

Table S1. Changes in the counts of lymphocyte subpopulations during SARS-CoV-2 infection in non-ICU versus ICU COVID-19 patients.

| Lymphocyte subsets | On admission | Day 7 | Day 12 |
|--|--------------|-------|--------|
| Helper T cells (CD3+CD4+)/μL in non-ICU | 497 | 657 | 565 |
| Helper T cells (CD3+CD4+)/μL in ICU | 292 | 307 | 396 |
| p | * | * | |
| Suppressor T cells (CD3+CD8+)/μL in non-ICU | 250 | 283 | 319 |
| Suppressor T cells (CD3+CD8+)/μL in ICU | 119 | 167 | 245 |
| p | * | * | |
| Naïve helper T cells (CD3+CD4+CD45RA+)/μL in non-ICU | 261 | 338 | 321 |
| Naïve helper T cells (CD3+CD4+CD45RA+)/μL in ICU | 163 | 156 | 200 |
| p | * | * | |
| Naïve suppressor T cells (CD3+CD8+CD45RA+)/μL in non-ICU | 180 | 201 | 351 |
| Naïve suppressor T cells (CD3+CD8+CD45RA+)/μL in ICU | 86 | 120 | 153 |
| p | * | * | |
| Activated T cells (CD3+HLA-DR+)/μL in non-ICU | 43 | 67 | 39 |
| Activated T cells (CD3+HLA-DR+)/μL in ICU | 66 | 90 | 131 |
| p | * | | * |
| Activated suppressor T cells (CD3+CD8+HLA-DR+)/μL in non-ICU | 23 | 30 | 20 |
| Activated suppressor T cells (CD3+CD8+HLA-DR+)/μL in ICU | 38 | 58 | 94 |
| p | | | * |
| Regulatory T cells (CD3+CD4+CD25+CD127low+)/μL in non-ICU | 33 | 48 | 37 |
| Regulatory T cells (CD3+CD4+CD25+CD127low+)/μL in ICU | 19 | 18 | 18 |
| p | * | * | |
| Naïve regulatory T cells (CD45RA+CD3+CD4+CD25+CD127low+)/μL in non-ICU | 7,6 | 11 | 11 |
| Naïve regulatory T cells (CD45RA+CD3+CD4+CD25+CD127low+)/μL in ICU | 3 | 2,7 | 2,9 |
| p | * | * | * |
| Induced regulatory T cells (CD45RO+CD3+CD4+CD25+CD127low+)/μL in non-ICU | 25 | 35 | 25 |
| Induced regulatory T cells (CD45RO+CD3+CD4+CD25+CD127low+)/μL in ICU | 16 | 15 | 14 |
| p | * | * | |
| TCRα/β/μL in non-ICU | 727 | 924 | 861 |
| TCRα/β/μL in ICU | 406 | 467 | 627 |
| p | * | * | |
| TCRγ/δ/μL in non-ICU | 42 | 43 | 57 |
| TCRγ/δ/μL in ICU | 9 | 13 | 16 |
| p | * | * | |
| B cells (CD19+CD20+)/μL in non-ICU | 387 | 490 | 297 |
| B cells (CD19+CD20+)/μL in ICU | 236 | 235 | 325 |
| p | * | * | |
| NK cells (CD16+CD56+)/μL in non-ICU | 171 | 194 | 87 |
| NK cells (CD16+CD56+)/μL in ICU | 52 | 50 | 85 |
| p | * | * | |

* statistical significance ($p<0.05$) between studied groups