

ImmunoTools IT-Box-139 Award 2012



Juan Camilo Nieto Sachica

PhD Supervisor: Dra. Silvia Vidal

Immunologia Exp. (Pav. 17, antic Hospital), Institut Rec.
Hospital S. Pau, Avda. Antoni M. Claret, 167, 08025 Barcelona

TLR ligands can modify the migratory pattern of leukocytes

My PhD project is focused on the analysis of the migratory pattern of leukocytes after an inflammatory response to TLR ligands or other similar stimuli. We evaluate the expression of chemokine receptors on different subpopulations of leukocytes.

Surprisingly, the expression of chemokine receptors change depending on the isolation method. For this purpose, we want to use the Immunotools IT-Box 139 antibodies. We want to characterize leukocytes and to determine the phenotype affected by the isolation method.

By other hand, I work with ascitic fluid samples from cirrhotic patients. We want to evaluate the profile of macrophages from ascitic fluid and to correlate with the evolution of cirrhosis. The goal is to assess the expression of activation markers, phagocytosis, antigen presentation, etc.

ImmunoTools IT-Box-139 for Juan Camilo Nieto Sachica include 100 antibodies

FITC - conjugated anti-human CD1a, CD3, CD4, CD5, CD6, CD7, CD8, CD14, CD15, CD16, CD19, CD21, CD25, CD29, CD35, CD36, CD41a, CD42b, CD45, CD45RA, CD45RB, CD45RO, CD49d, CD53, CD57, CD61, CD63, CD80, CD86, HLA-DR, IL-6, Control-IgG1, Control-IgG2a, Control-IgG2b, Annexin V

PE - conjugated anti-human CD3, CD4, CD8, CD11b, CD15, CD14, CD18, CD19, CD20, CD21, CD22, CD31, CD33, CD38, CD40, CD45, CD45RB, CD50, CD52, CD56, CD58, CD62p, CD72, CD95, CD105, CD147, CD177, CD235a, HLA-ABC, IL-6, Control-IgG1, Control-IgG2a, Control-IgG2b, Annexin V

PE/Dy647 -tandem conjugated anti-human CD3, CD4, CD8, CD14, CD19, CD20, CD25, CD54

APC -conjugated anti-human CD2, CD3, CD4, CD8, CD10, CD11a, CD11c, CD14, CD16, CD27, CD37, CD42b, CD44, CD45, CD59, CD62L, CD69, CD71, IL-6, Control-IgG1, Control-IgG2a, Control-IgG2b, Annexin V

[DETAILS](#)