

Supplementary information

Advanced Mycelium Materials as Potential Self-Growing Biomedical Scaffolds

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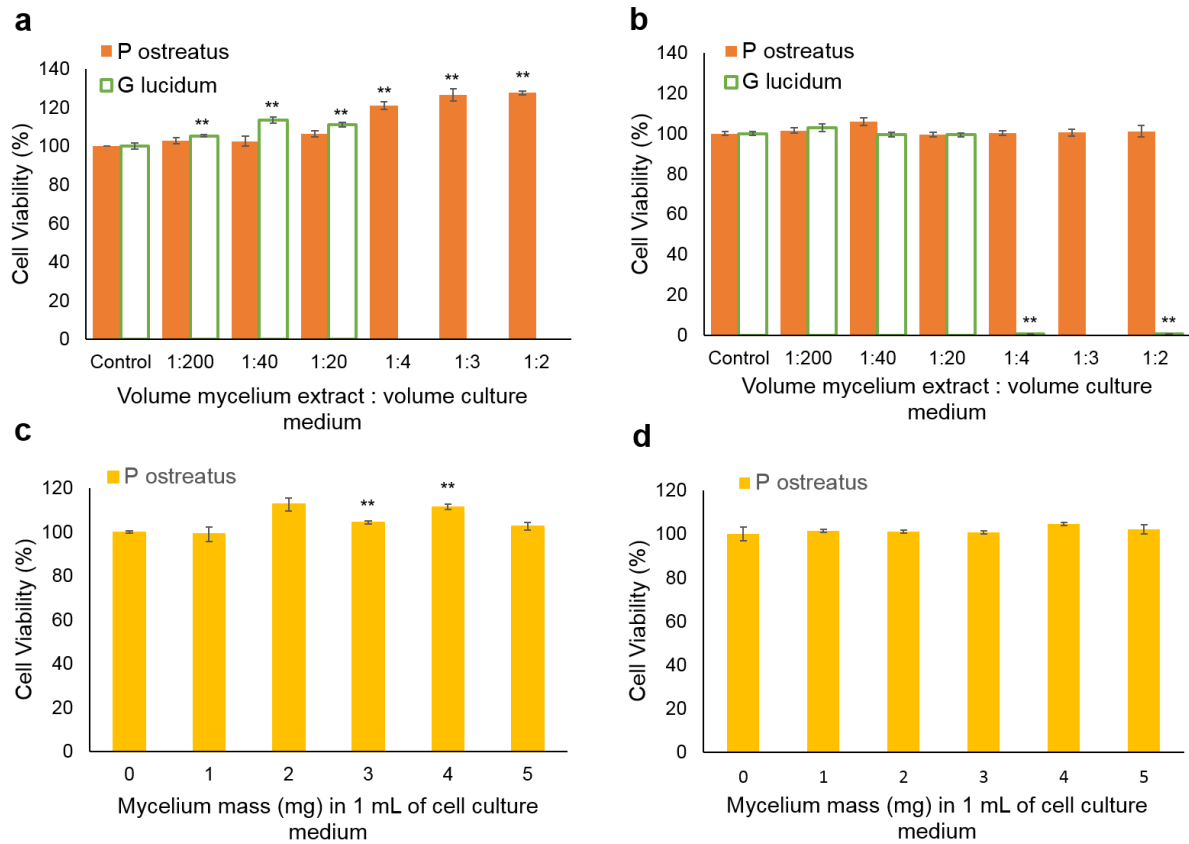


Figure S1. Biocompatibility towards HDFa cells. Primary human fibroblast (HDFa cells) viability in the presence of mycelia extract for 48 hours (a) and 72 hours (b). The reported values indicate the dilutions prepared starting from a stock solution of 20 mg of mycelium in 1 mL of Medium 106 containing growth factors. MTS assay results for the *Pleurotus ostreatus* semi-contact experiments carried out for 48 hours (c) and 72 hours (d). Data are expressed as average \pm standard error and a $p < 0.01$ (**) was considered as significant.

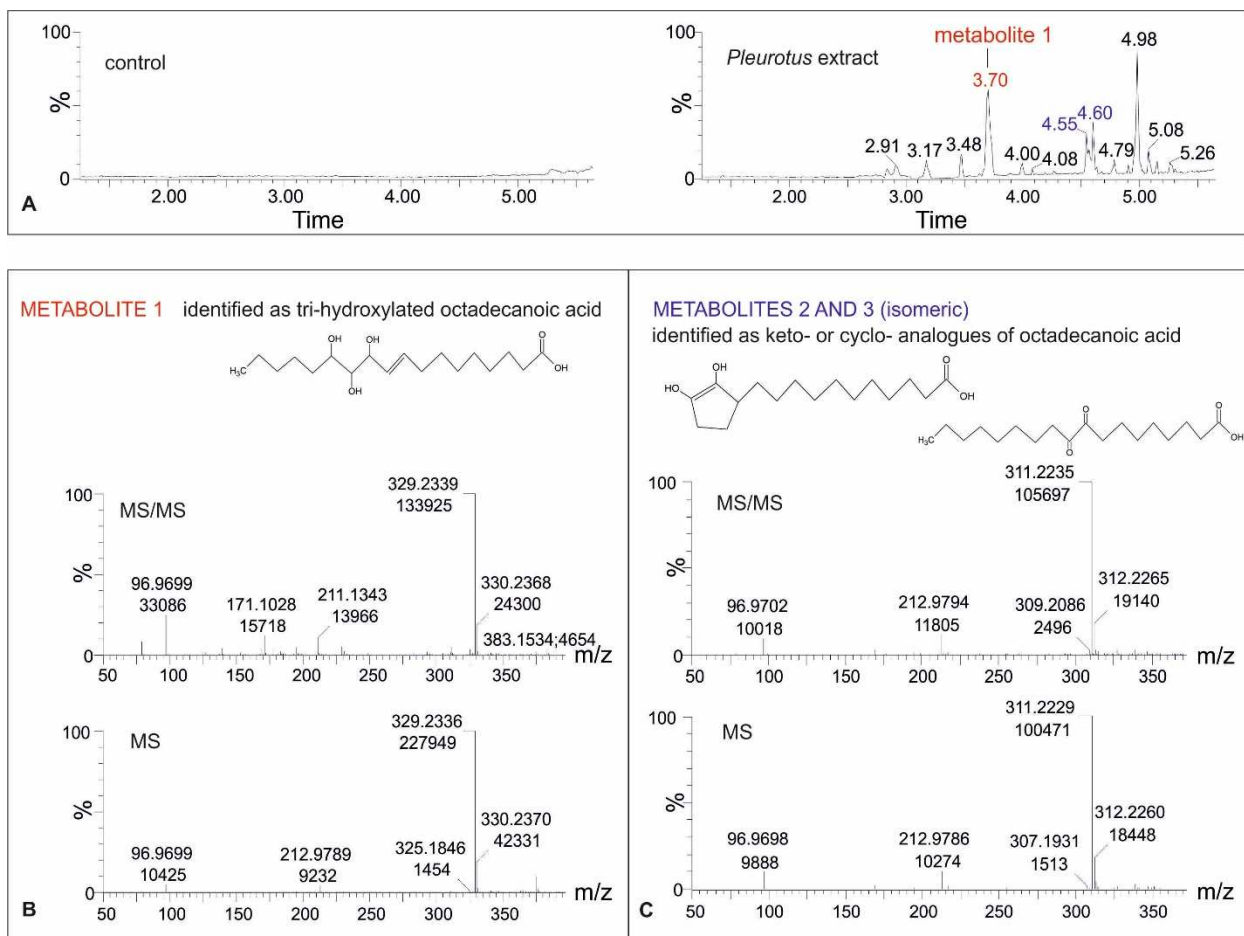


Figure S3. Results of UPLC-MS analysis of extracts and washing PBS from *Pleurotus ostreatus*.

UPLC chromatograms (A) and MS spectra of metabolite 1 (B) and metabolites 2 and 3 (C)