

Figure S1. HE pathological section and comparison of young and old LC differences. (A) HE staining of donor testes (B) b-gal staining of LCs showing significantly higher percentage of positives in older men (C) Significantly lower levels of testosterone secretion and transcript levels of key factors of the testosterone synthesis pathway in older LCs in vitro. The scale bar represents 100 μ m. *** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$.

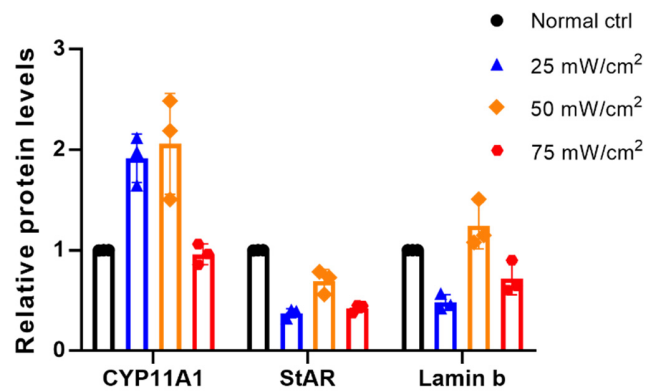


Figure S2. Densitometry readings/intensity ratio of each band of WESTERN BLOT.

Table S1. PCR PRIMERS

CDKN2A-F	CCGAATAGTTACGGTCGGAGG
CDKN2A-R	CACCAGCGTGTCCAGGAAG
CDKN1A-F	AGTCAGTTCCTTGTGGAGCC
CDKN1A-R	CATTAGCGCATCACAGTCGC
StAR-F	GGCTACTCAGCATCGACCTC
StAR-R	CTAAACACGAACCCACCCA
CYP11A1-F	CCAGACCTTTCTGAGTGCCC
CYP11A1-R	CTCCCTGTAAATCGGGCCAT