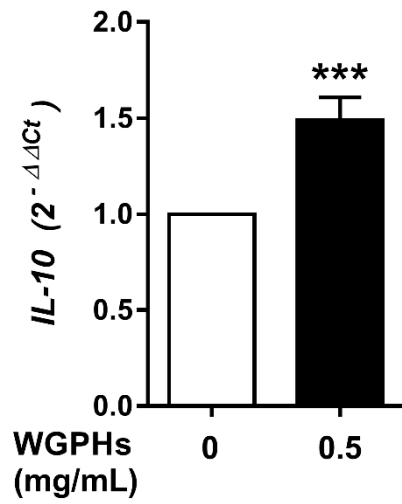


**Supplemental Table S1.** Sequences of primers used for real-time PCR analysis

Target gene	Primer sequences	PCR product (bp)	T annealing (°C)
<i>Cytokine</i>			
<i>IL-10</i> NM_000572.3	Fwd 5'-CAC GGC CTT GCT CTT GTT TT-3' Rev 5'-GTG ATG CCC CAA GCT GAG A-3'	138	54
<i>Antioxidant enzymes</i>			
<i>CAT</i> NM_001752.4	Fwd 5'-TAA GAC TGA CCA GGG CAT C-3' Rev 5'-CAA ACC TTG GTG AGA TCG AA-3'	201	56
<i>GPX</i> NM_000581.4	Fwd 5'-AGT CGG TGT ATG CCT TCT CGG-3' Rev 5'-GTT CTT GGC GTT CTC CTG ATG-3'	227	60
<i>GR</i> NM_000637.5 NM_001195102.2	Fwd 5'-GCC CTG GGT TCT AAG ACA TCA-3' Rev 5'-CTC AGG TCC TTG GTA TTC GGG-3'	275	56
<i>SOD</i> NM_000454.5	Fwd 5'-AGG TGT GGG GAA GCA TTA-3' Rev 5'-TGG TCT CCT GAG AGT GAG ATC-3'	241	56
<i>Nitric Oxide-producer</i>			
<i>INOS</i> NM_000625.4	Fwd 5'- TGC AGA CAC GTG CGT TAC TCC -3' Rev 5'- GGT AGC CAG CAT AGC GGA TG -3'	130	60
<i>Housekeeping gene</i>			
<i>B-ACTIN</i> NM_001101.5	Fwd 5'-AGA GCT ACG AGC TGC CTGAC-3' Rev 5'-AGC ACT GTG TTG GCG TACAG-3'	184	54 - 60

Names of the genes with accession numbers, forward (Fwd) and reverse (Rev) sequences of the primers, numbers of base pairs (bp) of PCR products and annealing temperatures. CAT, catalase; GPX, glutathione peroxidase; GR, glutathione reductase; IL-10, interleukin-10; INOS, inducible nitric oxide synthases; SOD, superoxide dismutase; B-ACTIN, beta-actin.



**Supplemental Fig. S1.** Relative gene expression of IL-10 in PHA-stimulated PBMCs after overnight treatment with 0.5 mg/mL WGPHs. The data represent the mean of the value calculated with respect to PHA-stimulated, untreated cells with the 2- $\Delta\Delta$ Ct method, and the standard error of the mean of each group (n= 9). \*\*\* p $\leq$ 0.001 with respect to the control group (WGPHs 0 mg/mL).