

Supplementary Materials: Surface Active Ionic Liquids Based Coatings as Subaerial Anti-Biofilms for Stone Built Cultural Heritage

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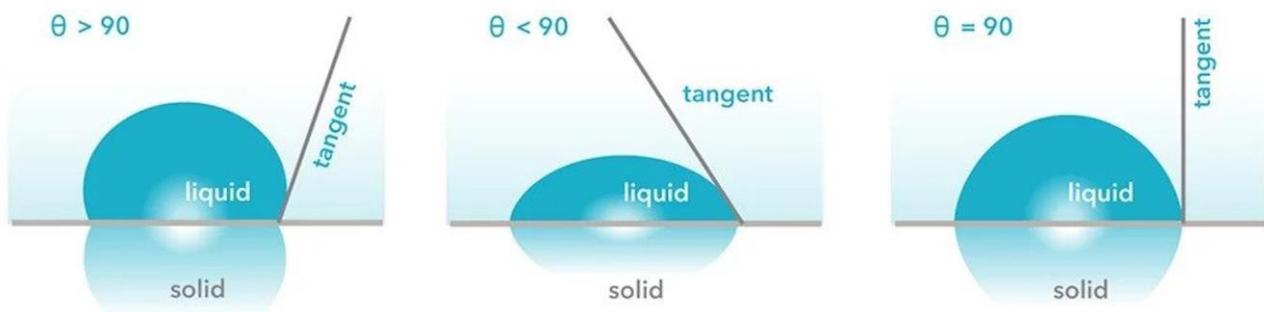


Figure S1. Determination of the contact angle (from <https://www.nanoscience.com/techniques/tensiometry/>). $\theta > 90$ = hydrophobic; $\theta < 90$ = hydrophilic.

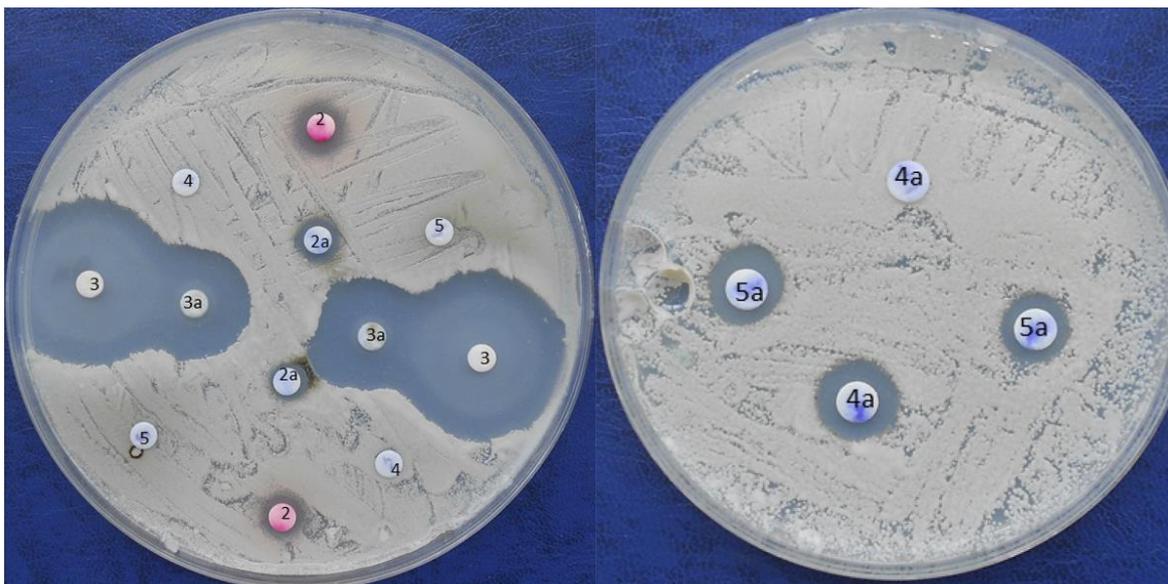


Figure S2. Anti-micograms carried out with the strain *Aureobasidium* sp. MC 875 in 2 Petri dishes of different size: on the left, the Petri dish was 120 mm diameter, while on the right was 90 mm diameter.

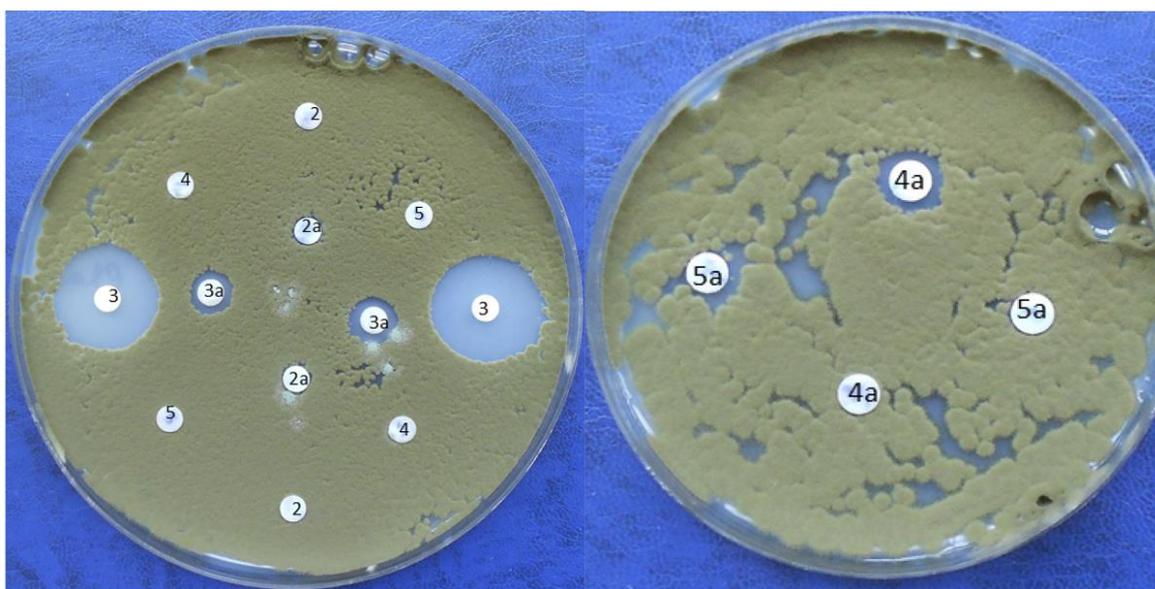


Figure S3. Results of anti-micograms carried out with the strain *Cladosporium* sp. p MC 853 in 2 Petri dishes of different size: on the left, the Petri dish was 120 mm diameter, while on the right was 90 mm diameter.

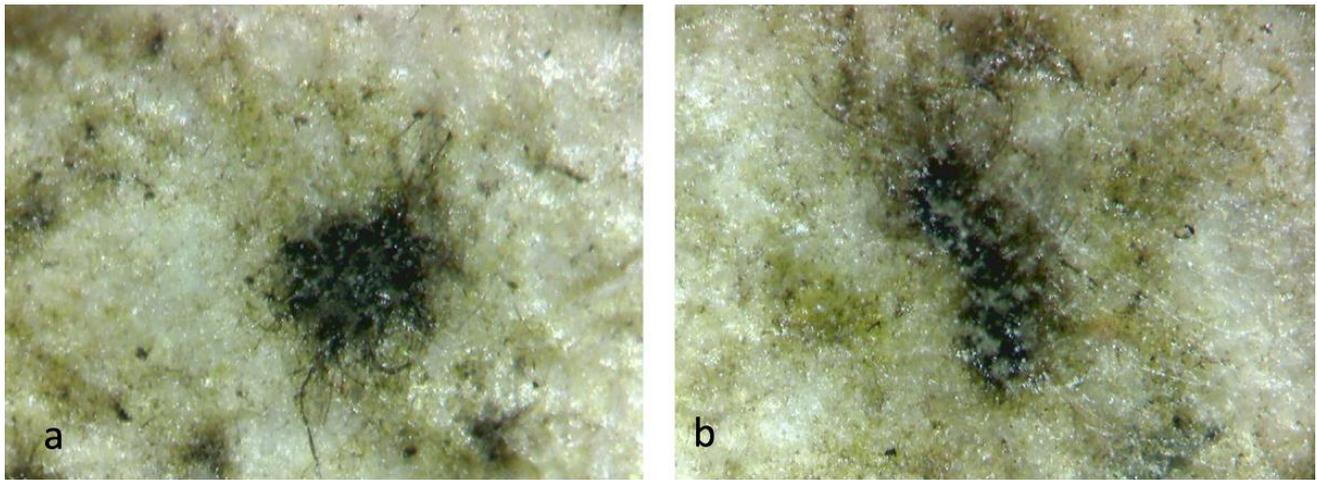


Figure S4. Stereomicroscopic observation of biofilm on tufa treated with (a) 3 and (b) 3a, after 60 days of incubation, showing the scattered presence of algae (in green) and fungal spread (in dark). Magnification 630 \times .