

Fig 1. Time-kill curves of norfloxacin (NOR) alone or in combination with *Ocimum americanum* (OA) extract on viable count of effluxing *S. aureus* strain SA1199B: M1, control; M2, one-half MIC OA; M3, one-fourth MIC NOR; M4, one-half MIC OA + one-fourth MIC NOR.

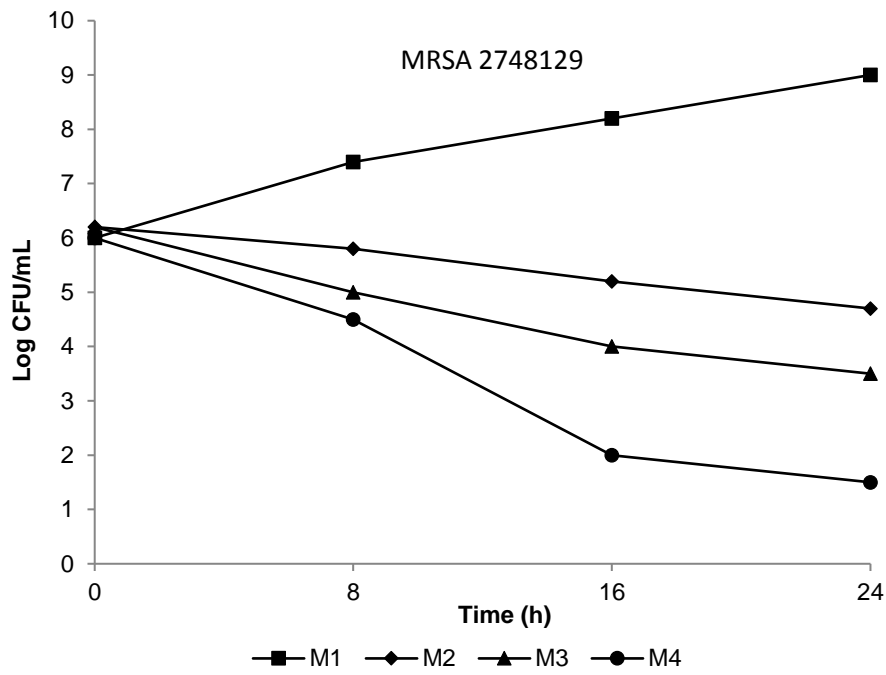


Fig 2. Time-kill curve of norfloxacin (NOR) alone or in combination with *Ocimum americanum* (OA) extract on viable count of MRSA 2748129: M1, control; M2, one-half MIC OA; M3, one-fourth MIC NOR; M4, one-half MIC OA + one-fourth MIC NOR.

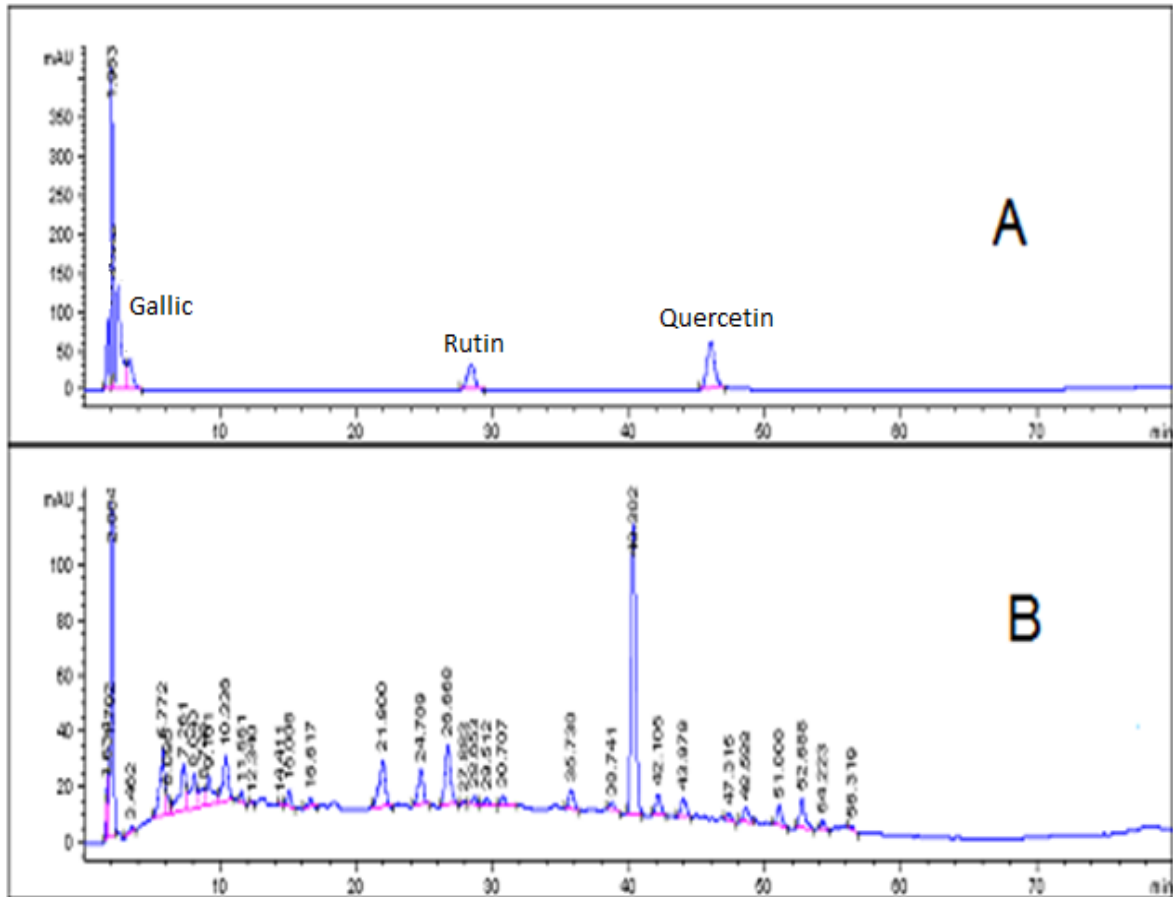


Fig 3. HPLC-DAD chromatograms of standard phenolic acids (A) commonly found in plants, the peaks correspond to gallic acid, rutin and quercetin: (B) show the chromatograms of methanol crude extracts (1 mg/mL) from *Ocimum americanum* leaves at 285 nm.

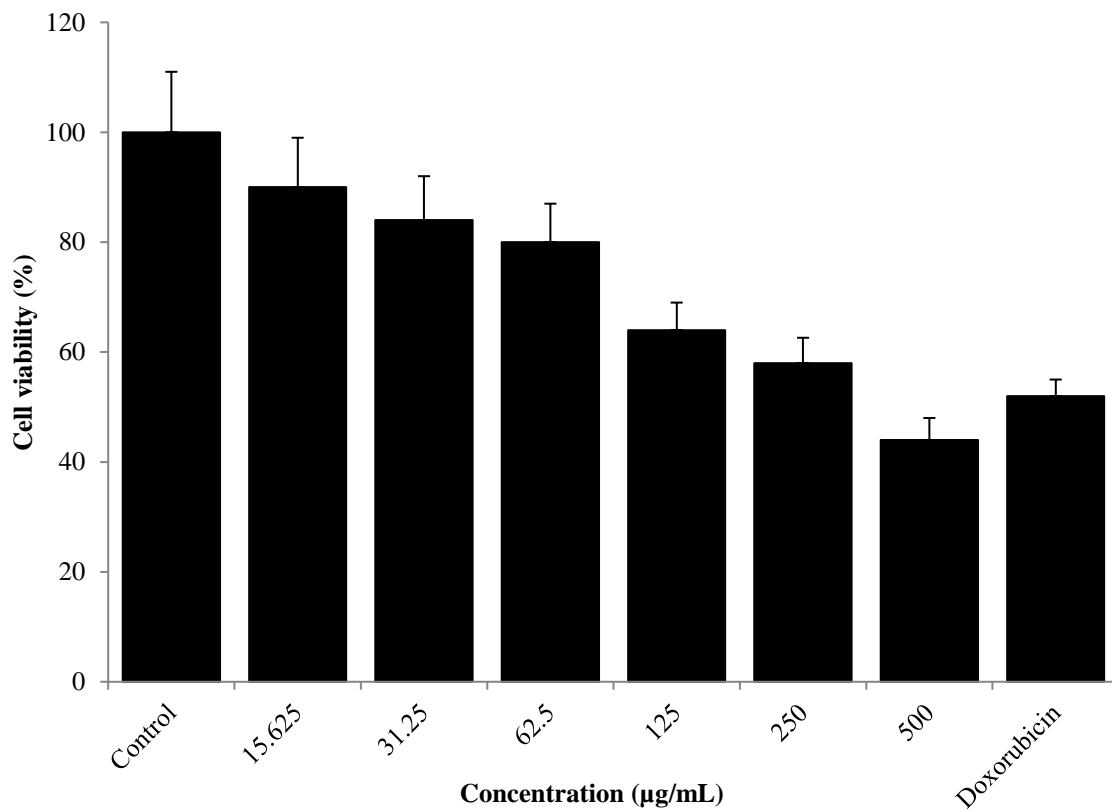


Figure 4. MTT cell viability assay of HepG2 cells treated with methanol extracts from *Ocimum americanum* leaves. Confluent cultures were treated for 48 h prior to the MTT assay. Data are expressed as % of control \pm SD (n=6). OA extract having an IC₅₀ value of 378 µg/mL. Doxorubicin (0.5 µg/mL: 52%) was used as positive control.

Table 1- Antioxidative properties of the methanol crude extract from OA leaves

Samples	LOI ($\mu\text{g/mL}$)	PGI ($\mu\text{g/mL}$)	FRAP ($\mu\text{molFe(II)/g}$)	DPPH ($\mu\text{g/mL}$)
<i>Ocimum americanum</i>	152	47.6	122.75	46.5
BHT	102	-	75.00	-
Catechin	-	-	859.32	-
Caffeic acid	215	-	-	3.22
Aminoguanidine	-	12.5	-	-

LOI stands for Lipid peroxidation inhibition; PGI: Protein glycation inhibition; FRAP: Ferric reducing antioxidant power and DPPH: 1,1-diphenyl-2-picryl-hydrazyl

Table 2- Antibacterial and norfloxacin-potential activity of a methanol extract from *Ocimum americanum* (OA) leaves and reserpine (20 µg/mL) against *Staphylococcus aureus* strains.

Treatments	Minimum Inhibitory Concentration (mg/L)					
	MRSA274829	SA1199B	NCTC 12981	NCTC 13373	EMRSA-15	ATCC 25923
OA	512	512	>512	>512	>512	256
Norfloxacin	64	32	2	2	0.5	1
OA+Norfloxacin	32(2) [§]	8(4) [§]	64(0) [§]	2(0) [§]	NT	NT
Reserpine + Norfloxacin	16(4) [§]	8(4) [§]	0.032(64) [§]	1(2) [§]	NT	NT

NT: not tested

[§]: potentiation value