**Supplementary Table 4**. Demographic, clinical and biochemical characteristics of patients in whom intracellular LAL activity was measured in isolated platelets and leukocytes.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Males, n (%)** | **Age (years)** | **BMI (kg/m2)** | **Blood platelet count (cells/µL)** | **Blood leukocyte count (cells/µL)** |
| **CTRL (n=14)** | 7 (50) | 25 (25-27) | 19.6 (19.1-24.1) | 244 (219-277) | 6.1 (5.1-6.6) |
| **non-cirrhotic NAFLD (n=14)** | 6 (43) | 53 (32-63) | 27.8 (24.9-30.9) | 271 (219-301) | 6.3 (5.4-7.2) |
| **CIR-NASH (n=14)** | 9 (64) | 63 (58-71) | 27.1 (25.8-30.5) | 94 (54-133) | 3.9 (3.2-4.9) |
| **CTRL vs non-cirrhotic NAFLD P value** | 0.705 | **0.001** | **<0.001** | 0.435 | 0.379 |
| **CTRL vs CIR-NASH P value**  | 0.704 | **<0.001** | **<0.001** | **<0.001** | **0.003** |
| **non-cirrhotic NAFLD vs CIR-NASH P value** | 0.449 | **0.004** | 0.748 | **<0.001** | **0.001** |

LAL, Lysosomal acid lipase; CIR-NASH, patients with NASH-related cirrhosis; CTRL, controls with normal liver; non-cirrhoticNAFLD, non-cirrhotics with NAFLD; BMI, body mass index. Continuous variables are expressed as median (25th-75th percentile), the differences between groups were evaluated by Mann-Whitney U test or T test according to the variable normality. Categorical variables were expressed as count (percentages) and compared by the chi-square or Fisher’s exact test as appropriate.