

Supplementary Table 8. Spearman R's correlation with the neutrophil phenotype (CD11b+CD16+CD182+TREM1+) adjusted by Body Mass Index.

Variables	Obese ICU patients	Non-obese ICU patients
Biochemical data		
Age (years)	0,292770022	-0,028622586
Erythrocytes	-0,414757531	-0,128571429
Hemoglobin	-0,047619048	-0,121537135
Hematocrit	-0,119047619	0,092940162
Platelets	-0,380952381	0,30989011
Total Leukocytes	0,833333333	0,103571429
Neutrophils %	0,476190476	-0,075
Eosinophils %	-0,119762626	0,182142857
Basophils %	-0,467074242	0,00538122
Lymphocytes %	-0,428571429	-0,114285714
Monocytes %	-0,035928788	-0,028571429
N/L ratio	0,404761905	0,035714286
Serum urea	0,023952525	-0,178731081
Serum creatinin	-0,404761905	-0,1983915
ALT	-1	0,6
AST	-1	0,371428571
Total Bilirubin	-1	-0,033333333
Serum Sodium	0,702731221	0,061948267
Serum Potassium	-0,571428571	0,020979021
sTREM-1	-0,371428571	-0,014285714
IL-6	-0,6	0,357142857
Immune markers and Phenotypes		
<i>% Monocytes (PMBC)</i>	-0,333333333	0,432142857
CD14+	-0,166666667	0,135714286
CD14+CD80+	0,523809524	0,391421068
CD14+CD80+ MFI	0,69047619	-0,210714286
CD14+CD163+	-0,357142857	0,058981257
CD14+CD163+ MFI	-0,571428571	-0,15
CD14+CD274+	0,523809524	-0,417857143
CD14+CD274+ MFI	0,261904762	-0,207142857
CD14+HLA-DR+	-0,952380952	0,342857143
CD14+HLA-DR+ MFI	-0,785714286	0,282142857
CD14+CD163+CD274+HLA-DR+	0,047619048	-0,139285714
CD14+CD163+CD274-HLA-DR+	-0,80952381	0,296428571
CD14+CD163-CD274+HLA-DR+	0	-0,41577328
<i>% Low Density Neutrophils (PBMC)</i>	0,333333333	-0,371428571
CD11b+	-0,238095238	-0,192857143
CD11b+CD14+	-0,238095238	0,128571429
CD11b+CD14+ MFI	-0,642857143	-0,653571429
CD11b+CD274+	0,357142857	-0,525
CD11b+CD274+ MFI	0,69047619	-0,042857143
CD11b+HLA-DR+	-0,071428571	0,393208379
CD11b+HLA-DR+ MFI	-0,023809524	-0,076923077
CD11b+CD14+CD274+HLA-DR+	-0,131738889	-0,082142857
CD11b+CD14+CD274+HLA-DR-	0,333333333	-0,325

CD11b+CD14-CD274+HLA-DR+	-0,023952525	0,039641248
% CD3- Natural Killer (PBMC)	0,238095238	-0,377122581
CD11c+	0,238095238	-0,001787311
CD11c+ MFI	-0,535714286	-0,409294176
CD16+	0,523809524	-0,430741906
CD16+ MFI	0	-0,437844049
CD56+	0,071428571	-0,305630149
CD56+ MFI	-0,023809524	-0,716711636
CD16+CD56+	0,523809524	-0,585714286
CD16+CD56-	0,538931818	-0,100359068
CD16-CD56+	-0,428571429	0,432142857
% High Density Neutrophils (Polymorphonuclear cells)	0,084343471	-0,242857143
CD11b+	0,266356802	0,145424012
CD11b+CD16+	0,666666667	0,179212621
CD11b+CD16+ MFI	0,119047619	0,325
CD11b+CD182+	0,95810101	0,525469379
CD11b+CD182+ MFI	0,80952381	-0,446428571
CD11b+TREM-1+	0,523809524	0,535714286
CD11b+TREM-1+ MFI	0,238095238	0,171428571
CD11b+CD16 ⁺ CD182 ⁺ TREM-1 ⁺	1	1
CD11b+CD16 ⁺ CD182 ⁻ TREM-1 ⁺	-0,238095238	0,130473689
CD11c+	0,619047619	0,613861758
CD11c+CD274+	0,166666667	-0,239285714
CD11c+CD274+ MFI	0,095238095	-0,341376365
CD11c+CD279+	-0,523809524	-0,410714286
CD11c+CD279+ MFI	0,023809524	-0,185714286
CD11c+HLA-DR+	0,119047619	-0,196428571
CD11c+HLA-DR+ MFI	0,285714286	-0,264285714
CD11c+CD274+CD279+HLA-DR+	0,333333333	-0,039603984
CD11c+CD274+CD279+	0,071428571	-0,214285714
CD11c+CD274+CD279-	0,261904762	-0,110714286
CD11c+CD274-CD279+	-0,523809524	0,012511176

This analysis included data from severe patients with obesity (n=8) and non-obese patients (n=16). Legend: ICU: intensive unit care; N/L: neutrophil-to-lymphocyte ratio; sTREM-1: soluble triggering receptor on myeloid cells-1; IL-6: interleukin 6; MFI: mean fluorescence intensity. Significant correlations are highlighted in bold (p<0.05).