

SUPPLEMENTARY INFORMATION (SI)

Antibacterial and antifungal activities of fungus comb extracts isolated from Indo-malayan Termite *Macrotermes gilvus* Hagen Mound

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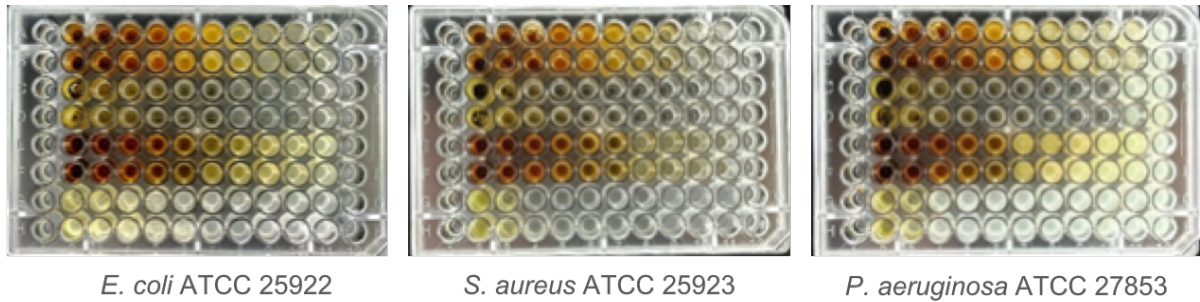
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Supplementary Figure 1. MIC of fungus comb extracts against *Escherichia coli* ATCC 25922, *Staphylococcus aureus* ATCC 25923 and *Pseudomonas aeruginosa* ATCC 27853

Supplementary Figure 2. MBC of fungus comb extracts against *Escherichia coli* ATCC 25922, *Staphylococcus aureus* ATCC 25923 and *Pseudomonas aeruginosa* ATCC 27853.

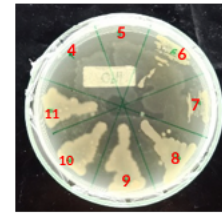
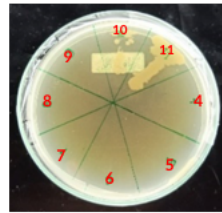
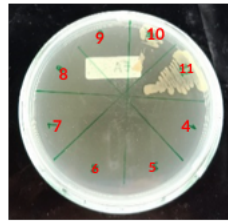
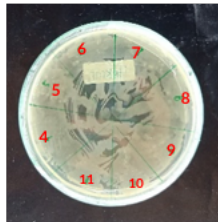
Supplementary Figure 3. MIC of fungus comb extracts against *Aspergillus flavus* FNCC 6181 and *Aspergillus niger* FNCC 6114.

Supplementary Figure 4. MFC of fungus comb extracts against *Aspergillus flavus* FNCC 6181 and *Aspergillus niger* FNCC 6114.

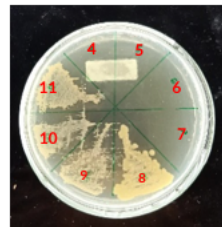
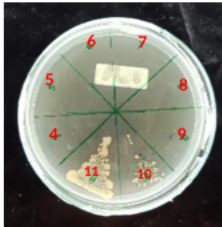
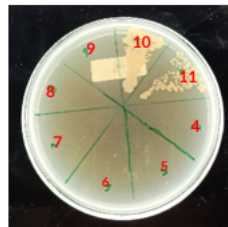
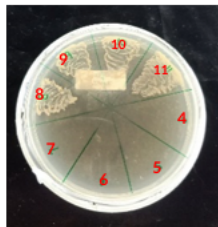


Supplementary Figure 1. MIC of fungus comb extracts against *Escherichia coli* ATCC 25922, *Staphylococcus aureus* ATCC 25923 and *Pseudomonas aeruginosa* ATCC 27853

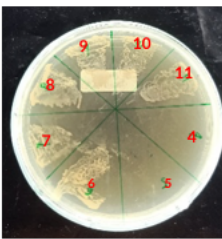
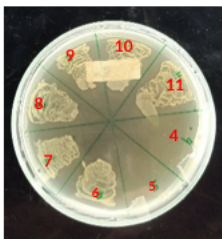
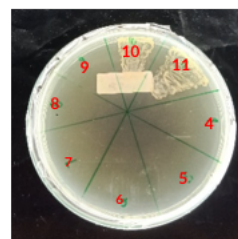
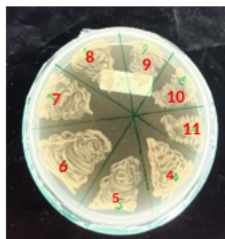
A,B, ethyl acetate extract; C,D, water extract; E,F, methanol extract; G,H, n-hexane extract; 1, negative control; 2, 100 mg/ml; 3, 50 mg/ml; 4, 25 mg/ml; 5, 12 mg/ml; 6, 6.25 mg/ml; 7, 3.125 mg/ml; 8, 1.56 mg/ml; 9, 0.78 mg/ml; 10, 0.39 mg/ml; 11, 0.19 mg/ml; 12, positive control



Escherichia coli ATCC 25922



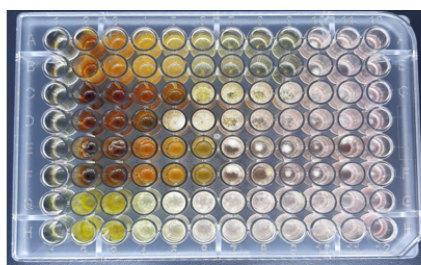
Staphylococcus aureus ATCC 25923



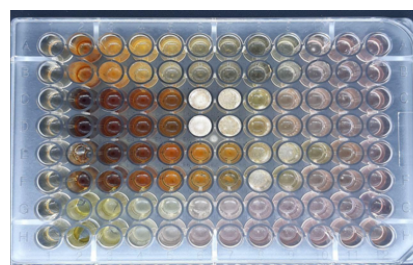
Pseudomonas aeruginosa ATCC 27853

Supplementary Figure 2. MBC of fungus comb extracts against *Escherichia coli* ATCC 25922, *Staphylococcus aureus* ATCC 25923 and *Pseudomonas aeruginosa* ATCC 27853.

a, n-hexane extract; b, ethyl acetate extract; c, methanol extract; d, water extract. 4, 25 mg/ml; 5, 12 mg/ml; 6, 6.25 mg/ml; 7, 3.125 mg/ml; 8, 1.56 mg/ml; 9, 0.78 mg/ml; 10, 0.39 mg/ml; 11, 0.19 mg/ml.



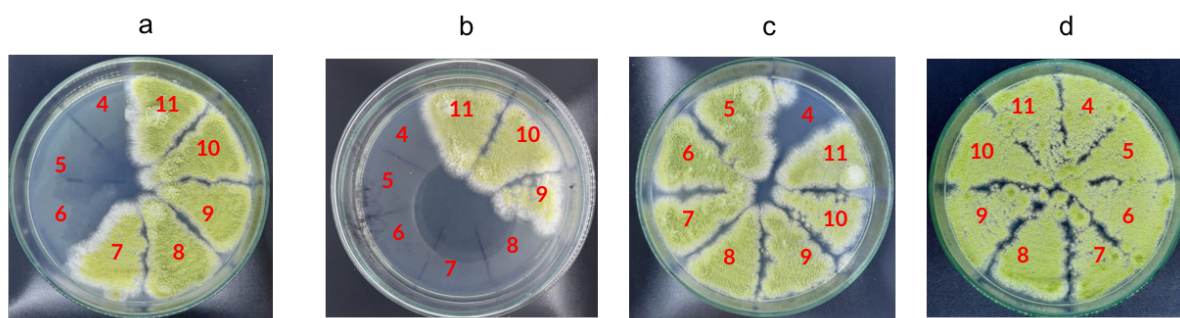
A. flavus FNCC 6181



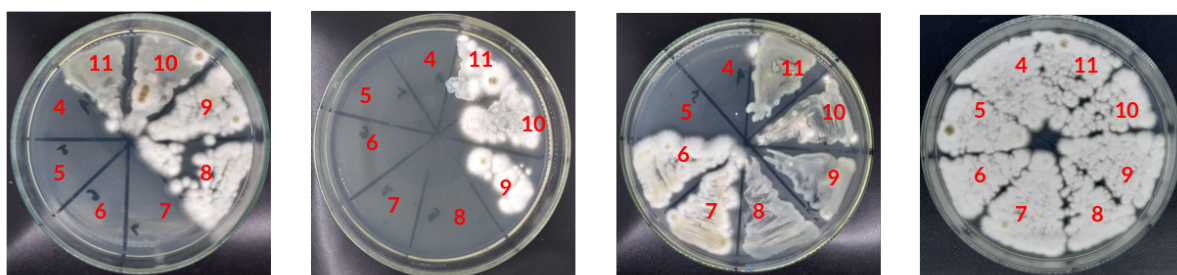
A. niger FNCC 6114

Supplementary Figure 3. MIC of fungus comb extracts against *Aspergillus flavus* FNCC 6181 and *Aspergillus niger* FNCC 6114.

A,B, ethyl acetate extract; C,D, water extract; E,F, methanol extract; G,H, n-hexane extract; 1, negative control; 2, 100 mg/ml; 3, 50 mg/ml; 4, 25 mg/ml; 5, 12 mg/ml; 6, 6.25 mg/ml; 7, 3.125 mg/ml; 8, 1.56 mg/ml; 9, 0.78 mg/ml; 10, 0.39 mg/ml; 11, 0.19 mg/ml; 12, positive control



Aspergillus flavus FNCC 6181



Aspergillus niger FNCC 6114

Supplementary Figure 4. MFC of fungus comb extracts against *Aspergillus flavus* FNCC 6181 and *Aspergillus niger* FNCC 6114.

a, n-hexane extract; b, ethyl acetate extract; c, methanol extract; d, water extract. 4, 25 mg/ml; 5, 12 mg/ml; 6, 6.25 mg/ml; 7, 3.125 mg/ml; 8, 1.56 mg/ml; 9, 0.78 mg/ml; 10, 0.39 mg/ml; 11, 0.19 mg/ml.