

Figure S1 Spearman correlation between the number of exacerbations and 25-hydroxyvitamin D (25-OHD levels).

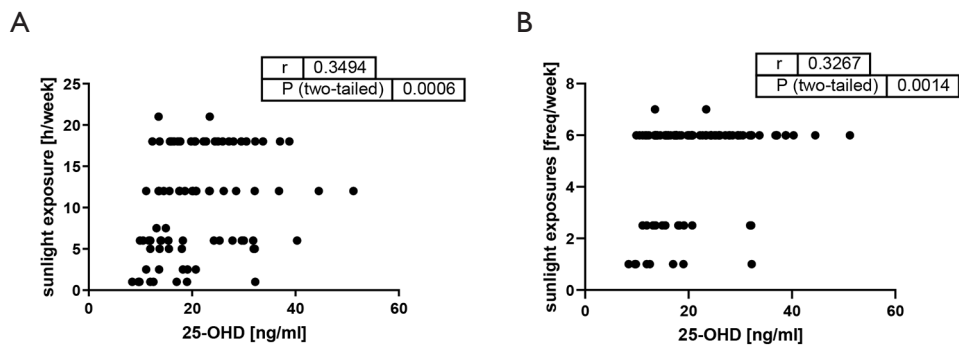


Figure S2 Spearman correlation between the reported average weekly hours of sunlight exposure (A) as well as the reported frequency of sunlight exposures/week (B) and 25-hydroxyvitamin D (25-OHD) levels.

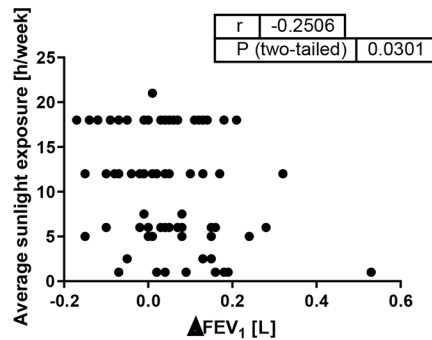


Figure S3 Spearman correlation between the average hours of weekly sunlight exposure and disease progression as in FEV₁ decline. FEV₁, forced expiratory volume in 1 second.

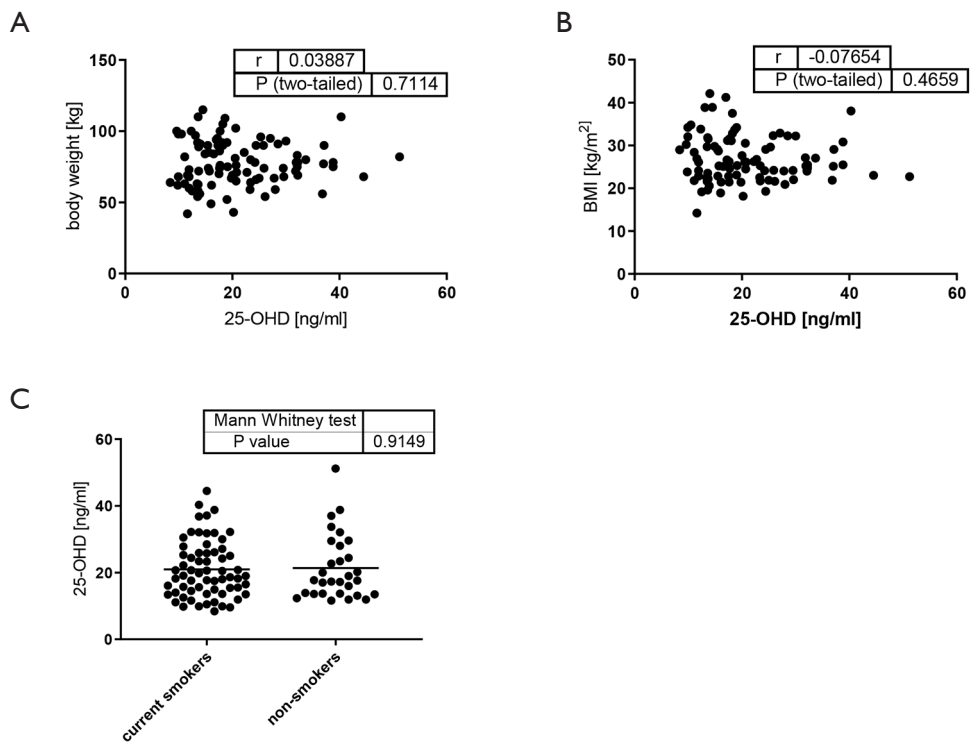


Figure S4 Spearman correlation analysis for body weight and 25-hydroxyvitamin D (25-OHD levels) (A), Spearman correlation analysis for body mass index (BMI) and 25-OHD levels (B), and comparison of 25-OHD levels between current smokers and non-smokers (Mann-Whitney test) (C).