

Supplementary material

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“Co-cultivation of filamentous microorganisms in the presence of aluminum oxide microparticles”

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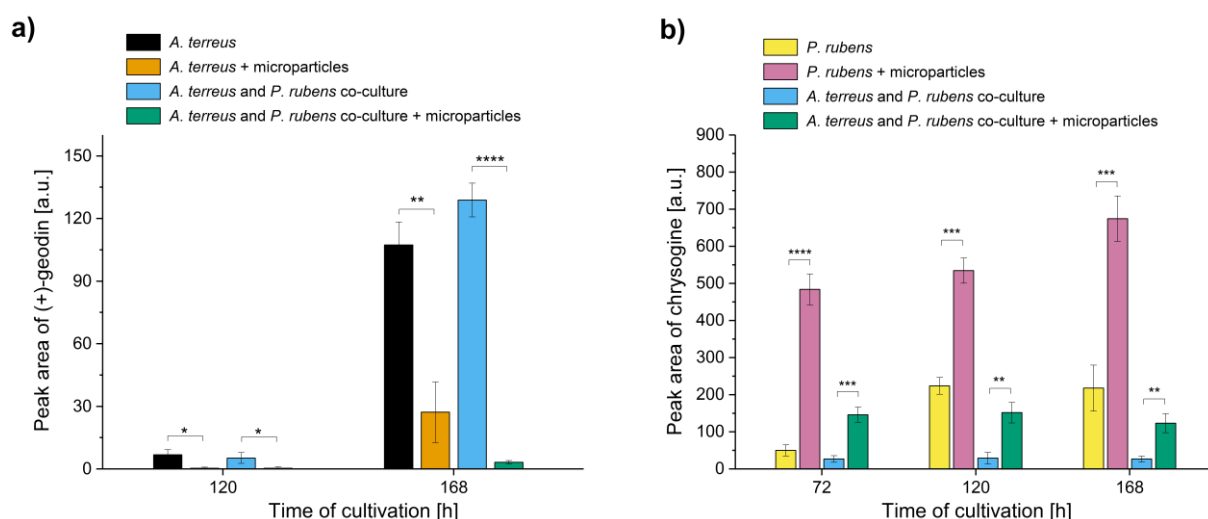


Figure S1 Influence of aluminum oxide (AO) on the titers of secondary metabolites in the mono- and co-cultures of *Aspergillus terreus* and *Penicillium rubens*. Time courses of (+)-geodin (a) and chrysogine (b) levels in the *A. terreus* monoculture or *P. rubens* monoculture and the “*A. terreus* vs. *P. rubens*” co-culture with and without the addition of AO microparticles are shown. The peak area values are presented as “mean $\pm$ standard deviation” ($n = 3$). The two-sample t-test (with a significance level of $\alpha = 0.05$) was applied to verify if the results obtained for the AO variants differed significantly from their non-AO counterparts. * $p \leq 0.05$, ** $p \leq 0.01$, *** $p \leq 0.001$, **** $p \leq 0.0001$, ns - not significant, a.u. - auxiliary units.

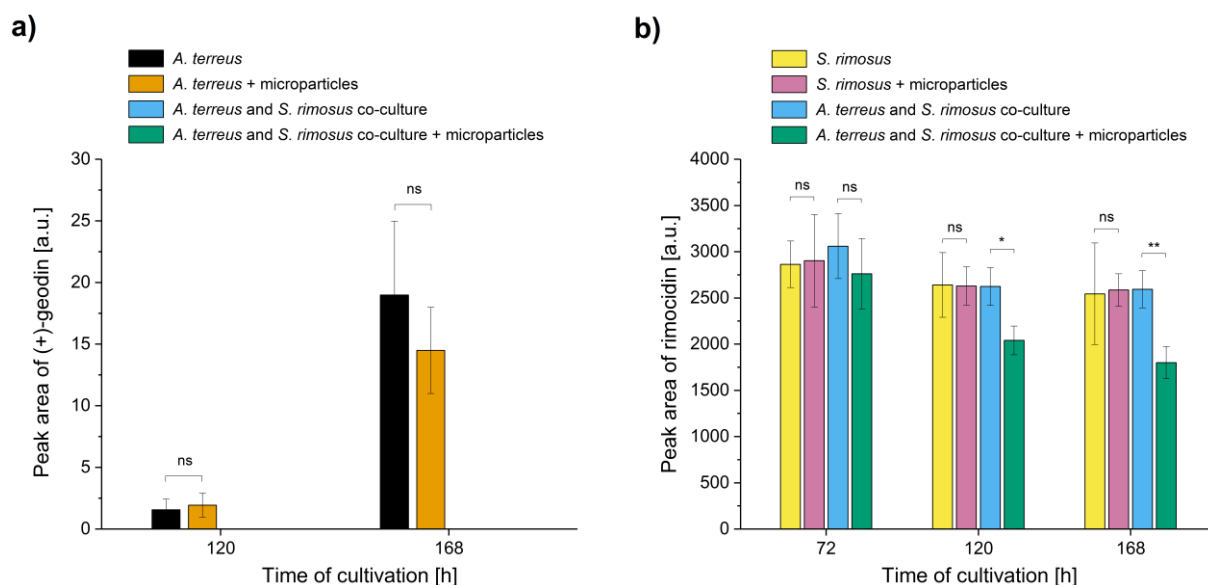


Figure S2 Influence of aluminum oxide (AO) on the titers of secondary metabolites in the mono- and co-cultures of *Aspergillus terreus* and *Streptomyces rimosus*. Time courses of (+)-geodin (a) and rimocidin (b) levels in the *A. terreus* monoculture or *S. rimosus* monoculture and the “*A. terreus* vs. *S. rimosus*” co-culture with and without the addition of AO microparticles are shown. The peak area values are presented as “mean $\pm$ standard deviation” ($n = 3$). The two-sample t-test (with a significance level of $\alpha = 0.05$) was applied to verify if the results obtained for the AO variants differed significantly from their non-AO counterparts. * $p \leq 0.05$, ** $p \leq 0.01$, ns - not significant, a.u. - auxiliary units.