

Supplementary Materials: The Use of Artificial Gel Forming Bolalipids as Novel Formulations in Antimicrobial and Antifungal Therapy

Nathalie Goergen, Matthias Wojcik, Simon Drescher, Shashank Reddy Pinnapireddy, Jana Brüßler, Udo Bakowsky and Jarmila Jedelská

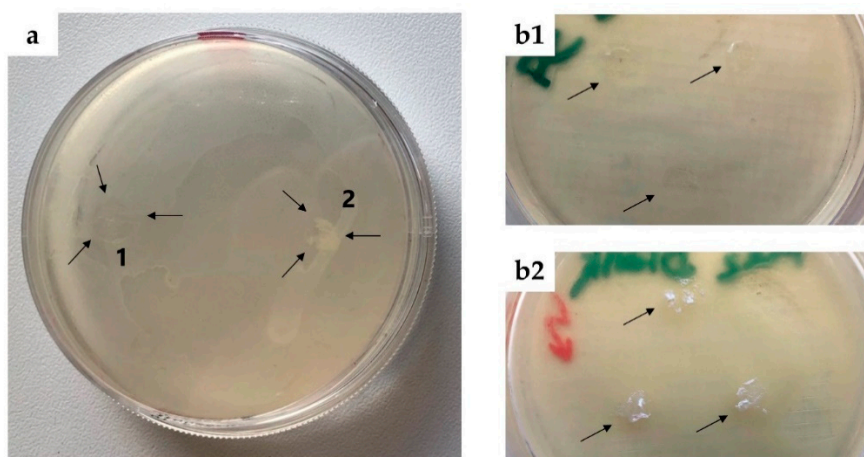


Figure S1a. Negative control of bolalipid aerogels without MB. PDT towards *Saccharomyces cerevisiae*. The arrows indicate (a) non-irradiated and (b) irradiated aerogels with (1) PC-C32-PC and (2) Me₂PE-C32-Me₂PE. In all case, no inhibition of yeast growth was detectable.

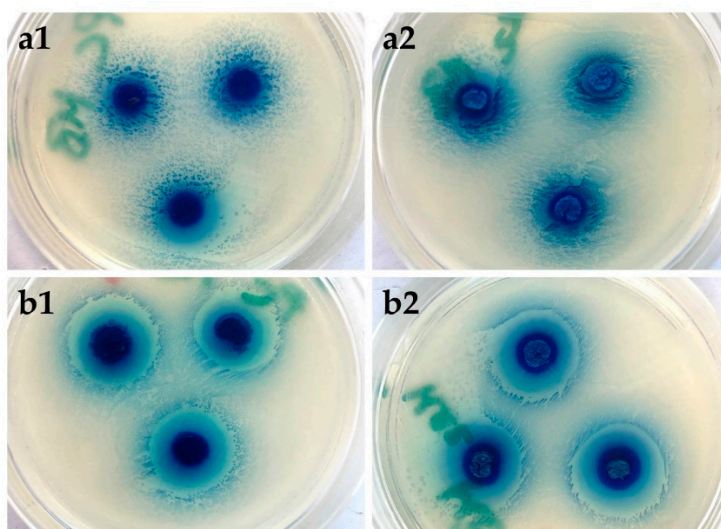


Figure S1b. PDT towards *Saccharomyces cerevisiae* with (1) PC-C32-PC and (2) Me₂PE-C32-Me₂PE bolalipid aerogels containing MB. Irradiated aerogels (b1,b2) exhibited larger inhibition zone compared to non-irradiated samples (a1,a2).

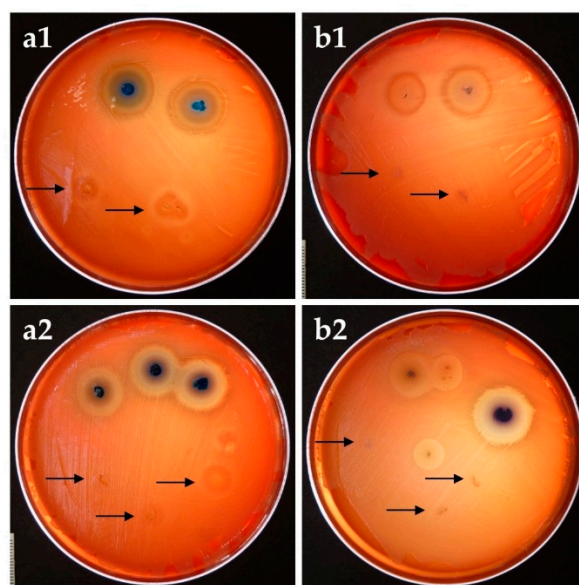


Figure S2. Overview of aPDT towards *Staphylococcus aureus*. (a) PC-C32-PC and (b) Me₂PE-C32-Me₂PE aerogels with (1) non-irradiated and (2) irradiated samples. Arrows indicate negative controls (aerogels without MB).