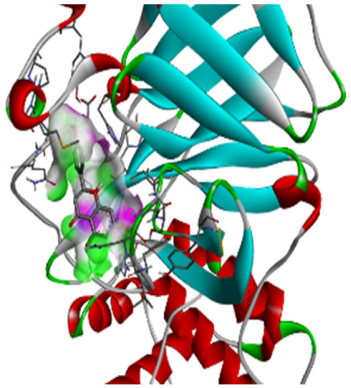
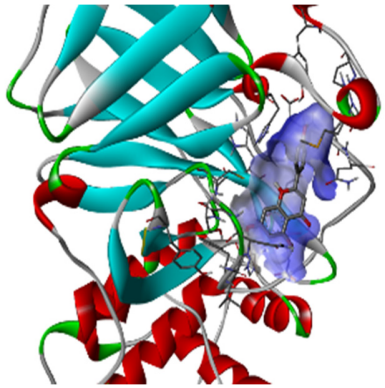
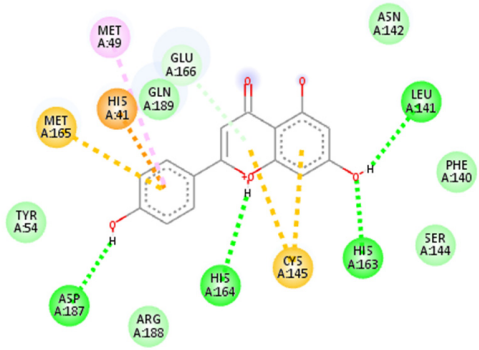
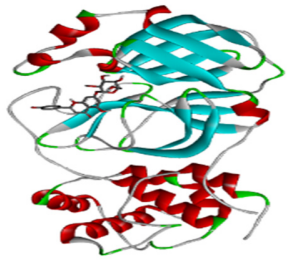
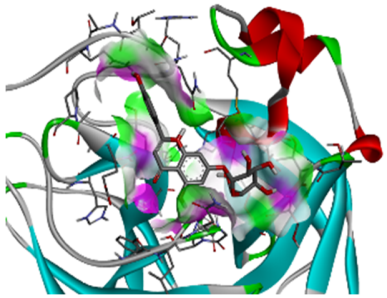
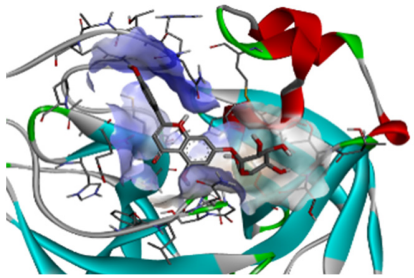
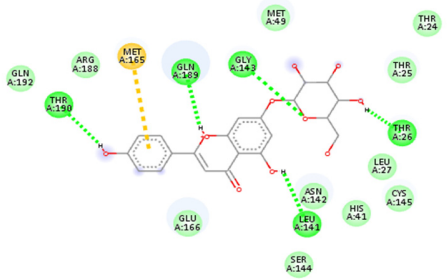
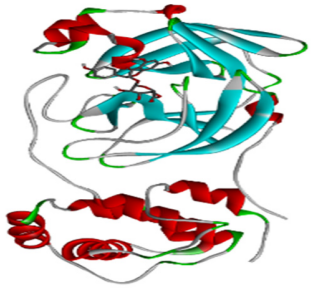
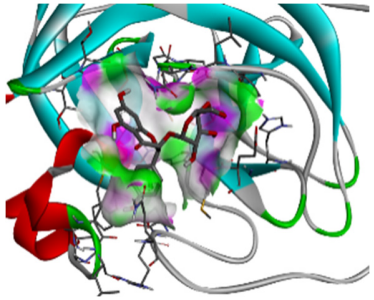
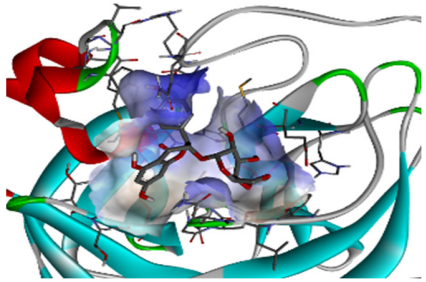
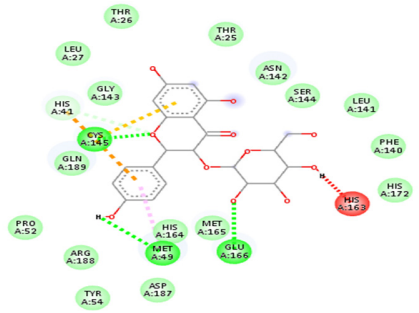
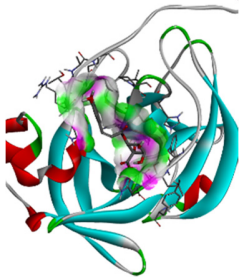
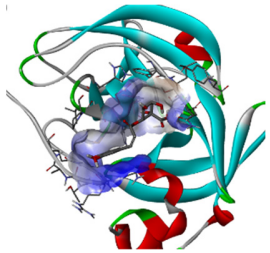
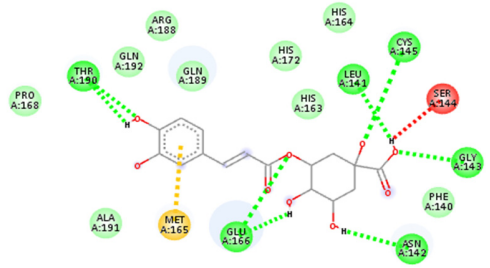
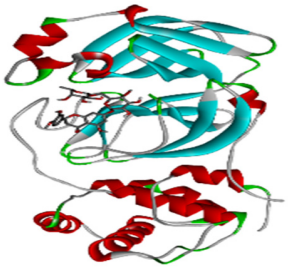
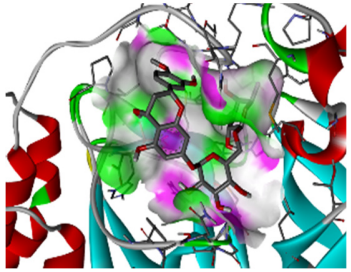
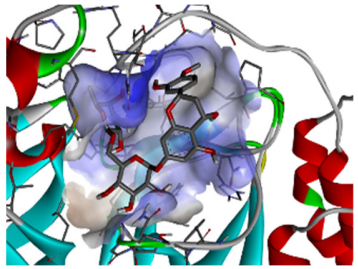
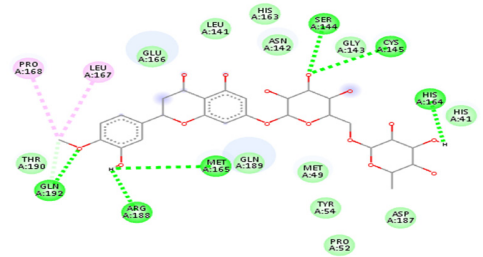
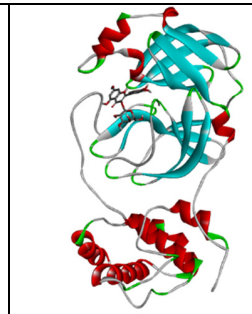
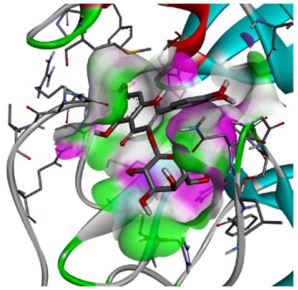
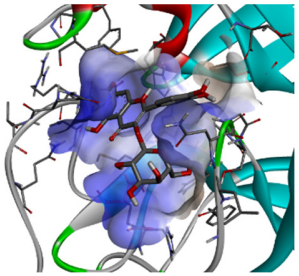
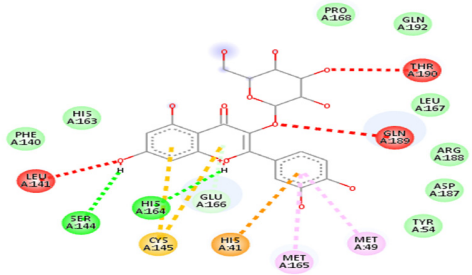
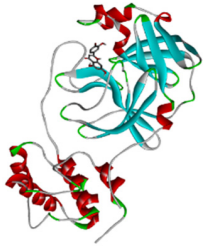
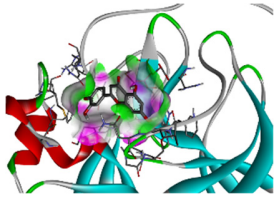
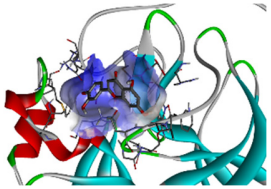
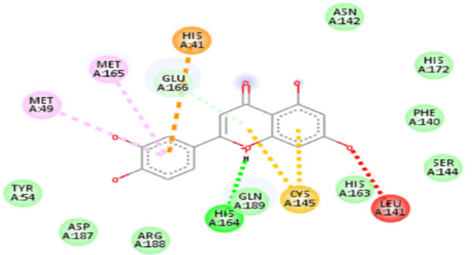
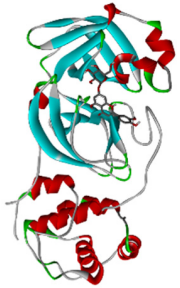
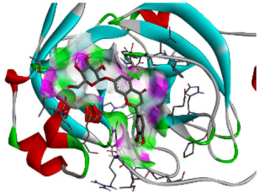
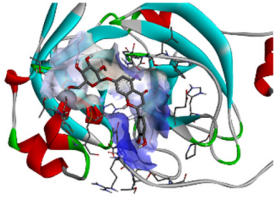
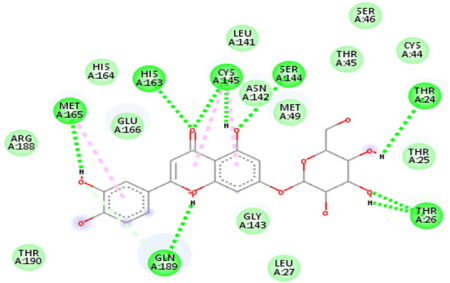
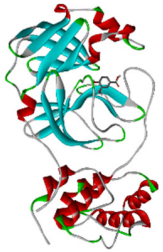
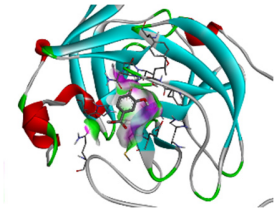
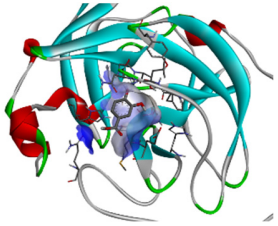
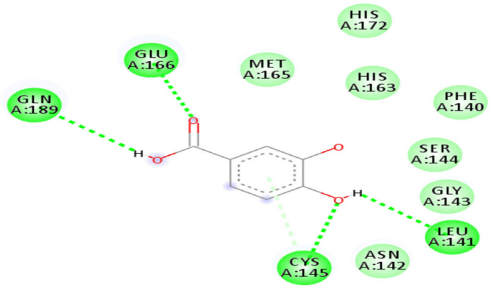
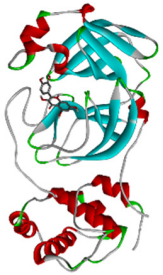
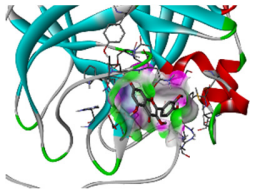
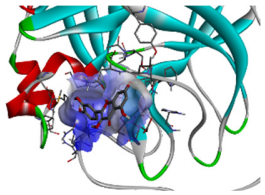
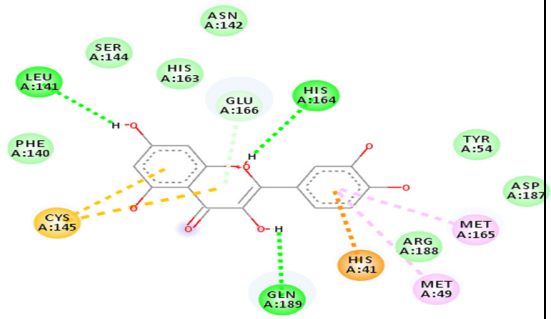
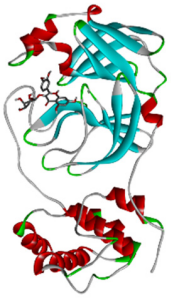
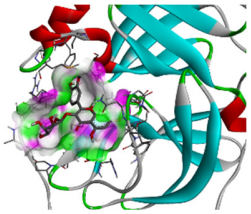
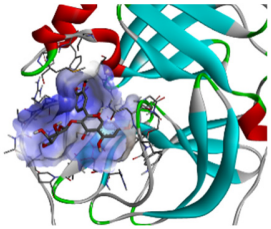
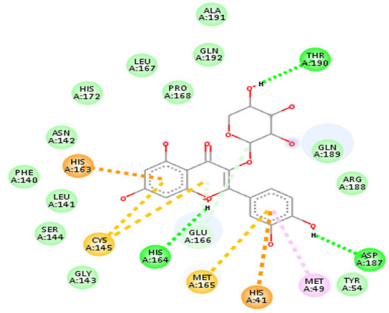
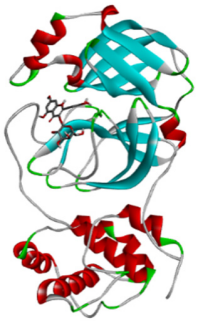
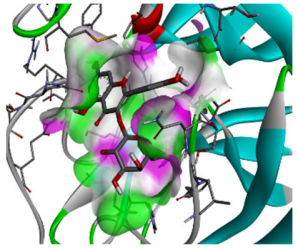
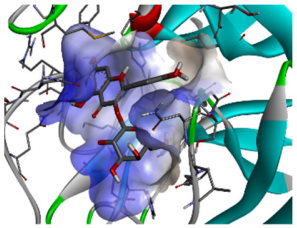
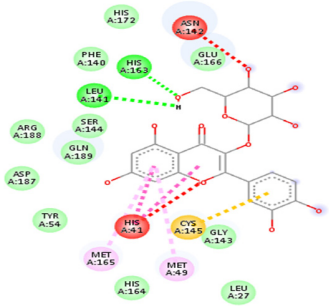
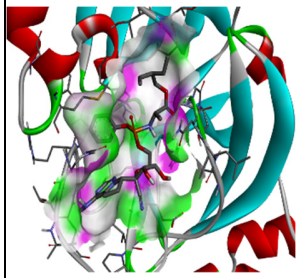
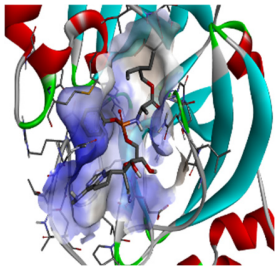
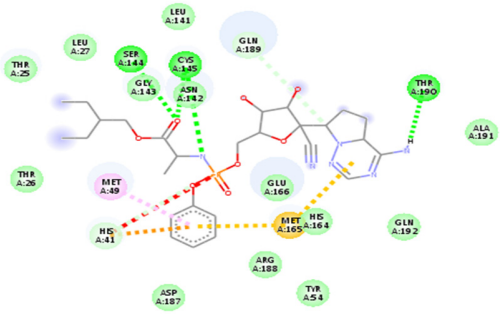
Table S1. Superposition and intermolecular interactions between the different ligand determined in Algerian fir and the main protease of Sars-cov 2 virus using PM7 Method (Covid19)

Compounds	Molecular Docking	H-Bond	Hydrophobic	Interactions
Apigenin				
Apigetrin				

Astragalin				
chlorogenic Acid				
Hesperidin				

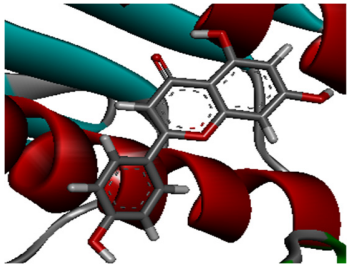
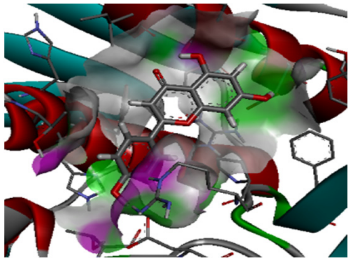
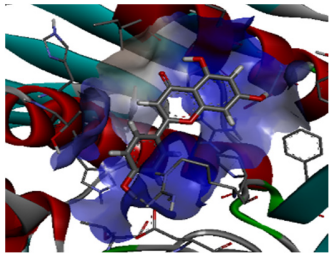
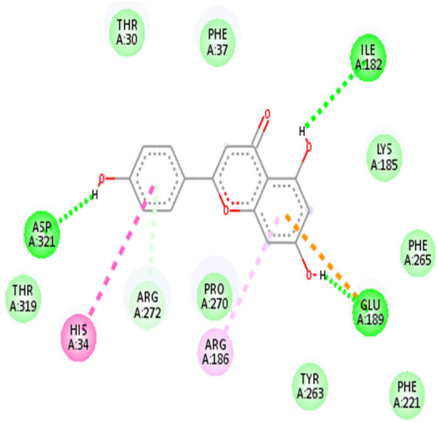
Hyperoside				
Luteolin				
Luteoline-7-glucoside				

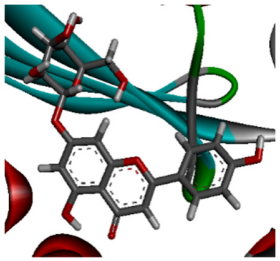
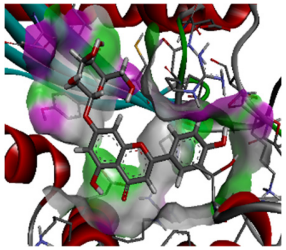
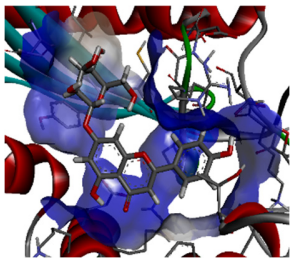
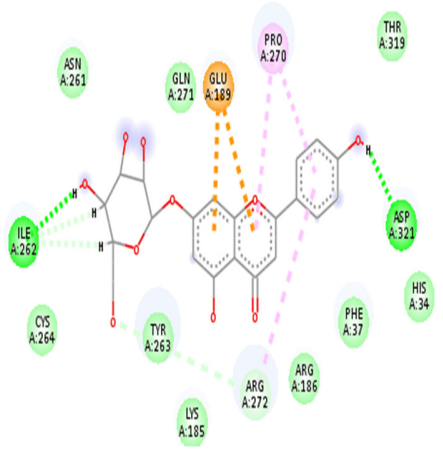
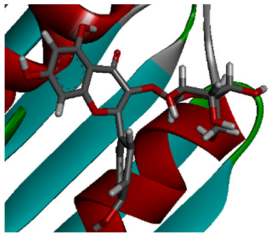
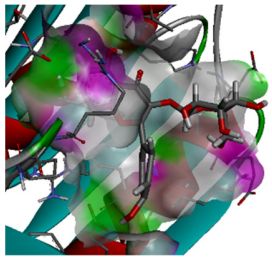
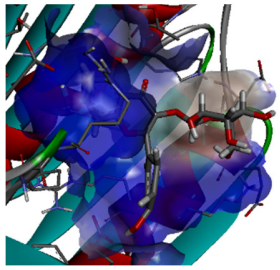
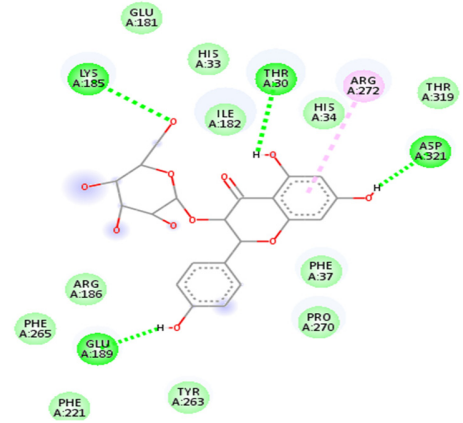
Protocatechuic Acid				
Quercetin				
Quercitrin				

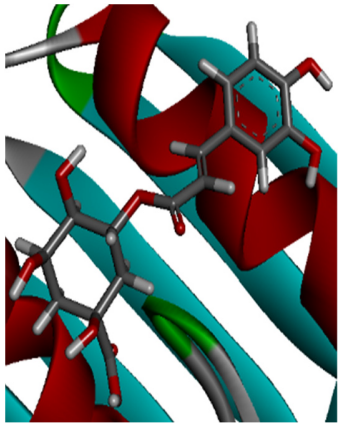
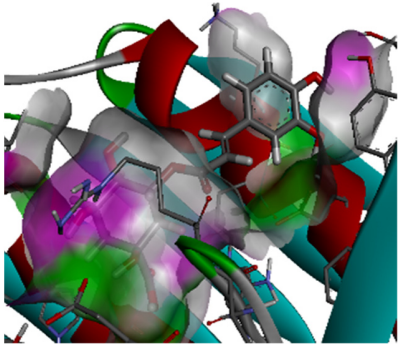
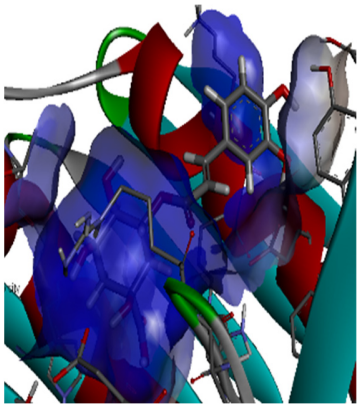
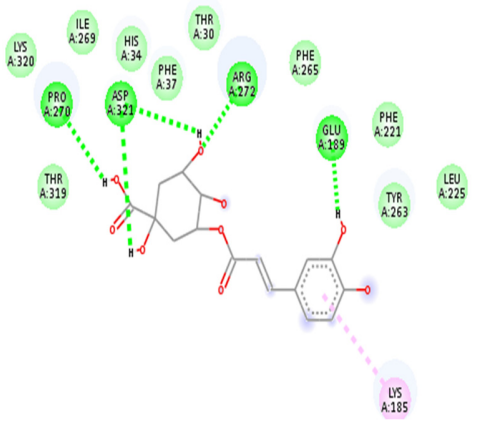
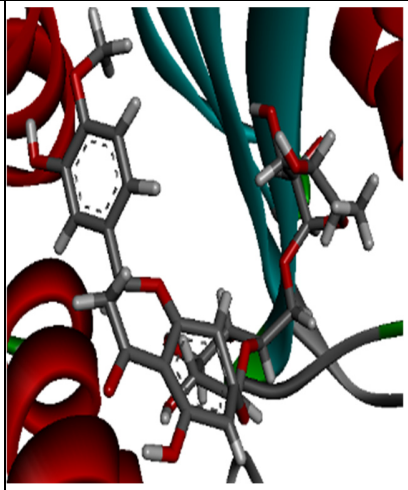
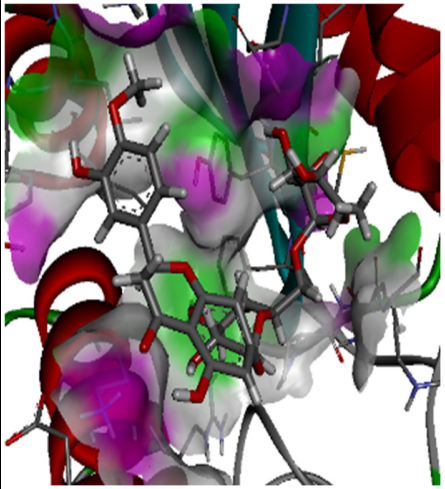
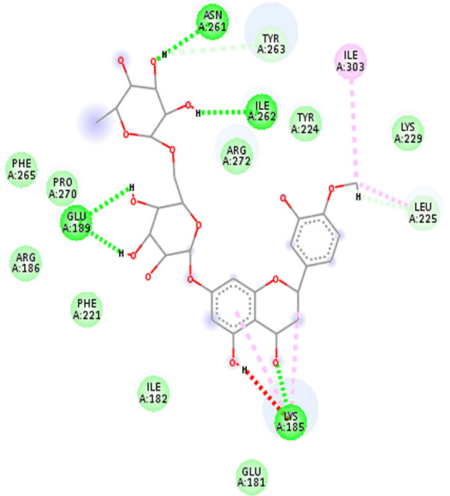
Rutin				
Redmisivir				

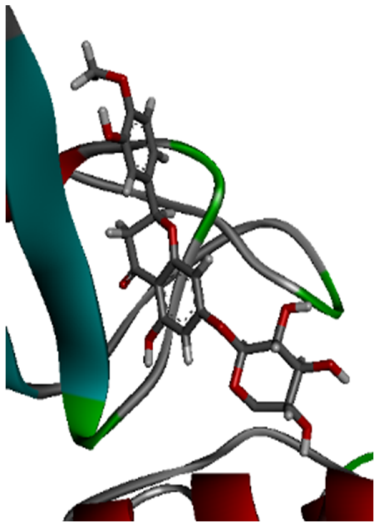
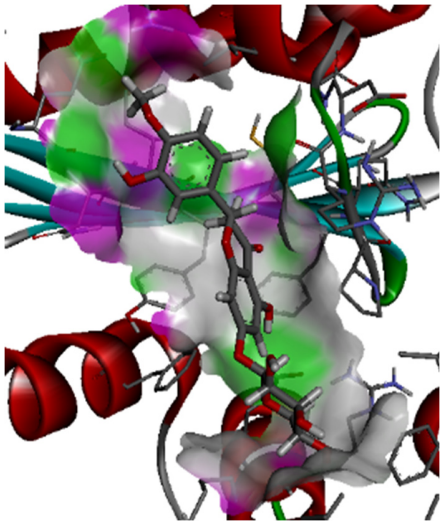
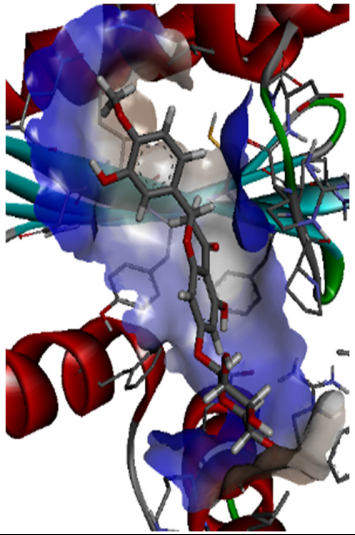
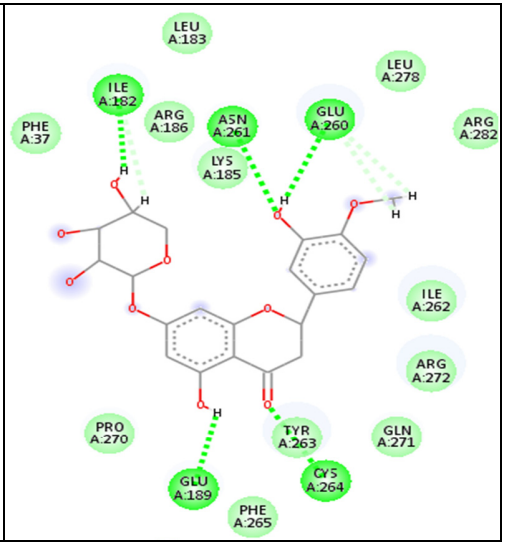
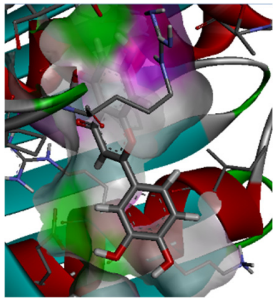
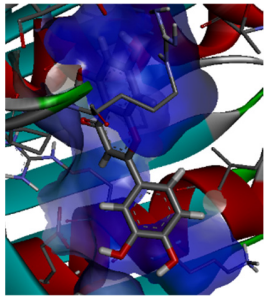
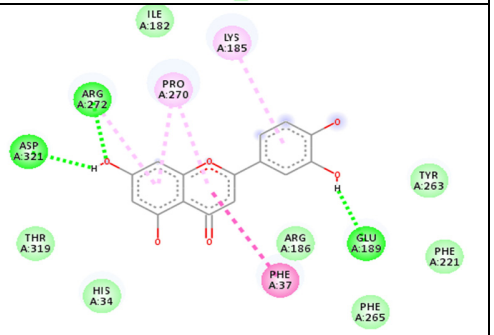
+: Van der Waals; +: Pi-Cation; +: Unfavorable Acceptor -Acceptor; +: Pi-Donor Hydrogen Bond; +: Pi-Sulfur; +: Pi-Sigma; +: Conventional Hydrogen Bond; +: Sulfur -X; +: Pi-Alkyl.

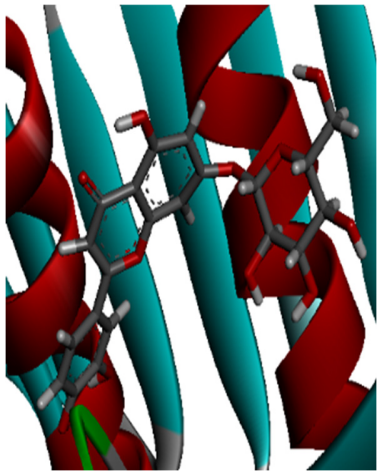
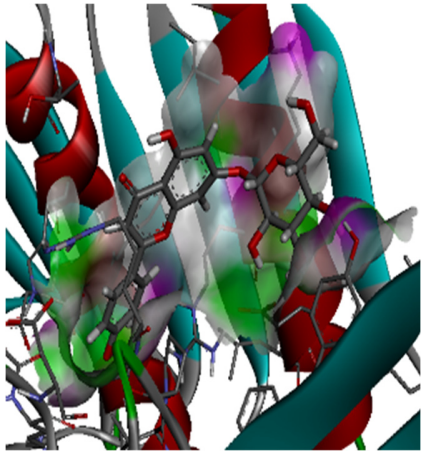
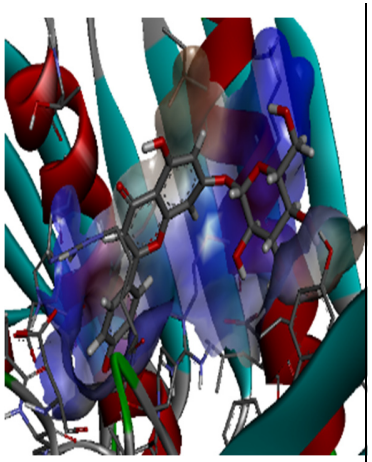
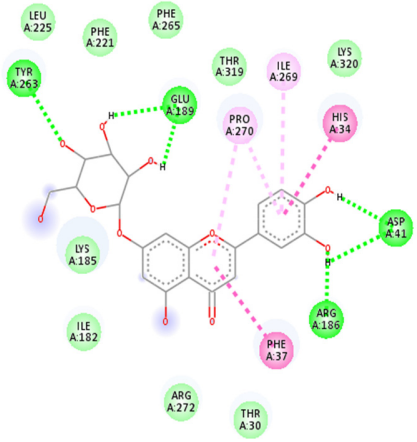
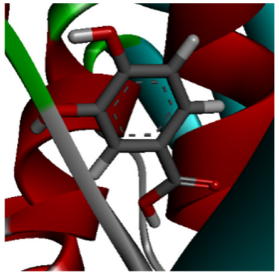
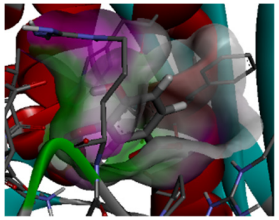
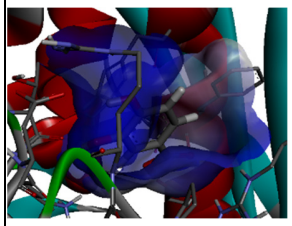
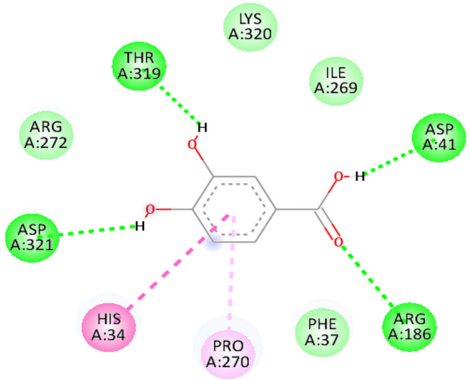
Table S2. Superposition and intermolecular interactions between the different ligand determined in Algerian fir and 4PRV presents in *E. coli* using PM7 Method

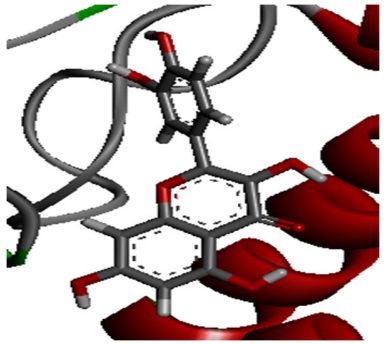
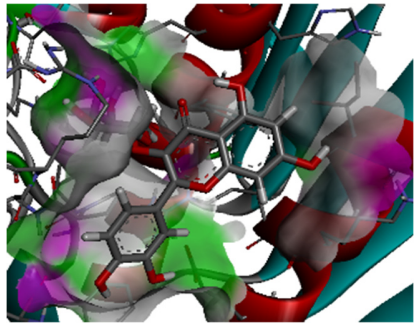
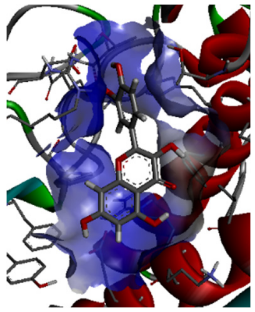
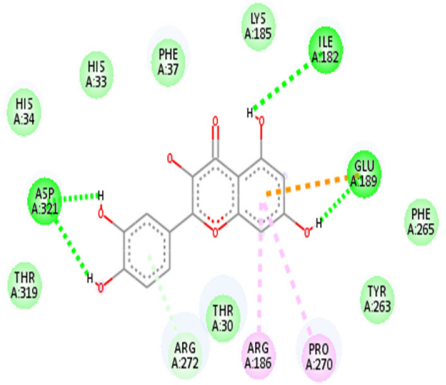
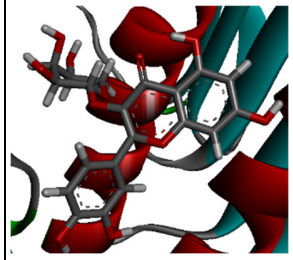
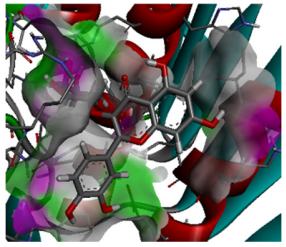
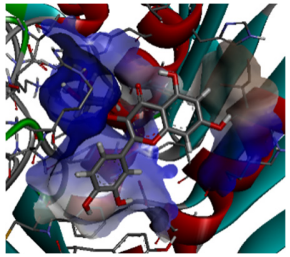
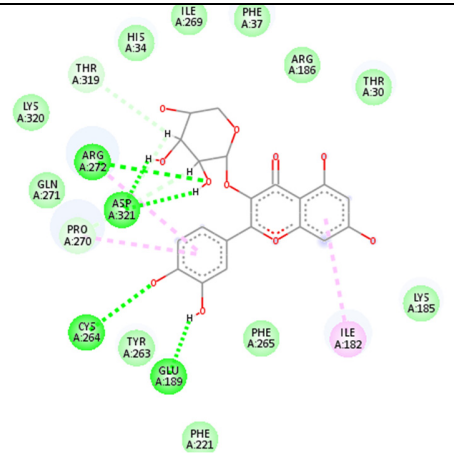
Molecule	Molecular Docking	H-Bond	Hydrophobic	Interactions
Apigenin				

Apigetrin				
Astragalin				

Chlorogenic Acid				
Hesperidin				

Hyperoside				
Luteolin				

Luteoline-7-glucoside				
Protocatechuic Acid				

Quercetin				
Quercitrin				

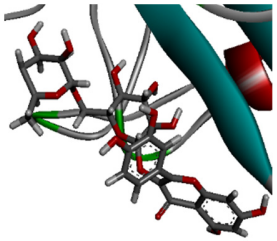
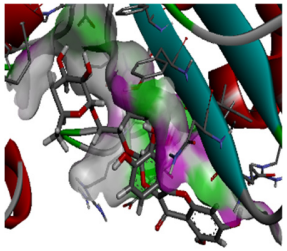
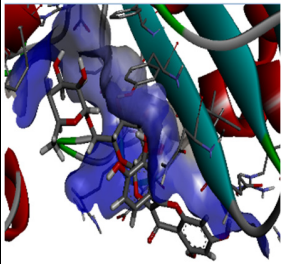
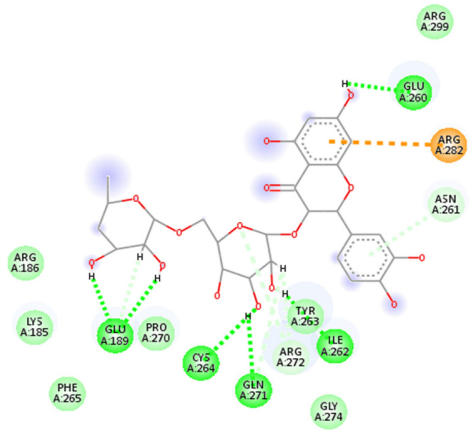
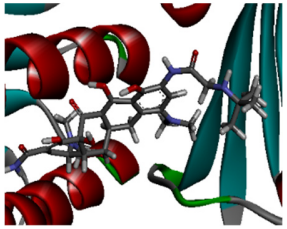
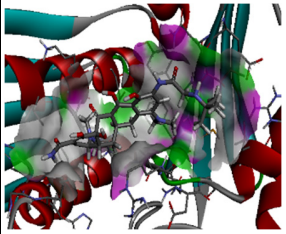
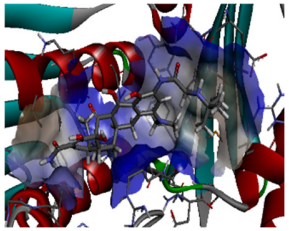
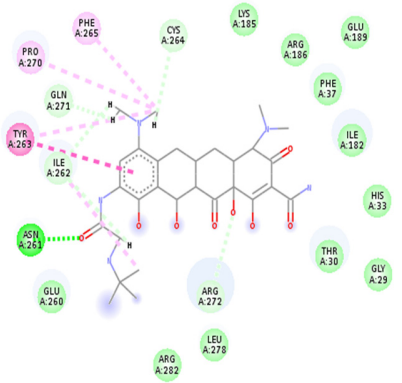
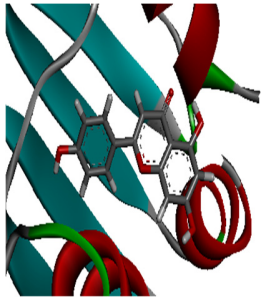
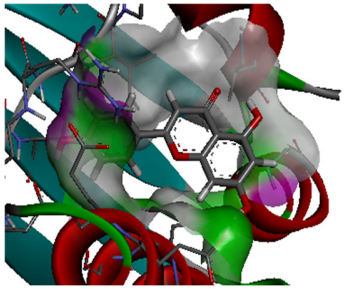
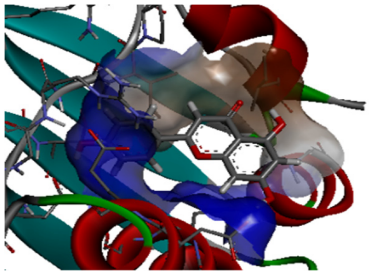
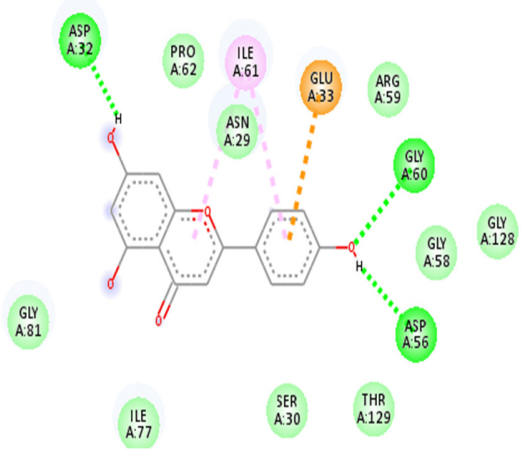
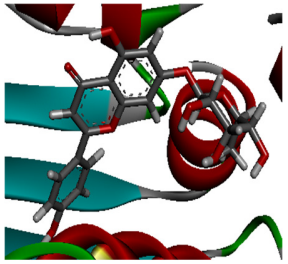
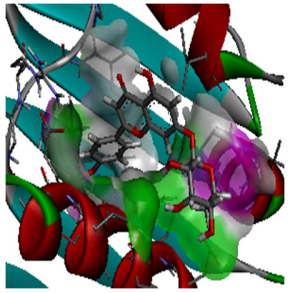
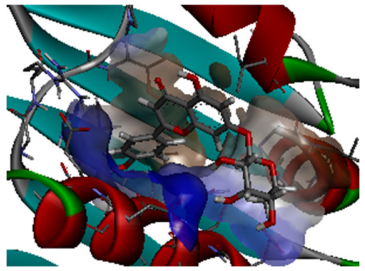
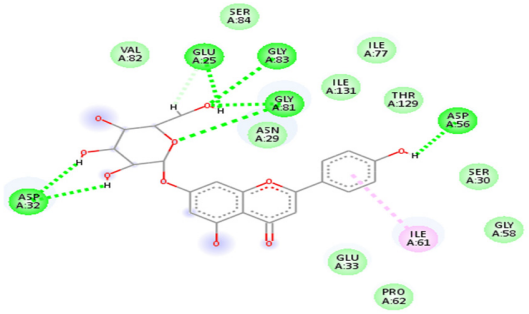
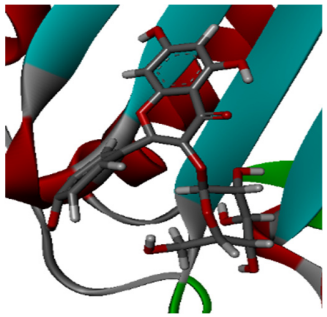
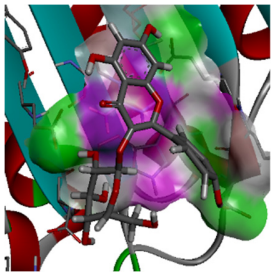
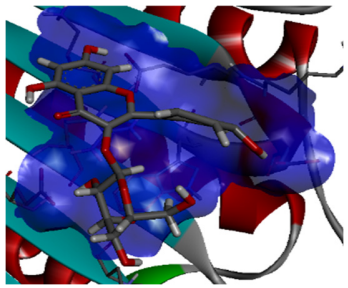
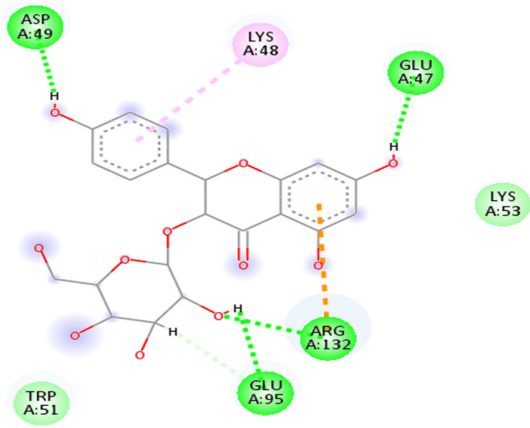
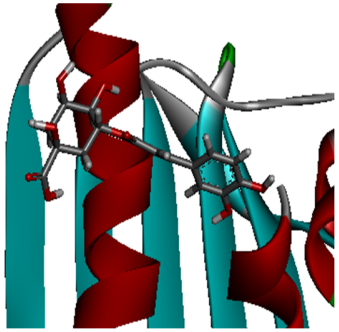
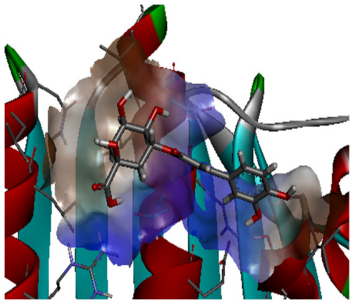
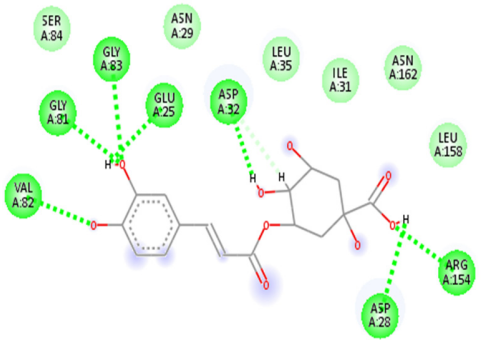
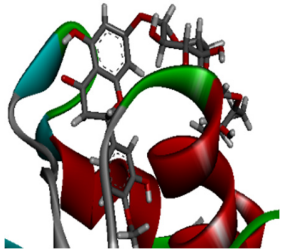
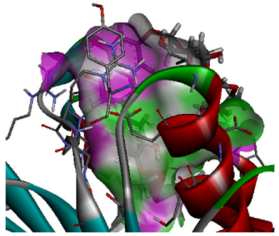
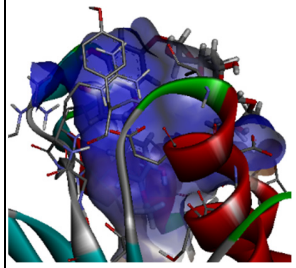
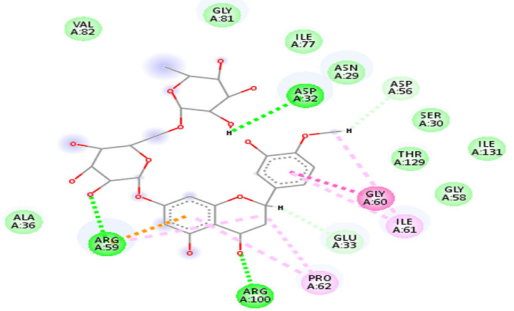
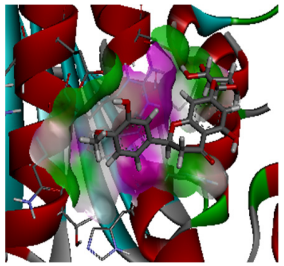
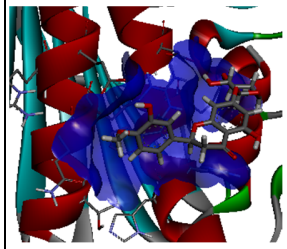
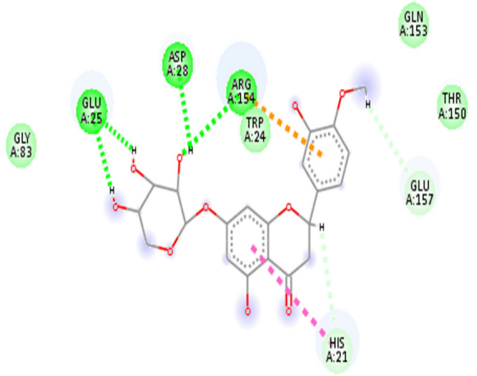
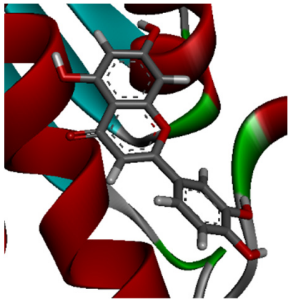
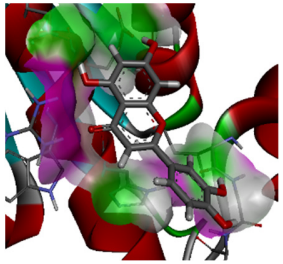
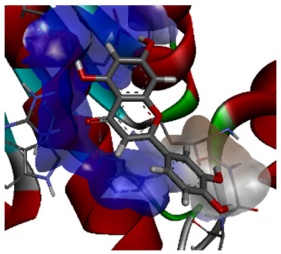
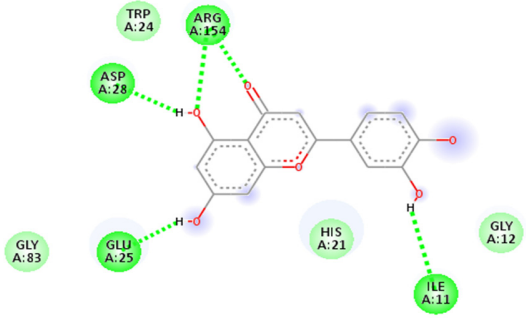
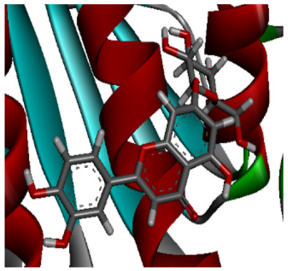
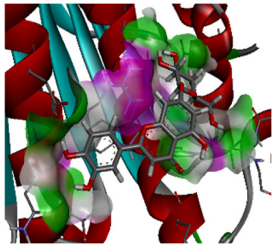
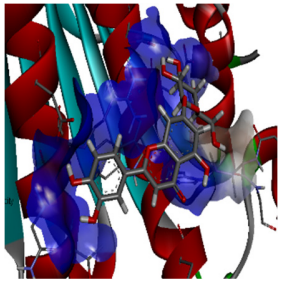
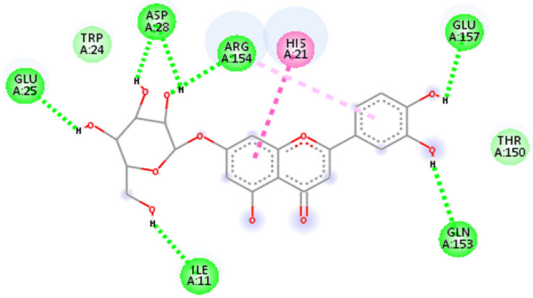
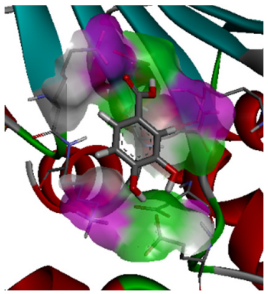
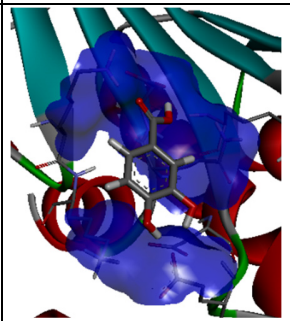
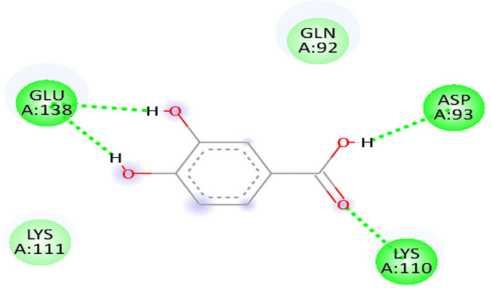
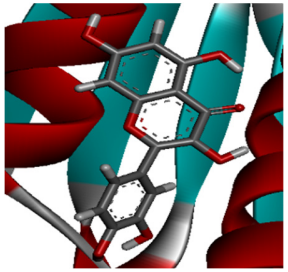
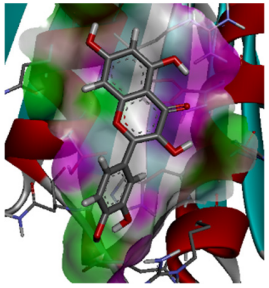
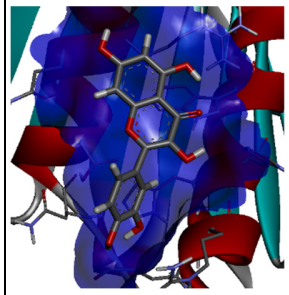
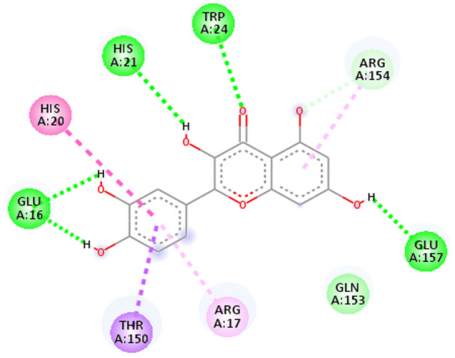
Rutin				
Tigecycline				

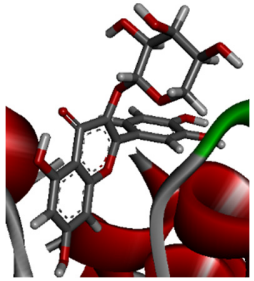
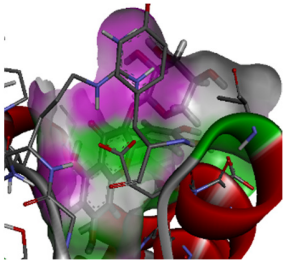
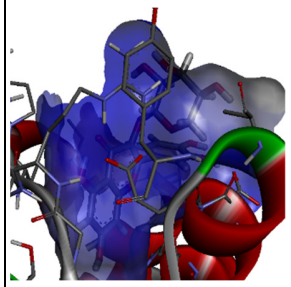
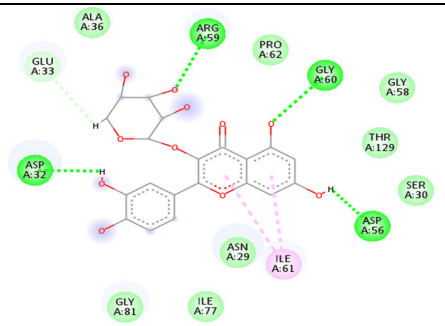
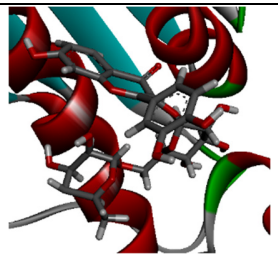
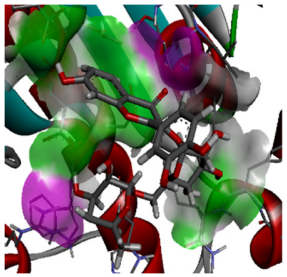
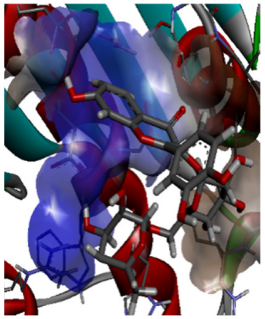
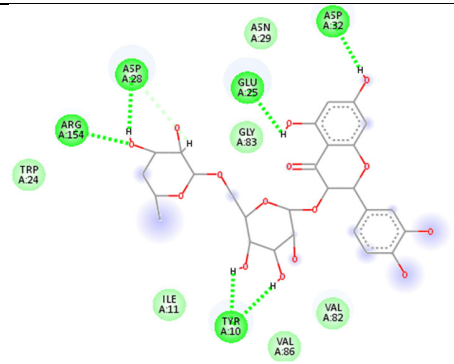
Table S3. Superposition and intermolecular interactions between the different ligand determined in Algerian fir and *S. aureus* 4URO protein receptor using PM7 Method

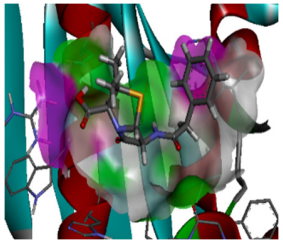
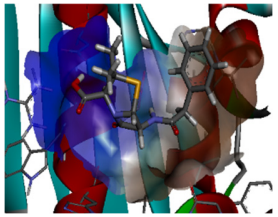
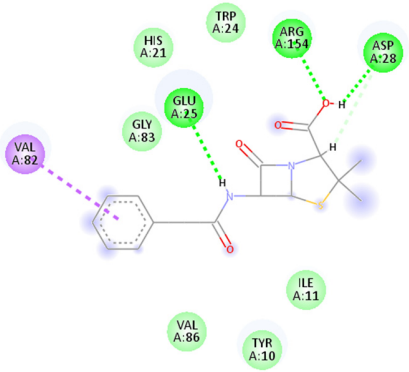
Molecule	Molecular Docking	H-Bond	Hydrophobic	Interactions
Apigenin				
Apigetrin				

Astragalin				
Chlorogenic Acid				

Hesperidin				
Hyperoside				
Luteolin				

Luteoline-7-glucoside				
Protocatechuic Acid				
Quercetin				

Quercitrin				
Rutin				

Penicillin				

+: Van der Waals; +: Pi-Cation; +: Unfavorable Acceptor -Acceptor; +: Pi-Donor Hydrogen Bond; +: Pi-Sulfur; +: Pi-Sigma; +: Conventional Hydrogen Bond; +: Sulfur -X; +: Pi-Alkyl.