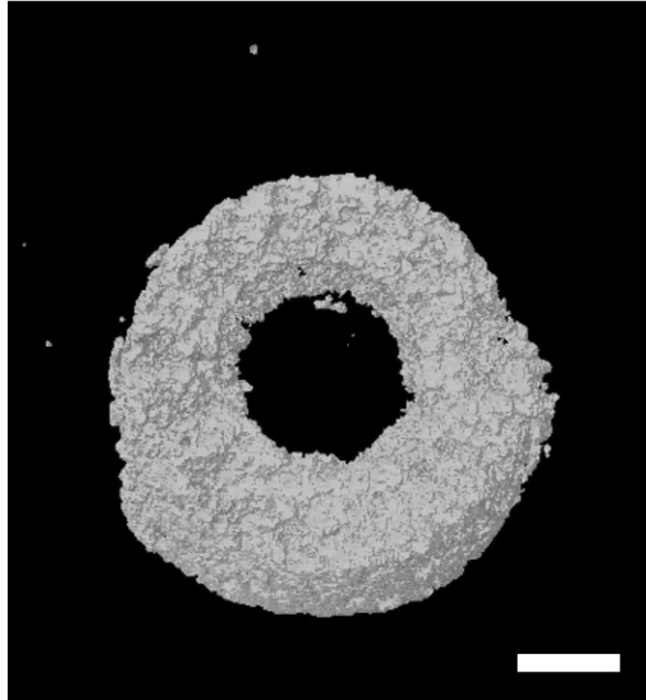


# Supporting Information

Shih et al. 10.1073/pnas.1702576114

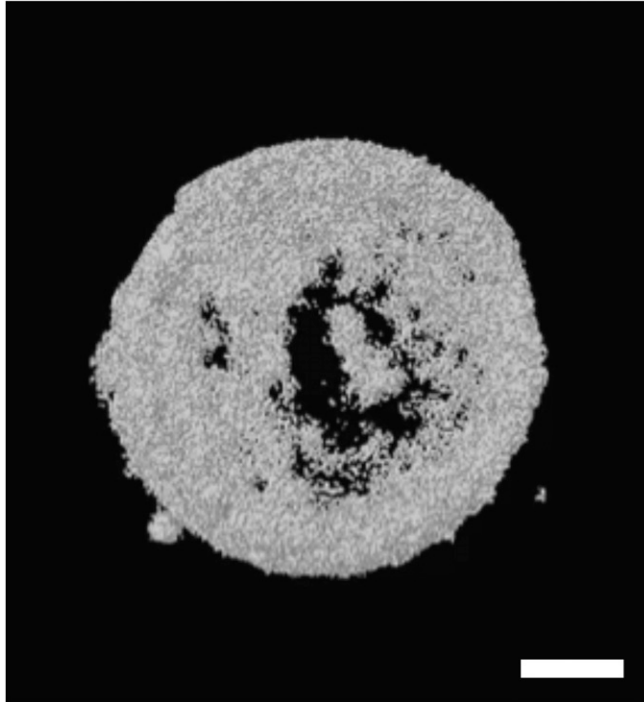
## BM cell



**Movie S1.** Three-dimensional volume-rendered video from  $\mu$ CT of the engineered bone after 4 wk of s.c. implantation from matrices seeded with BMC. (Scale bar: 2 mm.)

[Movie S1](#)

## BM flush



**Movie S2.** Three-dimensional volume-rendered video from  $\mu$ CT of the engineered bone after 4 wk of s.c. implantation from matrices seeded with BMF. (Scale bar: 2 mm.)

[Movie S2](#)

## Other Supporting Information Files

[SI Appendix \(PDF\)](#)