

Supplementary Materials: Development of Mushroom-Based Cosmeceutical Formulations with Anti-Inflammatory, Anti-Tyrosinase, Antioxidant and Antibacterial Properties

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Table S1. Antibiotic resistance profiles of Gram negative bacteria; MIC values ($\mu\text{g/mL}$).

Antibiotics	<i>Escherichia coli</i>		<i>Pseudomonas aeruginosa</i>	
Ampicillin	>8	R		na
Amoxicillin/Clavulanic Acid	$\leq 8/4$	S		na
Amikacin		na	≤ 8	S
Cefuroxim	≤ 4	S		na
Cefotaxim	≤ 1	S		na
Ceftazidim	≤ 1	S	>8	R
Norfloxacin	>8	R		na
Levofloxacin		na	>2	R
Ciprofloxacin	>1	R	>1	R
Nitrofurantoin	≤ 32	S		na
Fosfomycin	≤ 16	S		na
Colistin	≤ 2	S	≤ 4	S
Gentamicin	>4	R	>4	R
Imipenem		na	>8	R
Meropenem		na	>8	R
Piperacillin/Tazobactam		na	>16	R
Trimethoprim/Sulfamethoxazol	>4/76	R		na
Tobramycin		na	>4	R

S—Susceptible; I—Intermediate; R—Resistant (this classification was made according to the interpretative breakpoints suggested by Clinical and Laboratory Standards Institute—CLSI and European Committee on Antimicrobial Susceptibility Testing (EUCAST); na—not applicable.

Table S2. Antibiotic resistance profiles of Gram positive bacteria; MIC values ($\mu\text{g/mL}$).

Antibiotics	MRSA		MSSA		<i>Enterococcus faecalis</i>	
Penicillin	>8	R	≤ 0.12	S		na
Ampicillin		na		na	≤ 4	S
Oxacillin	>0.25	R	≤ 0.25	S		na
Clindamycin		na	>0.5	R		na
Erythromycin		na	>2	R		na
Ceftarolin	≤ 1	S		na		na
Gentamicin		na	≤ 1	S		na
Ciprofloxacin		na	>1	R		na
Levofloxacin		na	>2	R		na
Nitrofurantoin		na		na	≤ 64	S
Linezolid	≤ 4	S		na		na
Trimethoprim/Sulfamethoxazol		na	$\leq 2/38$	S		na
Vancomycin	≤ 2	S	≤ 2	S	≤ 2	S

MSSA—methicillin-sensitive *Staphylococcus aureus*; MRSA—methicillin-resistant *Staphylococcus aureus*; S—Susceptible; I—Intermediate; R—Resistant (this classification was made according to the interpretative breakpoints suggested by Clinical and Laboratory Standards Institute—CLSI) and European Committee on Antimicrobial Susceptibility Testing (EUCAST).