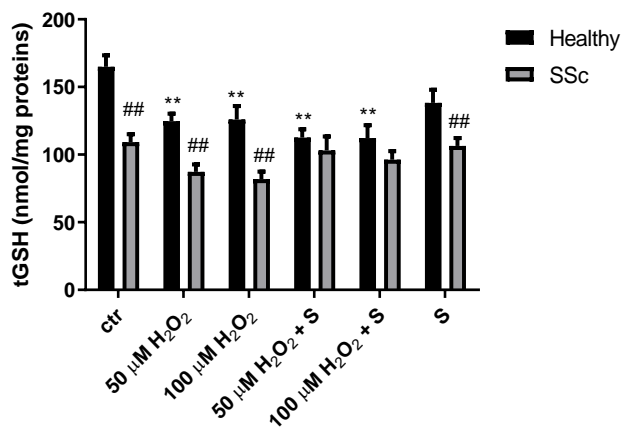
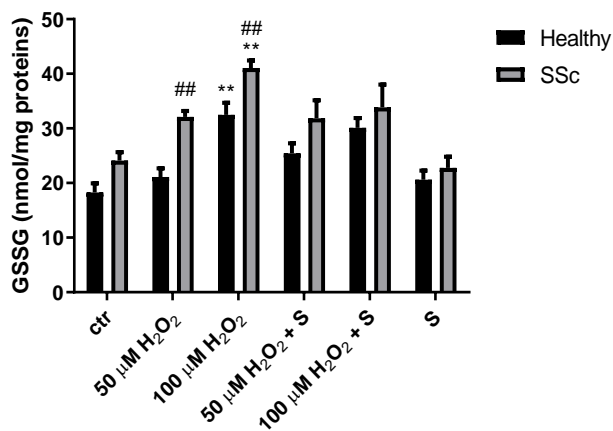


Figure S1. Analysis of cell cycle progression of healthy control (H) and SSc fibroblasts exposed to a pro-oxidant agent. Healthy and SSc fibroblasts were treated for 24h with 50 and 100µM H₂O₂ in presence or in absence of sildenafil 1µM and then analyzed for cell cycle distribution in G1 (red columns), S (green columns), and G2/M phases (black columns). Data are expressed as percentage (%) ±SE of cells. S, sildenafil.

A



B



C

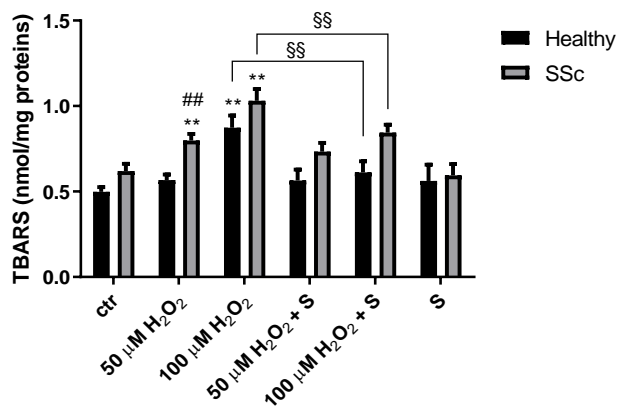


Figure S2. Analysis of redox status in healthy control and SSc fibroblasts treated with hydrogen peroxide. Healthy (black columns) and SSc (grey columns) fibroblasts were treated with 50 and 100 μM H_2O_2 in presence or in absence of sildenafil 1 μM and analyzed for (A) tGSH content, (B) GSSG, (C) TBARS. Data are expressed as nmol/mg of proteins, mean \pm SE. ** $P < 0.01$ vs. ctr; # $P < 0.01$ healthy vs. SSc; §§ $P < 0.05$ H_2O_2 vs. H_2O_2 + S. S, sildenafil; tGSH, total glutathione; GSSG, oxidized glutathione; TBARS, thiobarbituric acid reactive substances.