

An ionic silver coating prevents implant-associated infection by anaerobic bacteria *in vitro* and *in vivo* in mice

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Supplementary Figure Legends

Figure S1. No fluorescence signals were detected in sterile controls.

Titanium rods were implanted into femoral bone marrow cavities in eight-week old wild-type mice without *P.gingivalis*. Then, mice were intraperitoneally injected with a NIR-fluorescent bacterial detection probe, and the bacterial probe fluorescence was captured using the trans-illumination feature of the IVIS[®] Lumina optical-imaging system. No fluorescence signals were detected 1 day after surgery in the sterile controls (Ti rod without *P.gingivalis* transplantation).

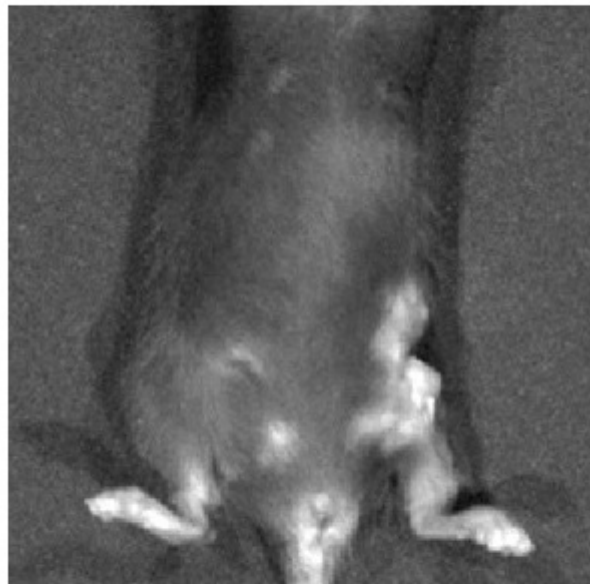


Figure S1 Soma T et al