Supplementary material

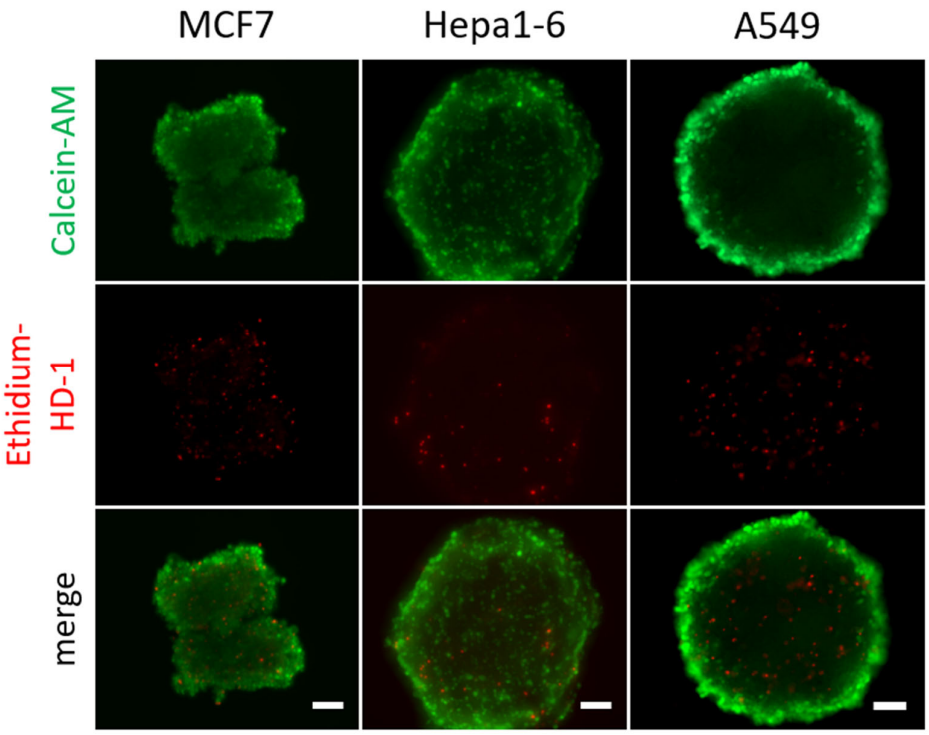


Figure S1. Calcein-AM and Ethidium-HD-1 staining as live and dead assay for MCF7, Hepa1-6, A549 spheroids. Images taken on day 7 (hanging drop) and 8 and 14 (printed A549). 5,000 cells were initially seeded. Scale bars: 100 μm.

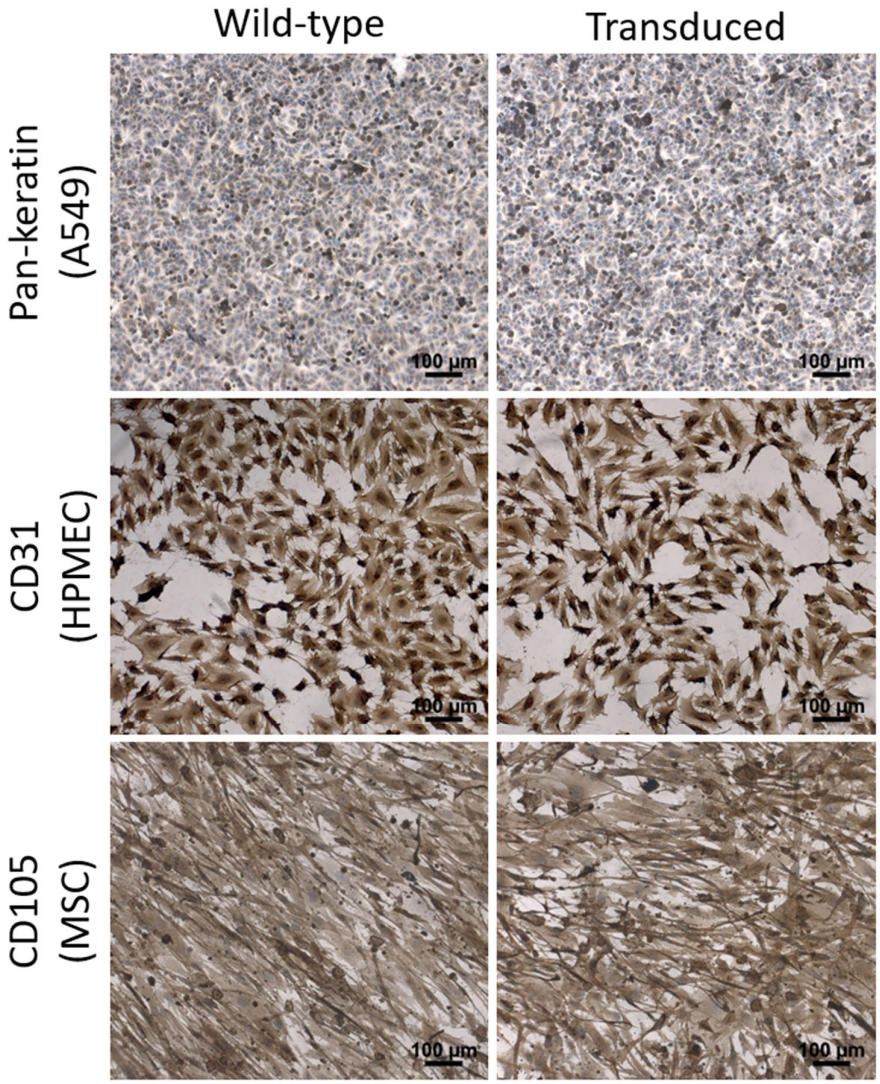


Figure S2. Control staining of wild-type and transduced cells. Pan-keratin staining for A549, CD31 for HPMEC, CD105 for MSC. Scale bars: 100 µm.

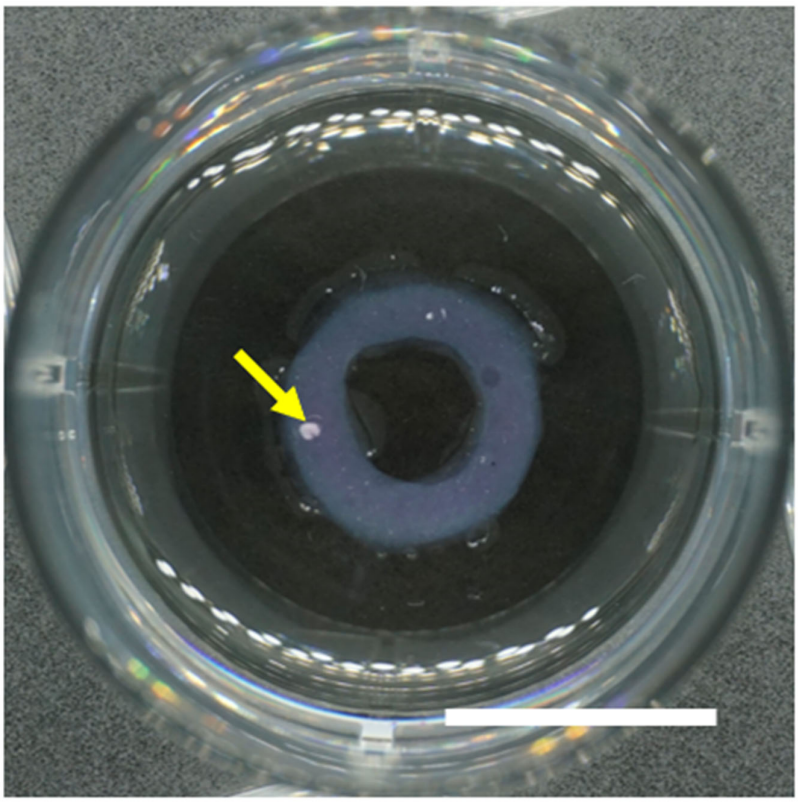


Figure S3. Bioprinted spheroid-containing CANAHA ring**.** Picture taken in a 12 well dish containing DPBS, after 14 d of regular culture. Yellow arrow indicates site of printed spheroid, scale bar 10 mm.