



Supplementary Figure 1. Histochemical expression of collagen fibers in the testis of control and experimental rats. **A.** Control group; **B.** Rat with streptozotocin-induced diabetes (diabetic group); **C.** Diabetic rats on HAART regimen; **D.** Diabetic rats treated with 100 mg/d of *HH*; **E.** Diabetic rats treated with 200 mg/d of *HH*; **F.** Diabetic rats on HAART treated with melatonin; **G.** Diabetic rats on HAART treated with 100 mg/d of *HH*; **H.** Diabetic rats on HAART treated

with 200 mg/d of *HH*. Symbols: yellow arrow, tunica albuginea; black arrow, basement membrane; red arrow, blood vessel; star, interstitial space. Abbreviations: HAART — highly active antiretroviral therapy; HH — *Hypoxis hemerocallidea*. Masson trichrome staining was performed as described in Material and methods.