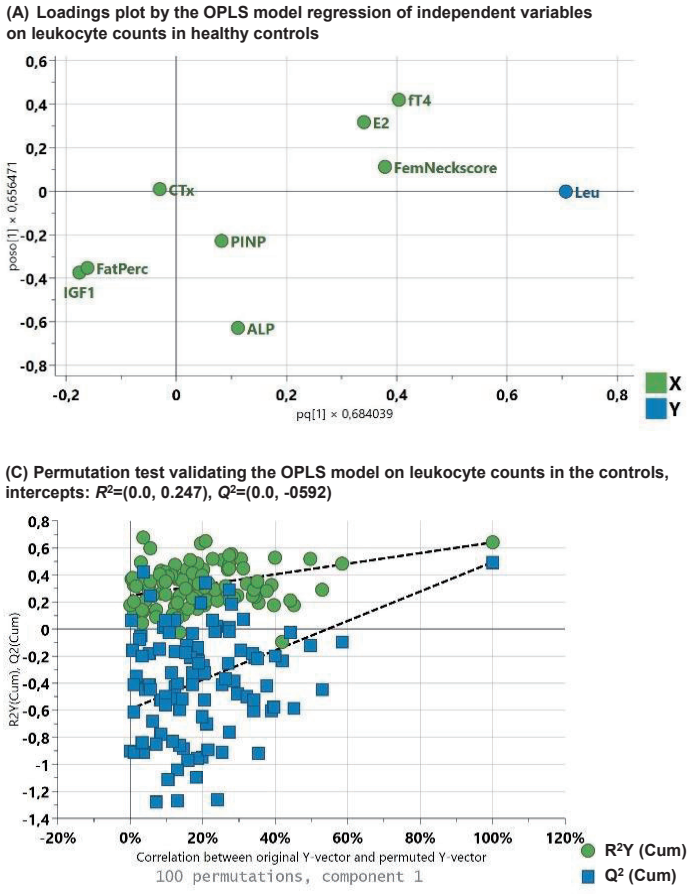


Supplementary Fig. 1. The multivariate regression model by OPLS of independent variables on leukocyte counts in healthy controls. (A) Green dots, independent variables; blue dot, dependent variable; IGF-1, insulin-like growth factor-1; FatPerc, body fat percentage (by DEXA); CTX, carboxy-terminal telopeptide of type I collagen; PINP, amino-terminal propeptide of human procollagen type I; ALP, alkaline phosphatase; E2, estradiol; fT4, free thyroxine; FemNeckscore, femoral neck BMD *z* score; Leu, leukocytes. (B) The VIP plot, variables with Variable Importance in the Projection (VIP) values ≥ 1.00 were considered as important predictors of leukocyte counts. OPLS, orthogonal projections to latent structures; CTRL, controls. (C) Permutation test plot validating the OPLS model. The permutation test results (Q^2=[0.0; -0.592]) confirm the model's accuracy.