Arginine-Derived Cationic Surfactants Containing Phenylalanine and Tryptophan: Evaluation of Antifungal Activity, Biofilm Eradication, Cytotoxicity, and Ecotoxicity

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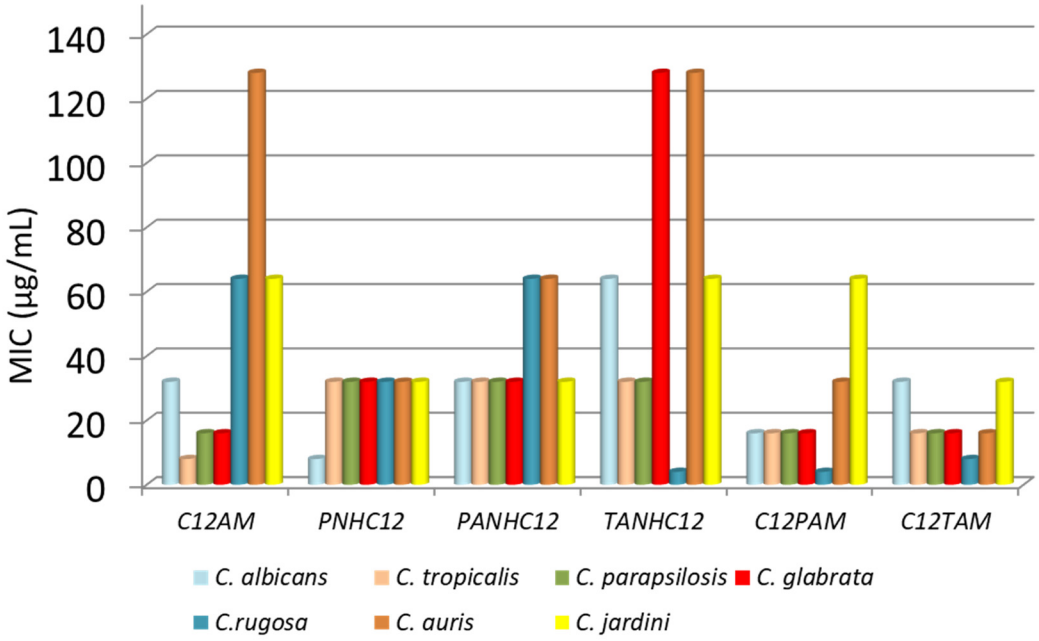


Figure S1. MIC values (µg/mL) of surfactants with C_{12} alkyl chains.

Table S1. Selectivity Index (HC_{50}/MIC) of surfactants with C_{12} alkyl chains

	BAC	$C_{12}AM$	$PNHC_{12}$	$PANHC_{12}$	$TANHC_{12}$	$C_{12}PAM$	$C_{12}TAM$
C. albicans	3.8	3.4	2.5	0.8	0.25	1.4	0.7
C. tropicalis	7.6	14	0.6	0.8	0.5	1.4	1.4
C. parapsilosis	.7.6	7	0.6	0.8	0.5	1.4	1.4
C. glabrata	3.8	7	0.6	0.8	0.12	1.4	1.4
C. rugosa	3.8	1.7	0.6	0.4	3.8	6	3
C. auris	0.9	0.9	0.6	0.4	0.12	0.7	1.4
C. jardini	1.9	1.7	0.6	0.8	0.25	0.4	0.7

Table S2. Selectivity Index (HC_{50}/MIC) of surfactants with two amino acids on the polar heads.

	$PANHC_{10}$	$PANHC_{12}$	$PANHC_{14}$	$TANHC_{10}$	$TANHC_{12}$	$TANHC_{14}$
C. albicans	1.6	0.8	1.2	1.15	0.25	1.1
C. tropicalis	1.6	0.8	2.4	1.15	0.5	3.7
C. parapsilosis	3.7	0.8	2.4	1.15	0.5	1.1
C. glabrata	3.7	0.8	2.4	1.15	0.25	1.9
C. rugosa	1.6	0.4	1.2	18	4	3.7
C. auris	0.8	0.4	1.2	0.6	0.1	1.1
C. jardini	1.6	0.8	1.2	1.15	0.25	1.9