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Article

Supporting Information for: Functionalized mesoporous silica thin films as ROS-generating antimicrobial coatings

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1. Contact angle measurements

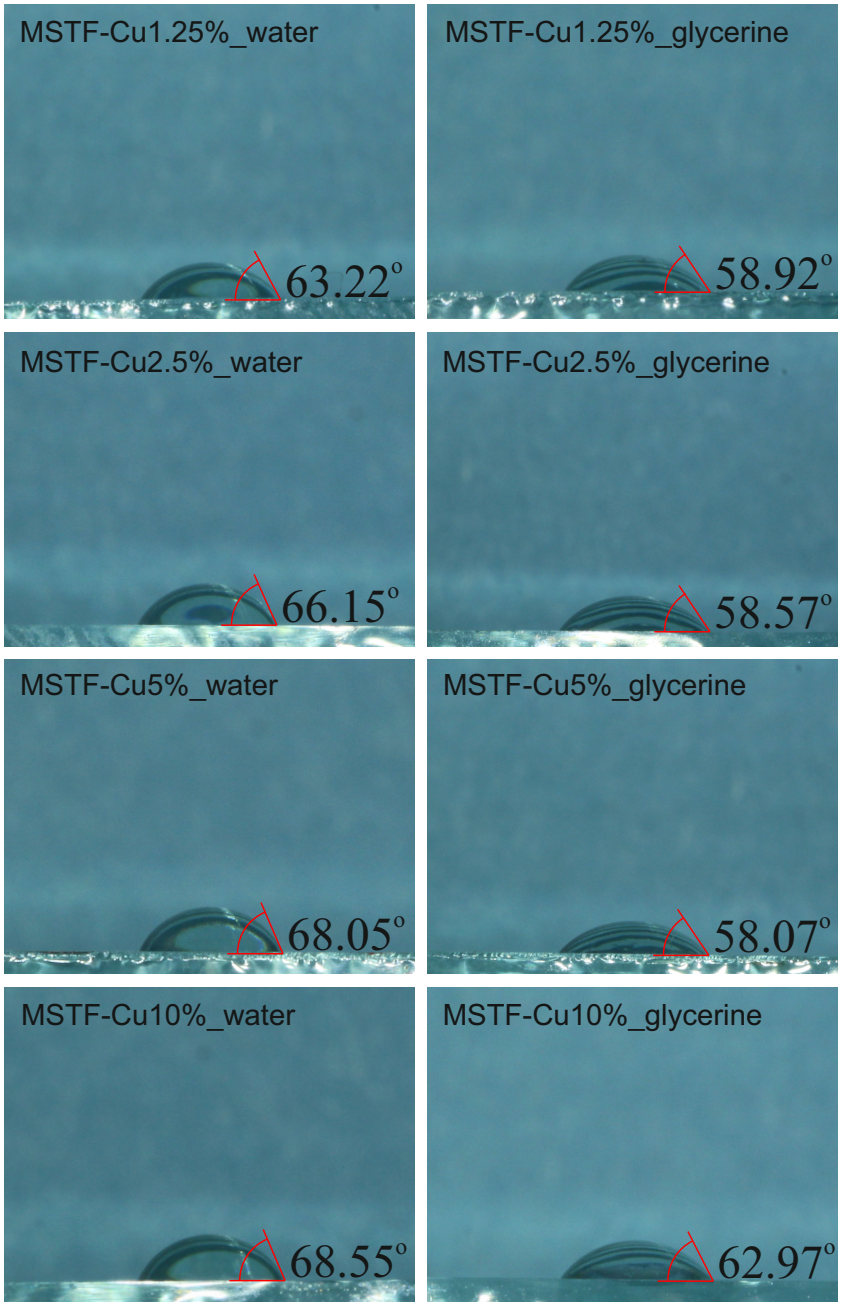

Figure S1. Source images from contact angle measurements for investigated samples: mesoporous silica thin films containing various concentrations of propyl copper phosphate functional units inside pores, using distilled water and glycerine. The images indicate the contact angles.

2. pictures of the growing plates used for experiments

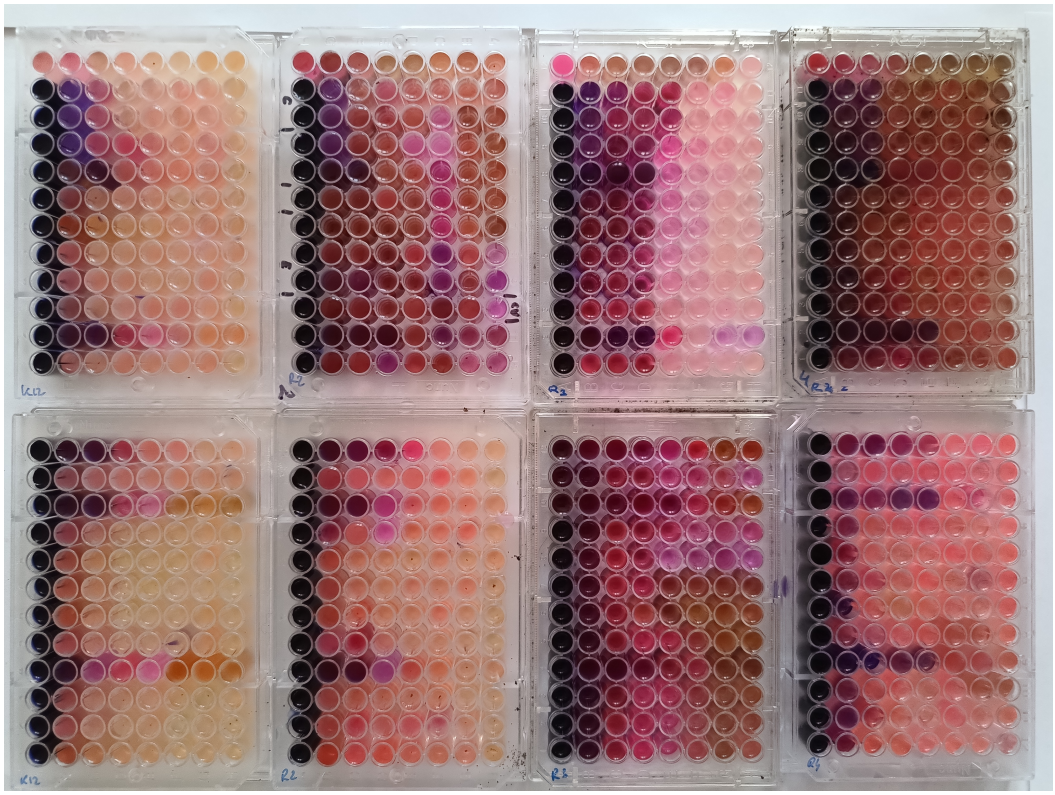

Figure S2. Minimum inhibitory concentration (MIC) of investigated samples: mesoporous silica thin films containing various concentrations of propyl copper phosphate functional units inside pores, in comparison to standard antibiotics: ciprofloxacin, cloxacillin, and bleomycin. Pictures of growing plates.

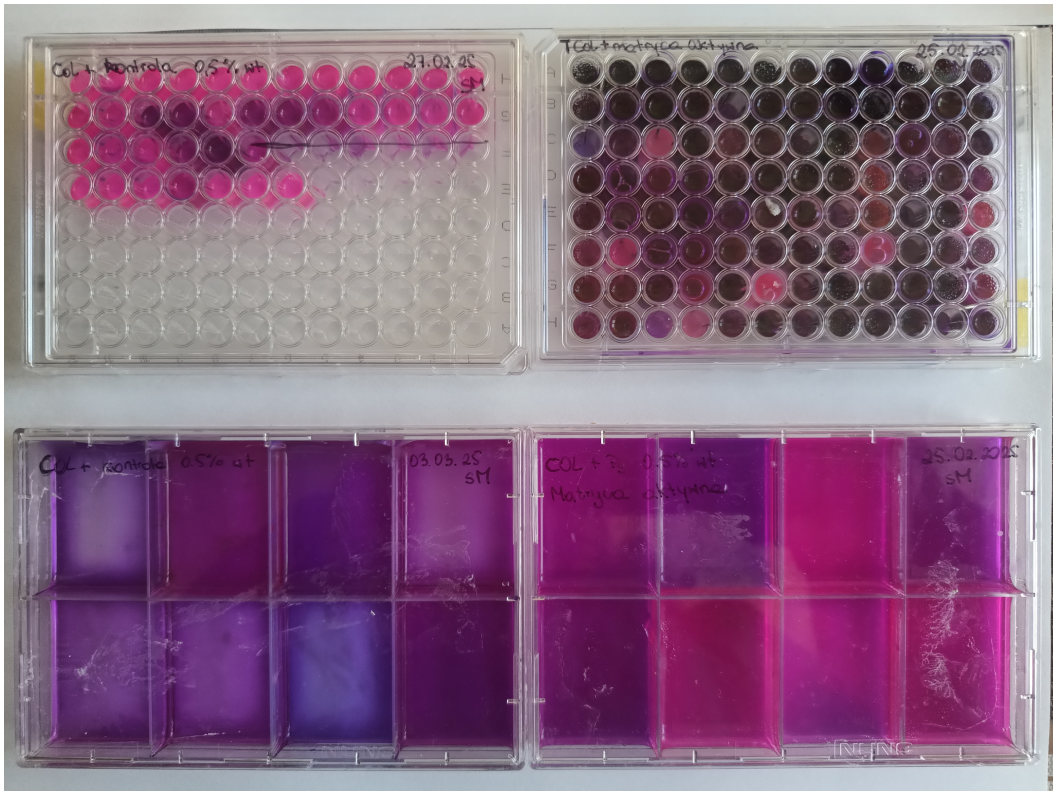

Figure S3. Tests of cell viability in the mouse embryonic fibroblast cell line (BALB/c3T3) and HeLa cell line after 24 h of incubation with of investigated samples: mesoporous silica thin films containing various concentrations of propyl copper phosphate functional units inside pores, in comparison to standard antibiotics: ciprofloxacin, cloxacillin, and bleomycin. Pictures of growing plates.