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MDPI

Supplementary Material.

Combining the Peptide RWQWRWQWR and an Ethanolic Extract of *Bidens pilosa* Enhances the Activity against Sensitive and Resistant *Candida albicans* and *C. auris* Strains

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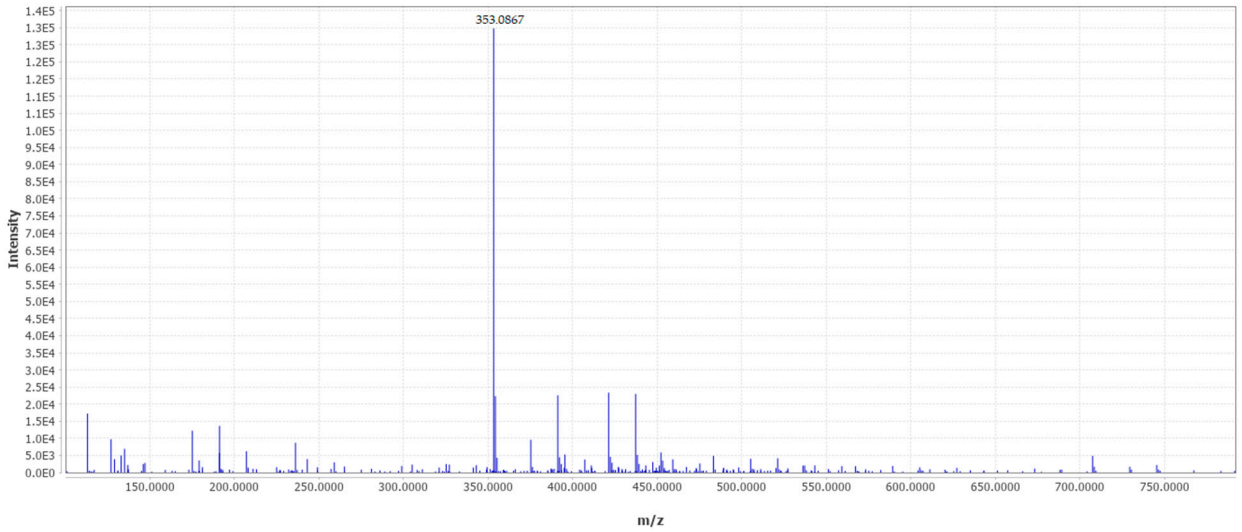

Figure S1. Mass spectrum of Chlorogenic Acid (peak 1).

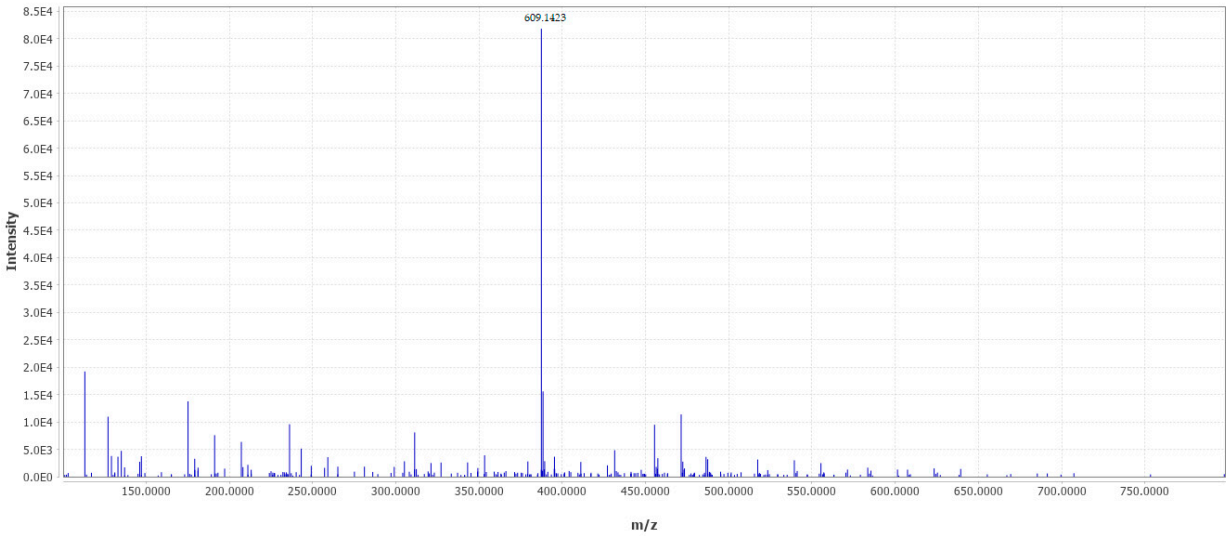

Figure S2. Mass spectrum of Rutin (peak 2)

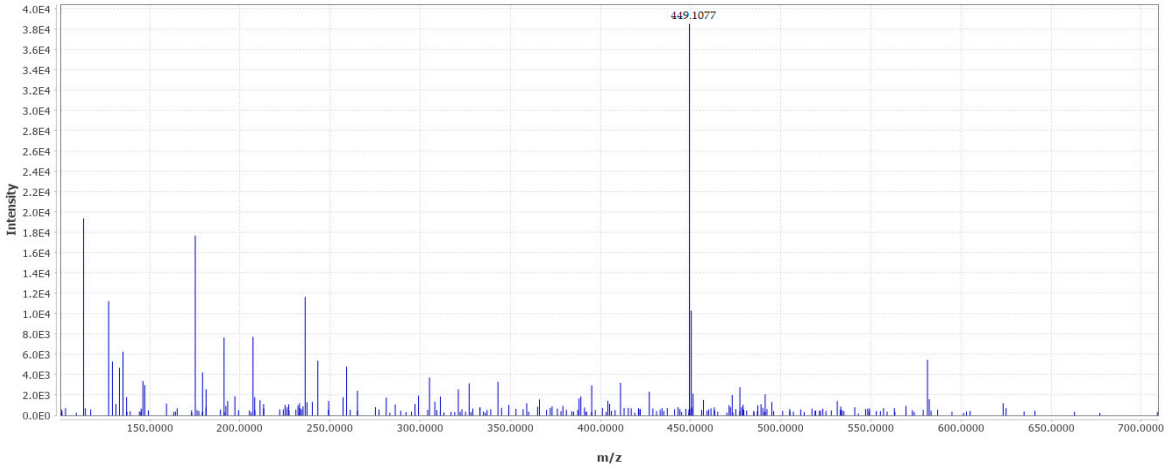

Figure S3. Mass spectrum of Okanin-O-glucoside (peak 3)

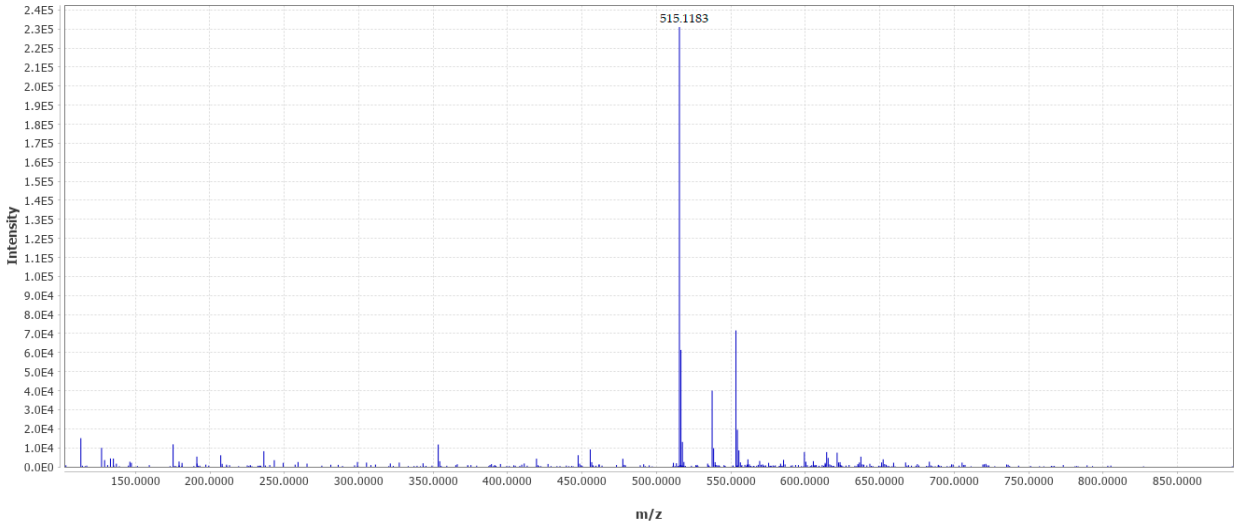

Figure S4. Mass spectrum of 3,4-di-Caffeoylquinic acid (peak 4)

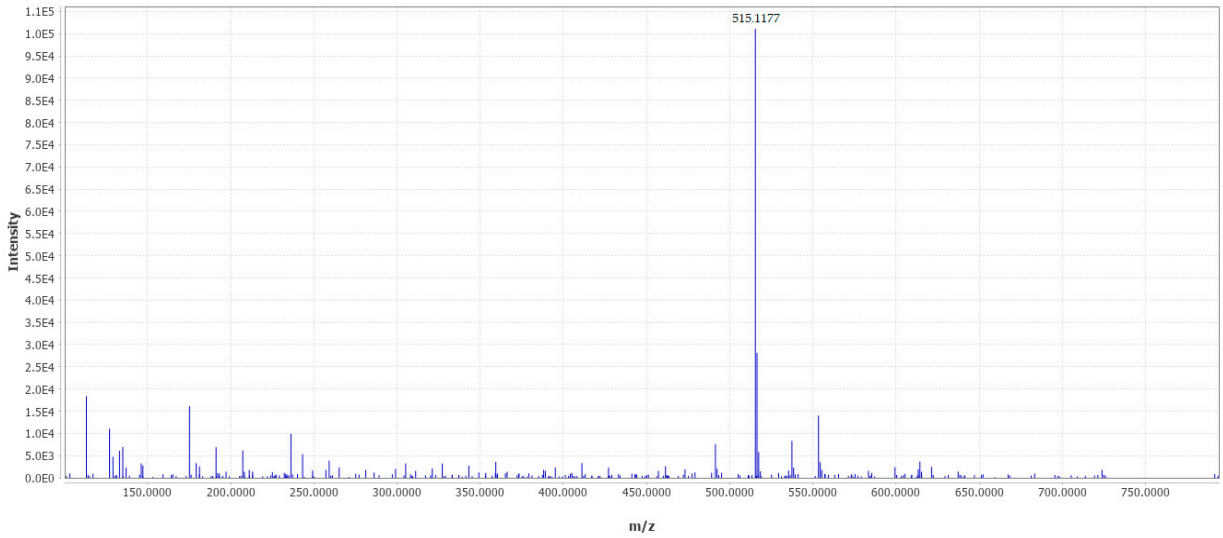

Figure S5. Mass spectrum of 3,5-di-Caffeoylquinic acid (peak 5)

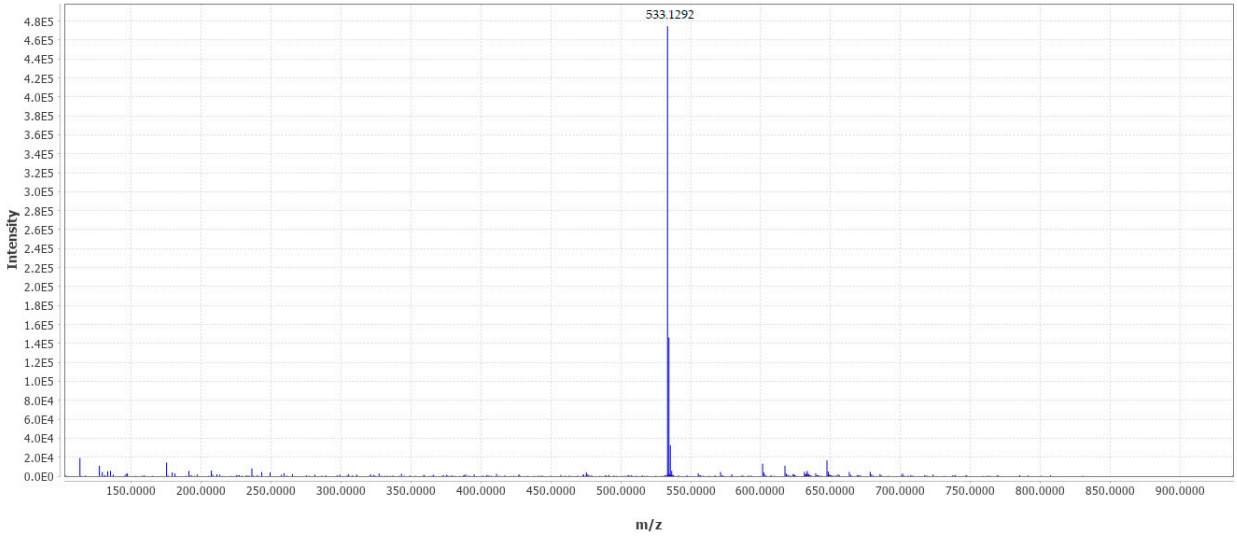

Figure S6. Mass spectrum of Okanin 4′-O-(diacetyl)-glucoside (peak 6)

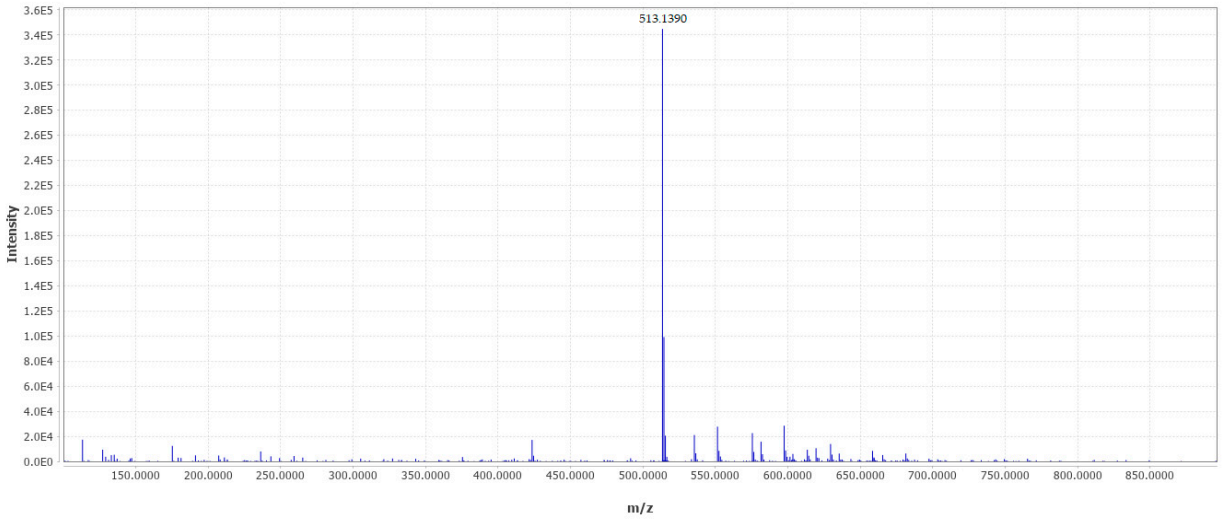

Figure S7. Mass spectrum of peak 7

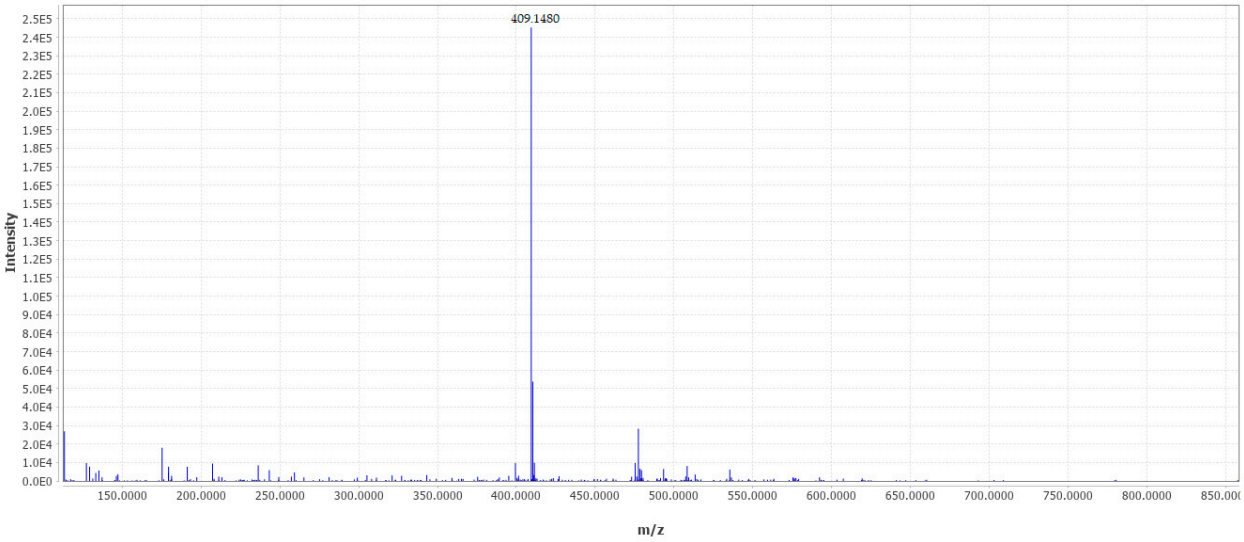

Figure S8. Mass spectrum of peak 8

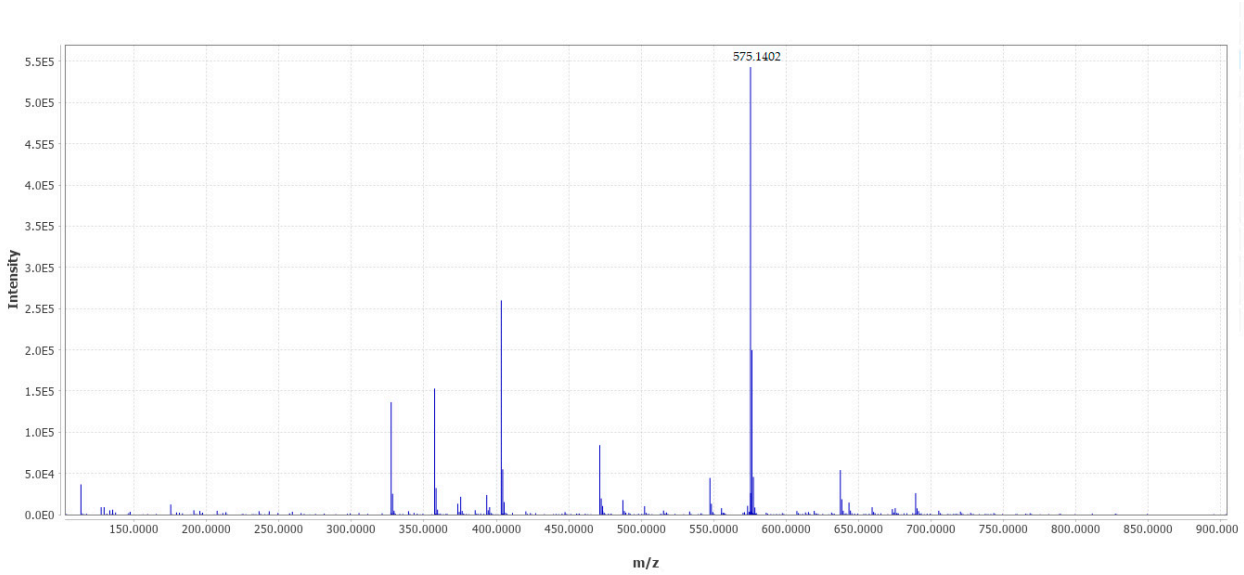

Figure S9. Mass spectrum of Okanin 4′-O-(triacetyl)-glucoside (peak 9)

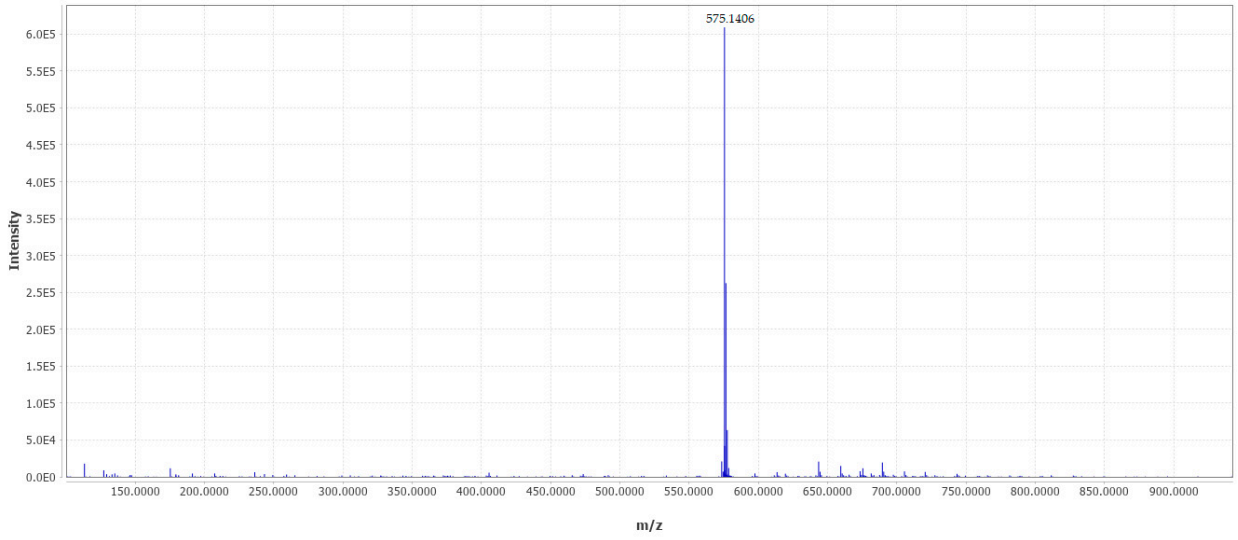

Figure S10. Mass spectrum of Okanin 4′-O-(triacetyl)-glucoside isomer (peak 10)

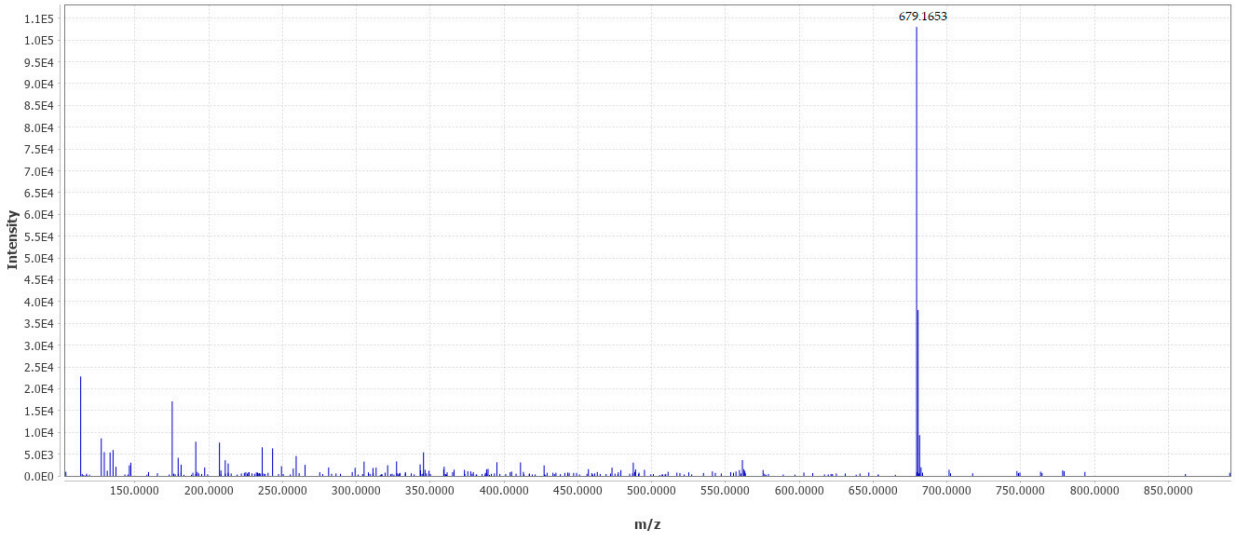

Figure S11. Mass spectrum of peak 11

Table S1. Synergy test of *B. pilosa* extract/Peptide combinations against *C. albicans* SC5314.

Strain	Phenotype	Extract	Peptide	MIC_E	MIC_P	E	P	FIC Index	MIC_E/E	MIC_P/P
C. albicans SC5314	S	8.12	R-1-R	1000	100	250	25	0,50	4	4
			[^{3}A]-R-1-R	1000	100	62,5	50	0,56	16	2
			[^{2}A]-R-1-R	1000	>200	62,5	50	0,31	16	4
			RR-1-R	1000	100	62,5	25	0,31	16	4
			[^{5}Bpa]-R-1-R	1000	>200	62,5	50	0,31	16	4

MIC_E and MIC_P correspond to the MIC (μg/mL) of the extract of *B. pilosa* and peptides derived from R-1-R, respectively; E and P correspond to the MIC values when combining the extract and peptide. Minimum fractional concentration index (FIC I), MIC_E/E, and MIC_P/P represent the factor by which the extract or peptide are potentiated after being evaluated in combination, respectively.

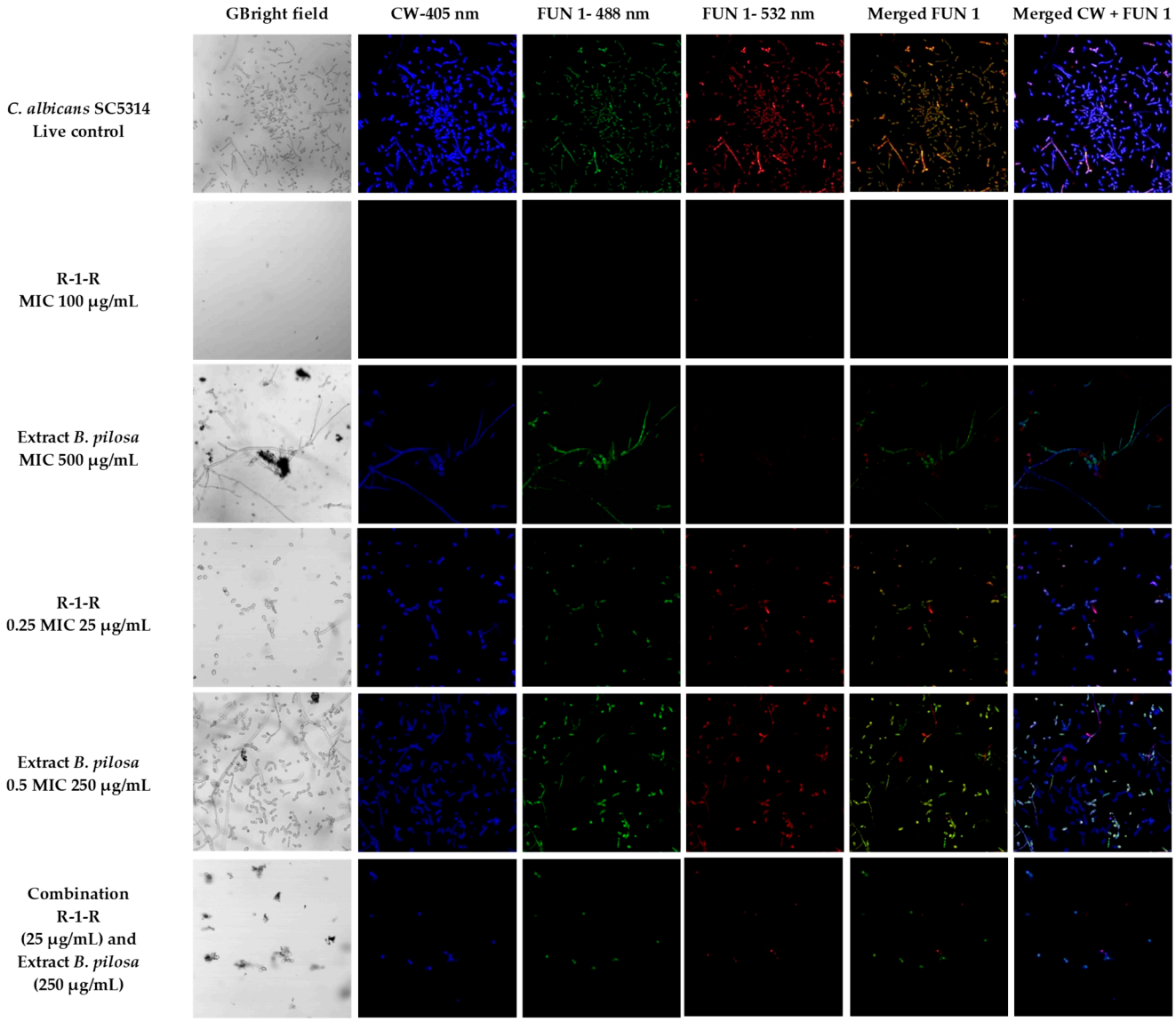

Figure S12. Cell viability assay of *C. albicans* SC5314 after treatment (48 h) with R-1-R, *B. pilosa* extract to MIC value, sub MIC values and combinations of peptide and extract where there was a synergistic effect.

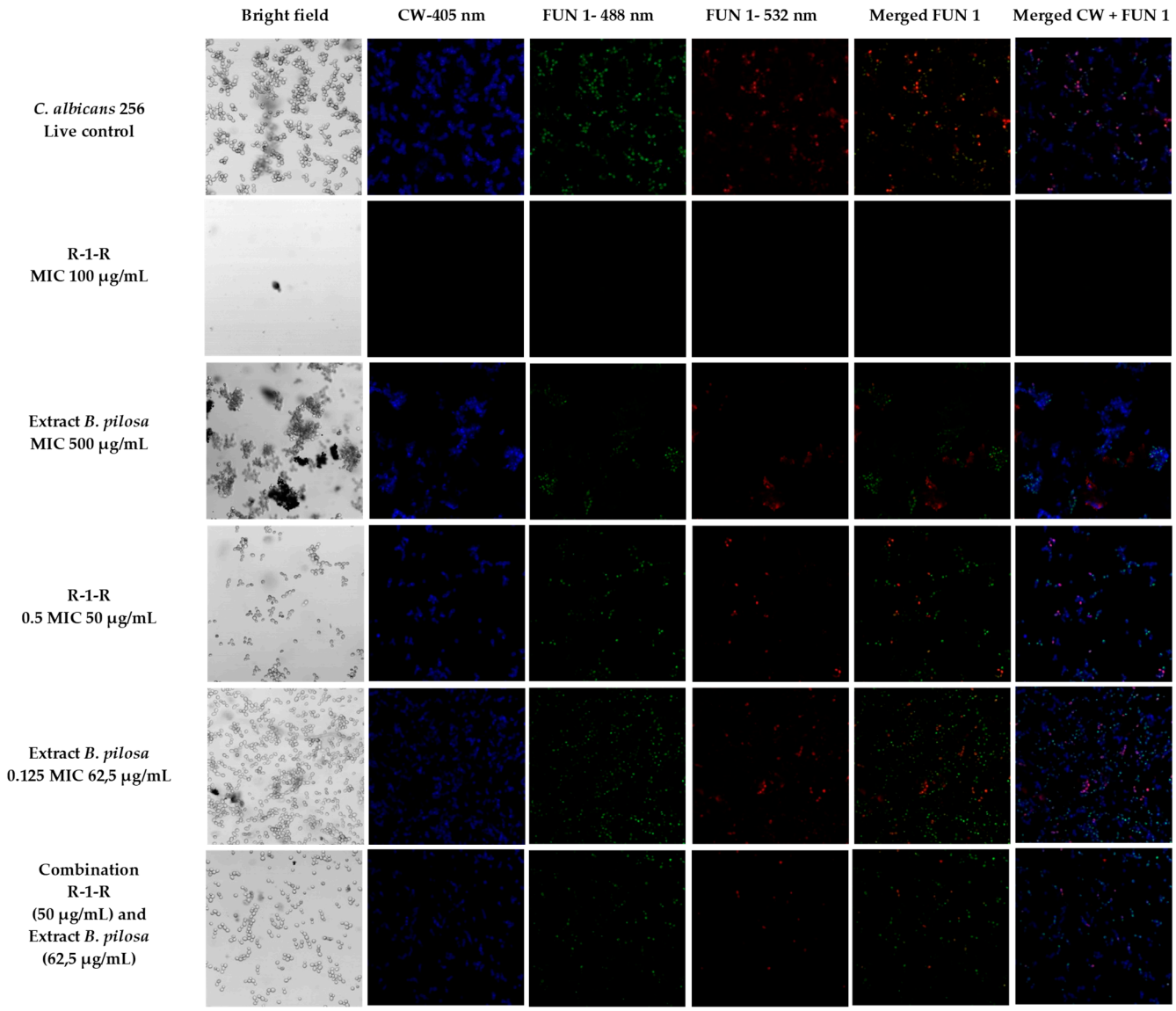

Figure S13. Cell viability assay of *C. albicans* 256 after treatment (48 h) with R-1-R, *B. pilosa* extract to MIC value, sub MIC values and combinations of peptide and extract where there was an additive effect.

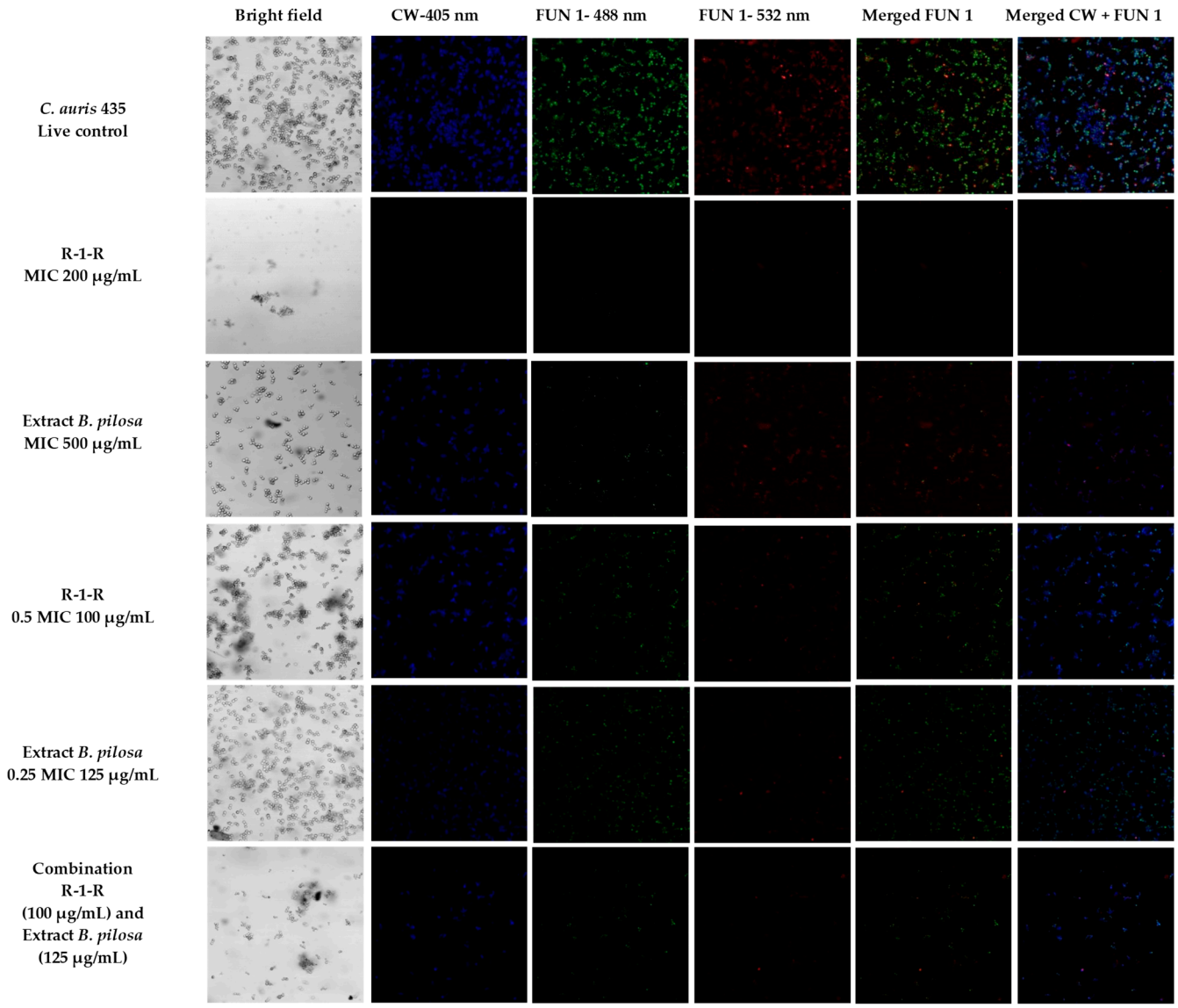

Figure S14. Cell viability assay of *C. auris* 435 after treatment (48 h) with R-1-R, *B. pilosa* extract to MIC value, sub MIC values and combinations of peptide and extract where there was a synergistic effect.

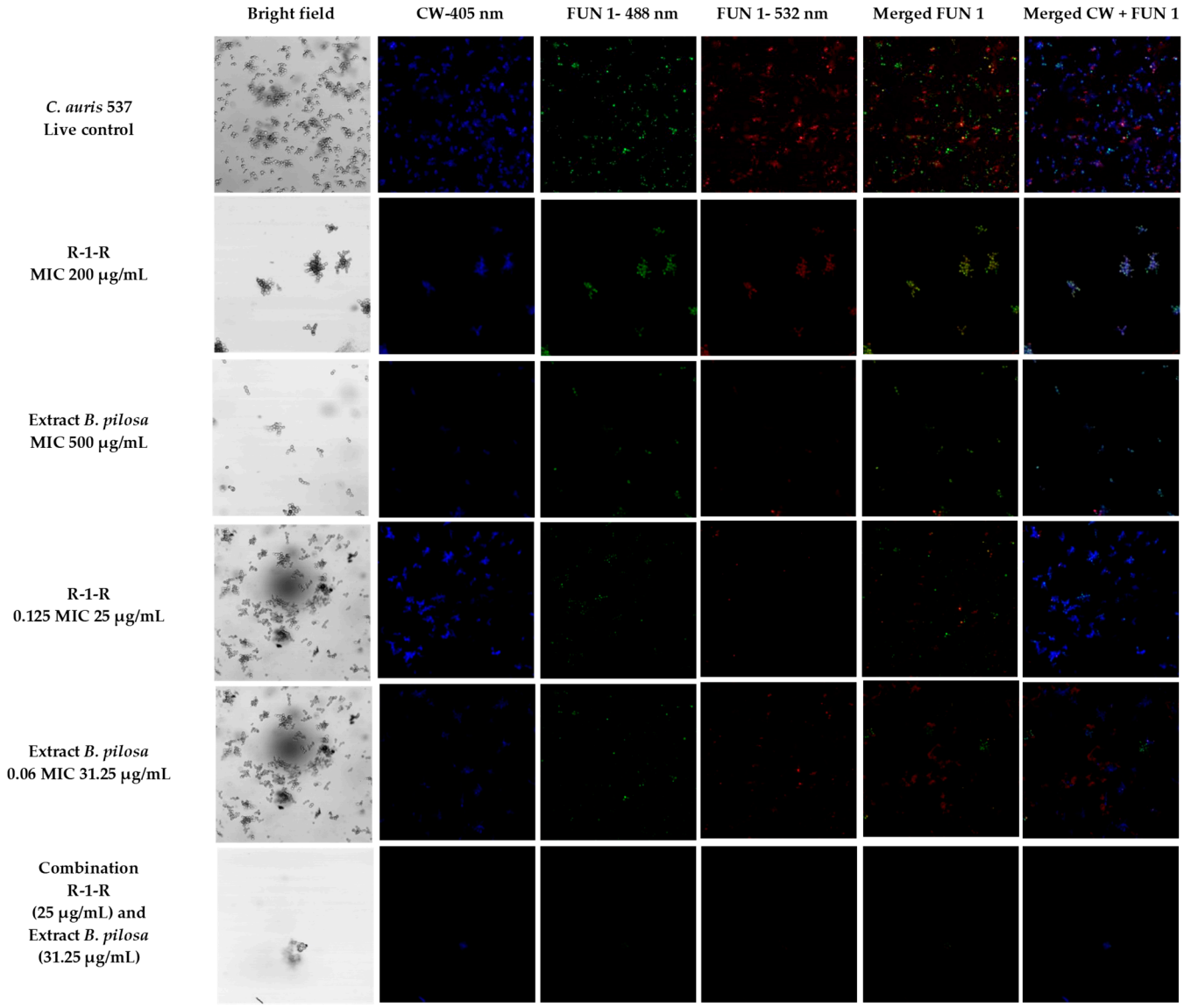

Figure S15. Cell viability assay of *C. auris* 537 after treatment (48 h) with R-1-R, *B. pilosa* extract to MIC value, sub MIC values and combinations of peptide and extract where there was a synergistic effect.