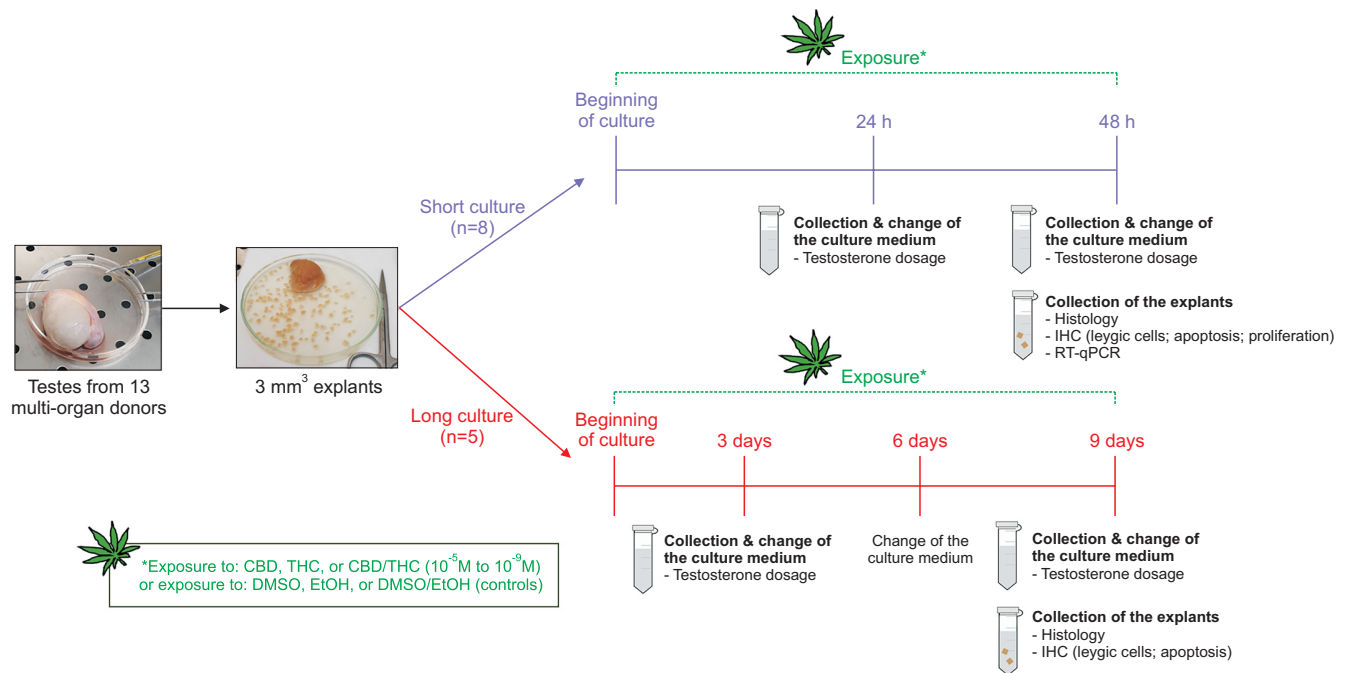




Supplement Fig. 1. Study design. Testes from 13 multi-organ donors were cut in 3 mm³ explants and cultured for 48 hours (short-term culture) or 9 days (long-term culture) in the presence of CBD, THC, or CBD/THC (10⁻⁹ to 10⁻⁵ M). DMSO, EtOH, or DMSO/EtOH [1:1] were used as their respective controls. In the short-term culture, the culture medium was changed at 24 hours and collected at 24 and 48 hours for testosterone measurements. The explants were collected after 48 hours of culture for histology, immunohistochemistry (IHC), or RT-qPCR analyses. In the long-term culture, the medium was changed after 3 days and collected at day 3 and 9 for testosterone measurements. Explants were collected at the end of the 9 day culture for histological and IHC analyses. CBD: cannabidiol, DMSO: dimethylsulfoxide, EtOH: ethanol, THC: Δ^9 -tetrahydrocannabinol.