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Fig. S1. Increased expression of PGC1 α , MTCO1, and porin/VDAC in minoxidil treated AGA xenotransplants. The graphs show the percentage of area that was stained for each protein in three sections per sample. PGC1 α (Peroxisome proliferator-activated receptor gamma coactivator 1-alpha), MTCO1 (Mitochondrially encoded cytochrome c oxidase I). Data are mean \pm SD. Statistical analyses were performed following the Shapiro-Wilk test to assess the normality of data distribution. Subsequently, the Mann-Whitney U test was applied to compare groups, with $p < 0.05$ values deemed statistically significant. Scale bar = 50 μ m.

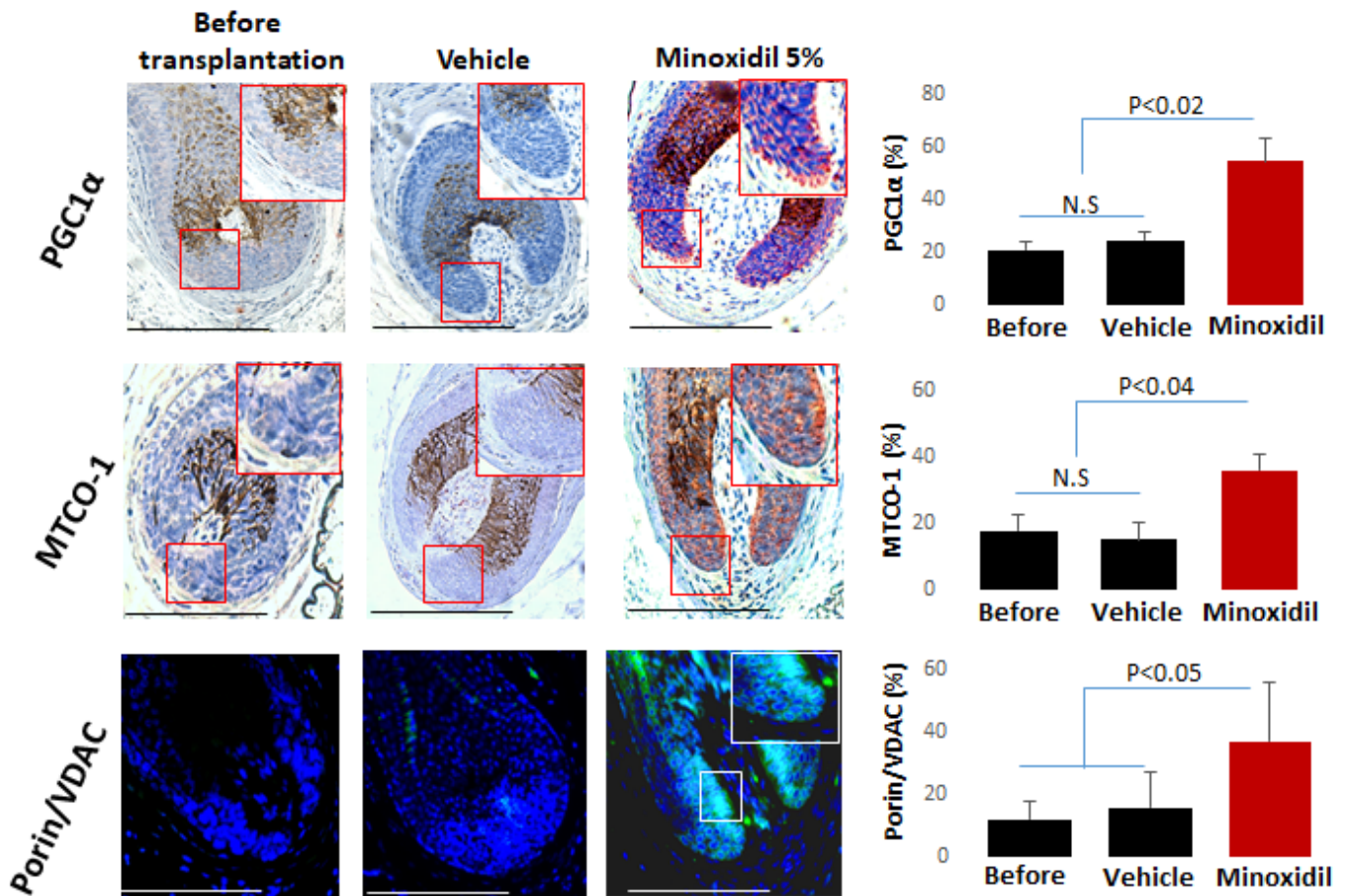


Fig. S2. Increased expression of proteins related to oxidative stress in scalp skin xenotransplants treated with minoxidil. Increased expression of antioxidants components such as the levels of HO-1, PRDX and Glutathione reductase in the minoxidil group compared to the vehicle group. The graphs show the percentage of positive area in 0.66 mm² reference areas on three sections per sample. HO-1 (Heme Oxygenase1), PRDX (Peroxiredoxin). Data are mean \pm SD. Statistical analyses were performed following the Shapiro-Wilk test to assess the normality of data distribution. Subsequently, the Mann-Whitney U test was applied to compare groups, with $p < 0.05$ values deemed statistically significant. Scale bar = 50 μ m.

