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| Table S4. The characteristics of each exposure and genetic instrumental variables (IVs) in Mendelian Randomization. |  |  |
| Trait name\* | Abbreviation | Mean (SE) of blood level (109 cells/L)\*\* |
| Leukocytes count | LEU | 6.914 (3.229) |
| Basophils count | BASO | 0.044 (0.041) |
| Eosinophils count | EOS | 0.206 (0.143) |
| Lymphocytes count | LYM | 1.921 (0.925)  |
| Monocytes count | MONO | 0.564 (0.228)  |
| Neutrophils count | NEU | 4.365 (2.092） |
| \*The leukocyte subtype counts were calculated as follows: percentage of white cells for each leukocyte subtype × WBC.  |
| \*\*The blood levels of each leukocyte subtype was calculated following information from the studies included in the hematological GWAS meta-analysis.  |