

Supplementary Material

Auranofin Releasing Antibacterial and Antibiofilm Polyurethane Intravascular Catheter Coatings

Hanyang Liu,^{1†} Shashank Shukla,^{1†} Noel Vera-González,^{1†} Nagendran Tharmalingam,² Eleftherios Mylonakis,² Beth Burgwyn Fuchs,² and Anita Shukla^{1*}

¹School of Engineering, Center for Biomedical Engineering, Institute for Molecular and Nanoscale Innovation, Brown University, 182 Hope Street Box D, Providence, RI, USA

²Division of Infectious Diseases, Rhode Island Hospital, Alpert Medical School and Brown University, 593 Eddy Street, Providence, RI, USA

[†]These authors have contributed equally to this work and are co-first authors.

* Correspondence:

Dr. Anita Shukla
anita_shukla@brown.edu

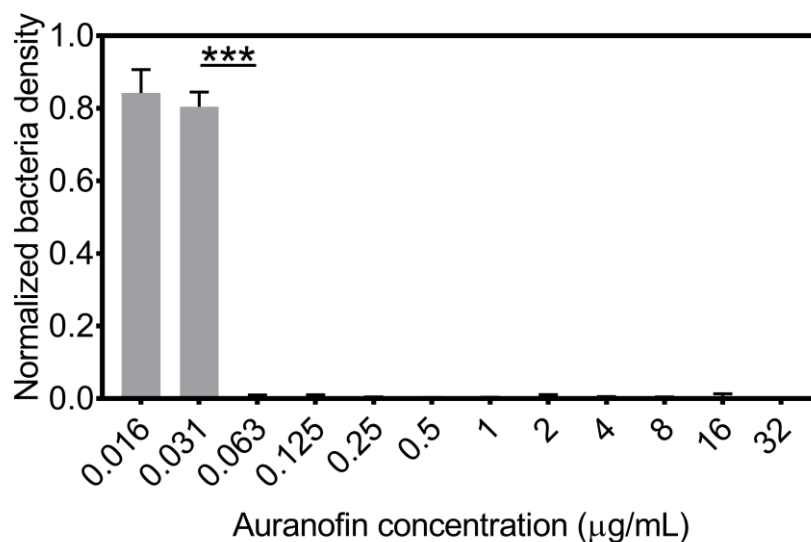


Figure S1: MIC of auranofin against MRSA USA 300. Data are shown as mean \pm standard deviation where *** $p < 0.001$ between auranofin concentrations evaluated using one-way ANOVA ($n = 3$).

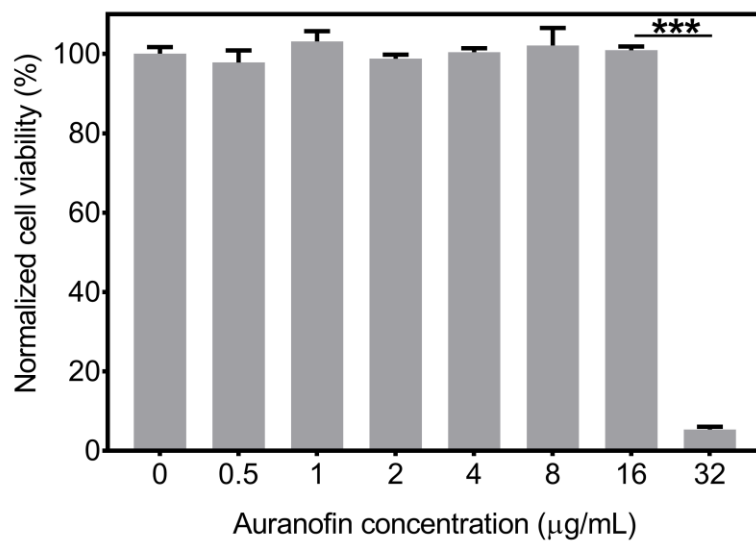


Figure S2: Auranofin toxicity to liver hepatocellular carcinoma (HepG2) cells. Data are shown as mean \pm standard deviation where *** $p < 0.001$ between auranofin concentrations evaluated using one-way ANOVA ($n = 3$).