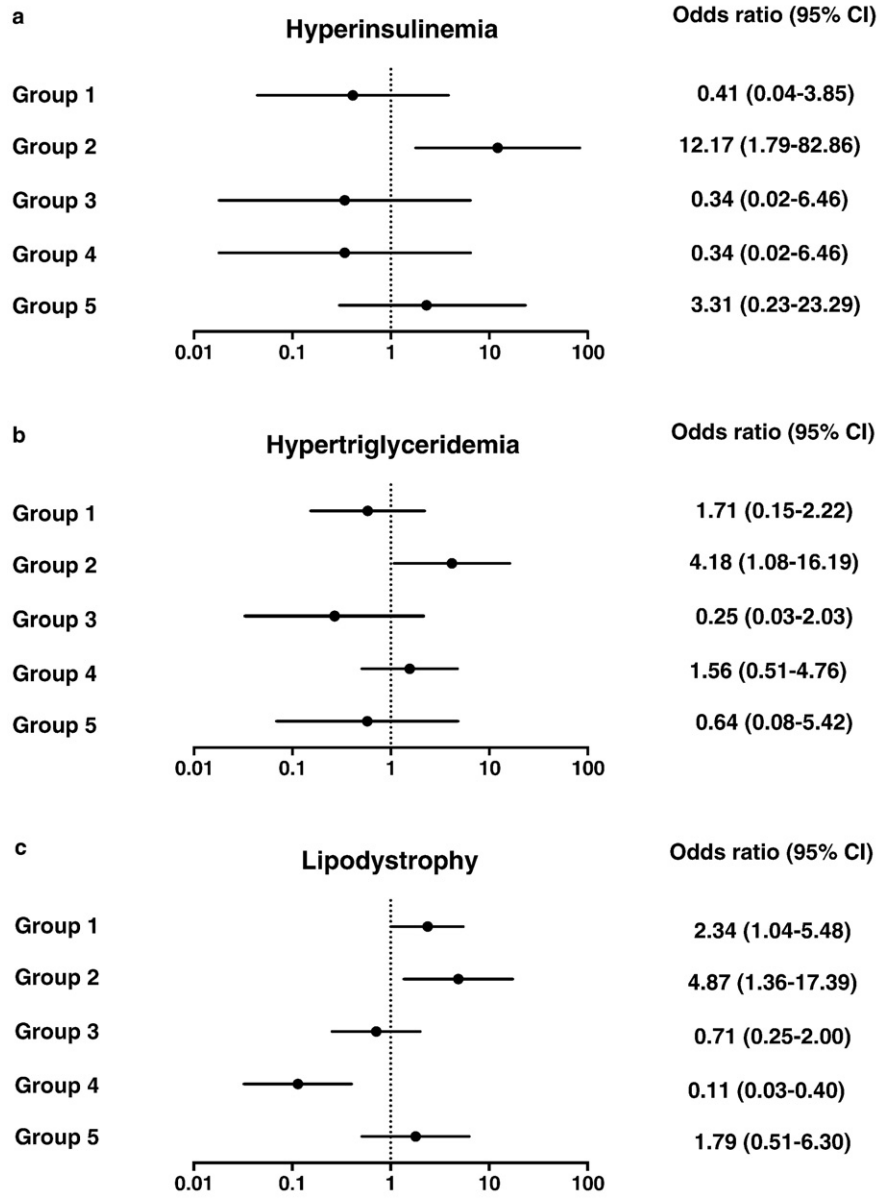


Fig. 5. Link between immune activation profile 2 and marks of metabolic syndrome. Odd ratios relating each profile of immune activation to risk of hyperinsulinemia (a), hypertriglyceridemia (b), and lipodystrophy (c). Data are presented as OR and 95% confidence intervals.