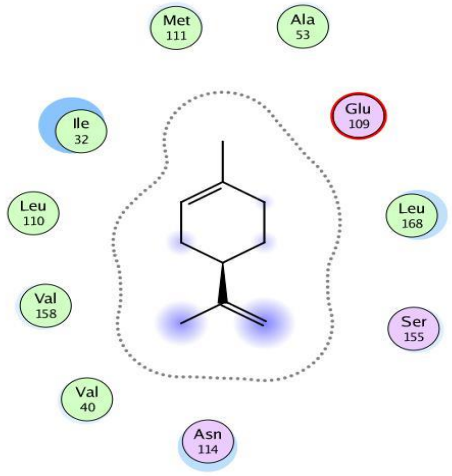
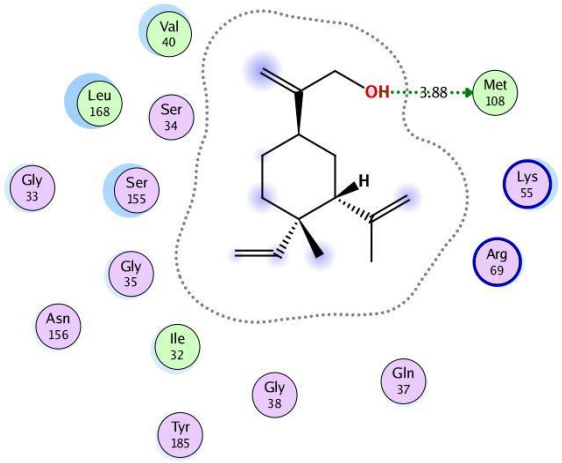
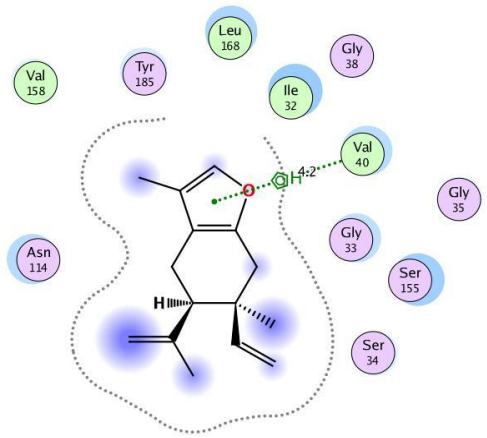
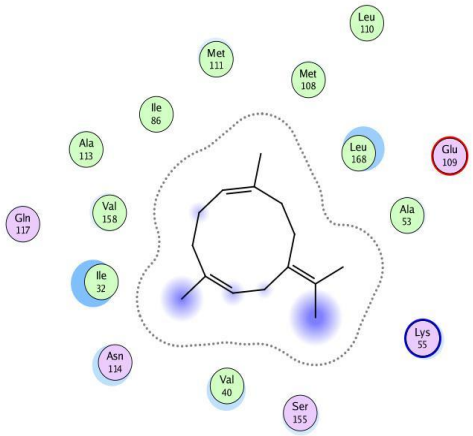
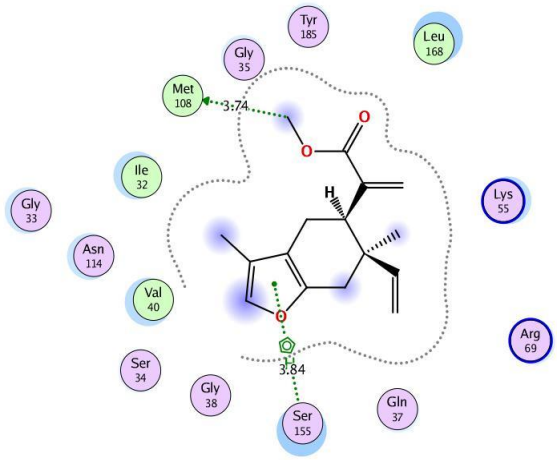
Supplementary data

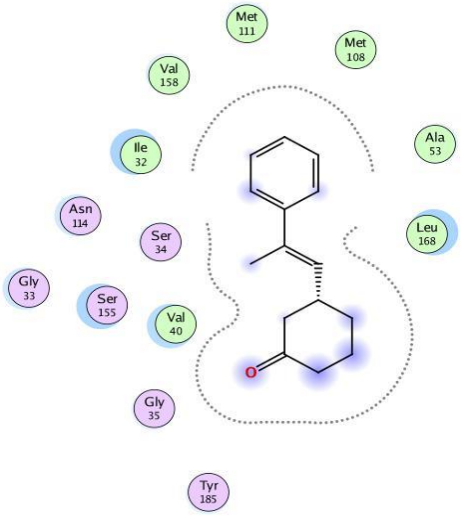
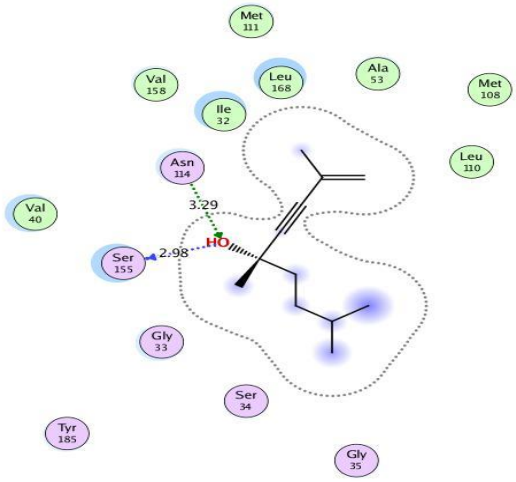
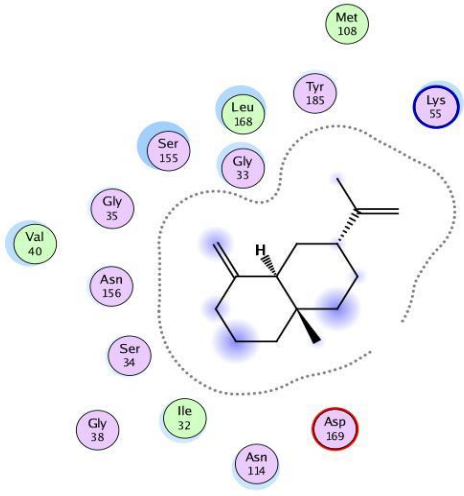
Protective Effects of Mirazid on Gentamicin-induced Nephrotoxicity in Rats through Antioxidant, Anti-inflammatory, JNK1/ iNOS, and Apoptotic Pathways; Novel Mechanistic Insights

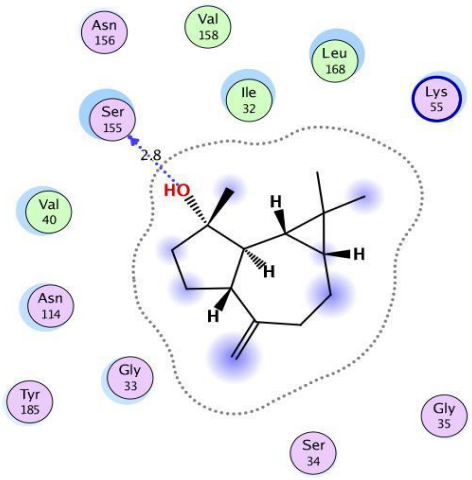
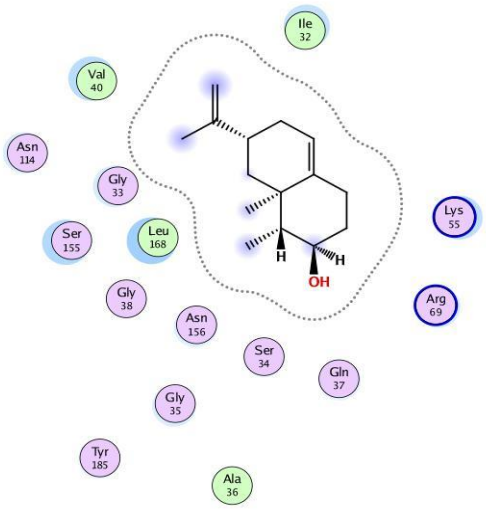
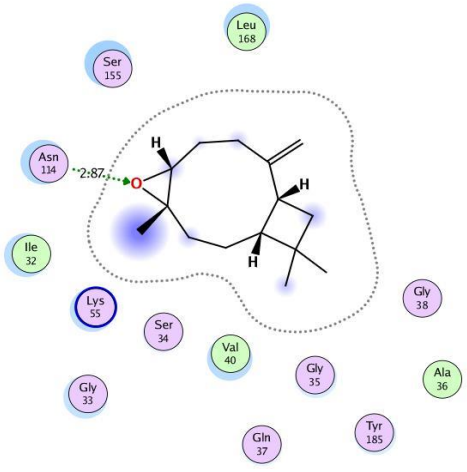
Samar A.Antar [1], Ahmed A. Al-Karmalawy [2,*], Ahmed A. E. Mourad [3], Magda Mourad [4], MennaallahElbadry[4], Sameh Saber [4], and Ahmed E.Khodir [1,*]

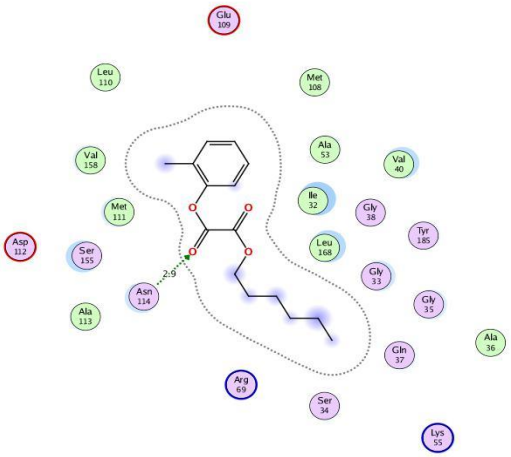
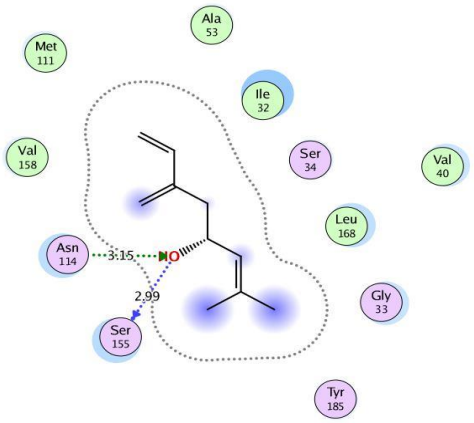
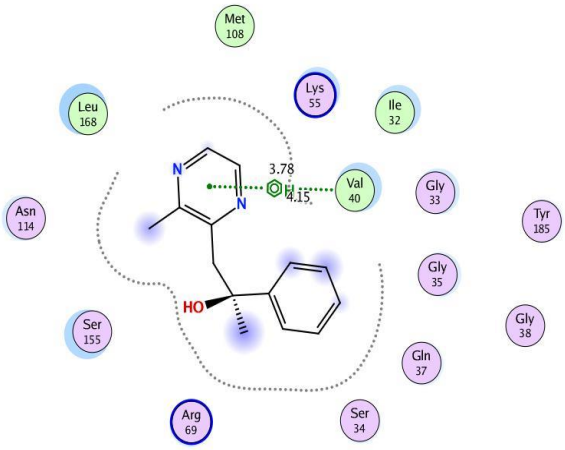
Figure SI 1: 2 D pictures of the binding interactions between the seventeen isolated and identified compounds from myrrh (**1-17**) inside the binding pocket of JNK-1 compared to the TCU (docked, **18**).

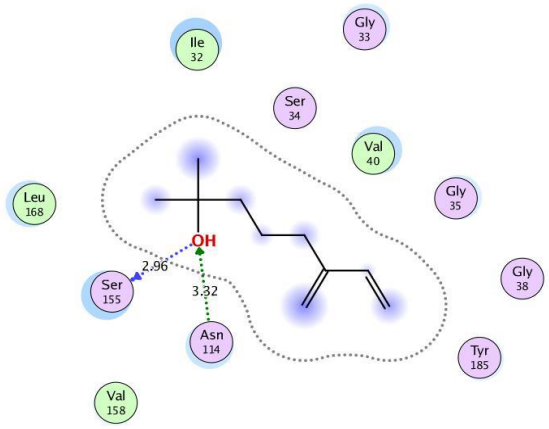
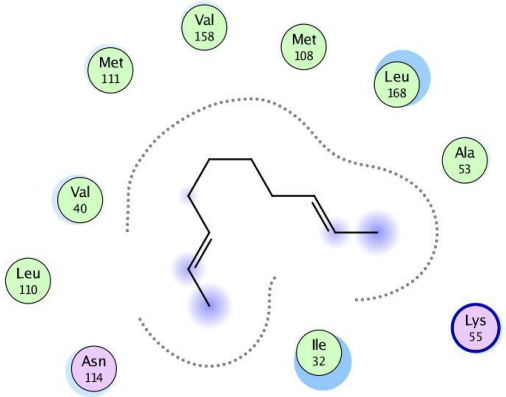
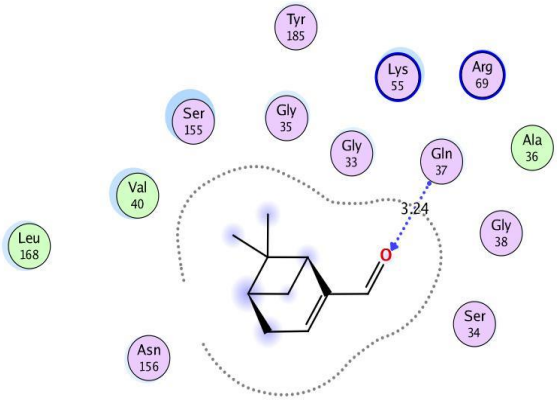
No.	Compound	2 D binding interactions
1	R(+)-Limonene	
2	**(-)-Elema-1,3,11(13)-trien-12-ol**	

3	Curzerene	
4	**Germacrene B**	
5	**Isosericenine**	

6	3-[(E)-2-phenyl-1-propenyl]cyclohexanone	
7	2,5,8-Trimethyl-1-nonen-3-YN-5-ol	
8	Beta selinene	

9	Spathulenol	
10	1-Deoxycapsidiol	
11	(-)-Caryophyllene oxide	

12	**Oxalic acid, hexyl 2-methylphenyl ester**	
13	(-)-(R)-Ipsdienol	
14	2-(2-Hydroxy-2-methyl-2-phenylethyl)-3-methyl	

15	Myrcenol	
16	2,8-Decadiene	
17	Bicyclo[3.1.1]hept-2-ene-2-carboxaldehyde, 6,6-dimethyl-,(1S)-	

18	**Docked co-crystallized inhibitor**