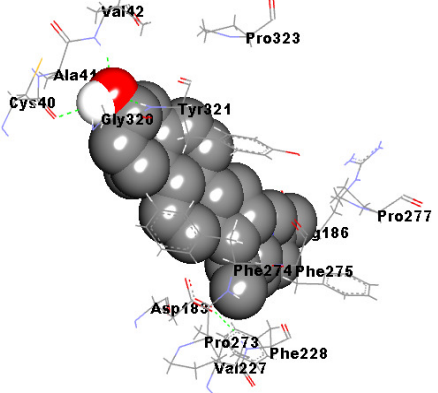
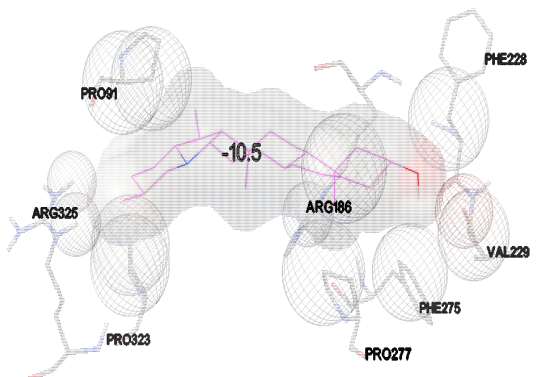
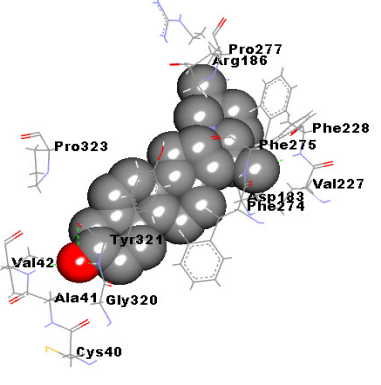
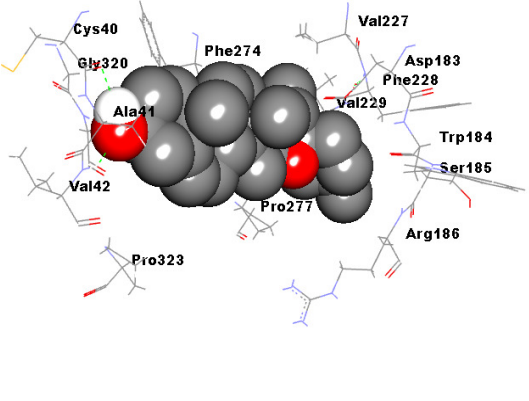
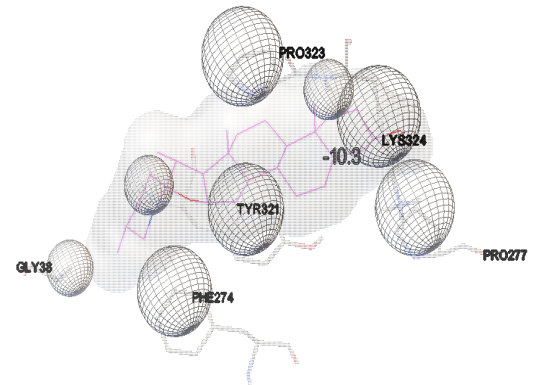
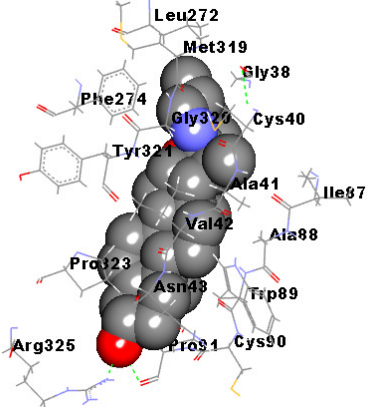
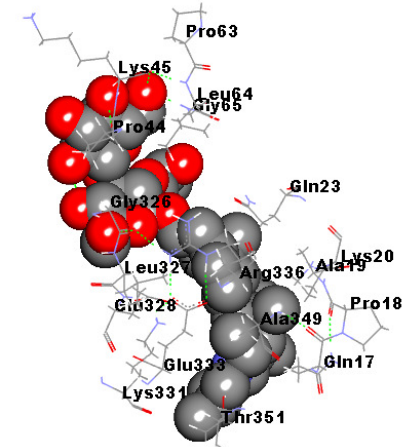
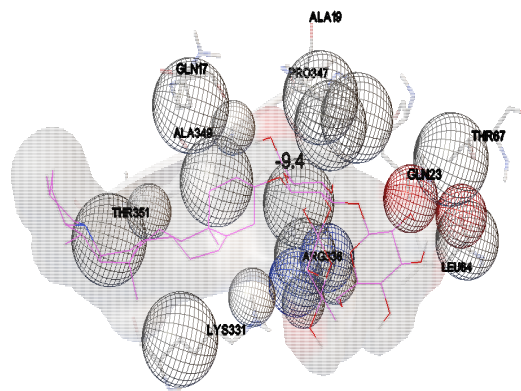
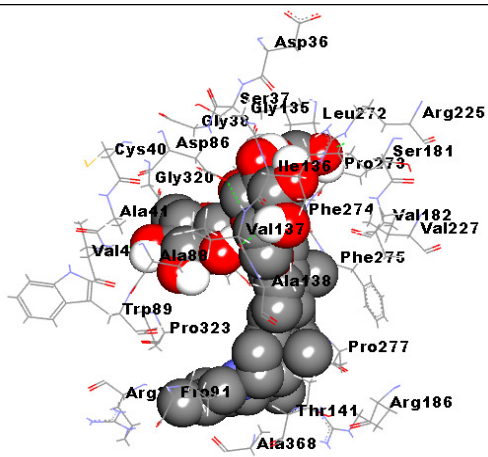
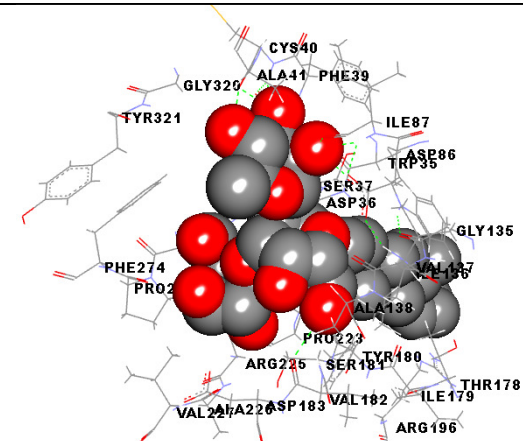
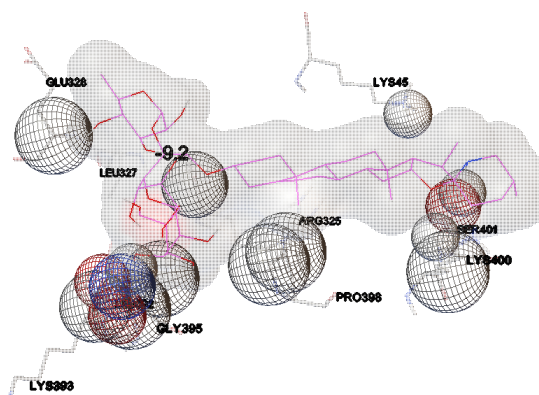
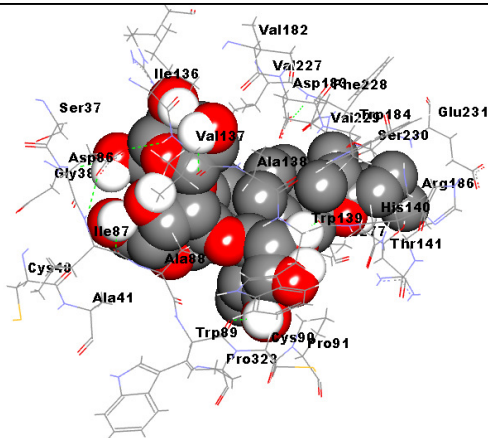


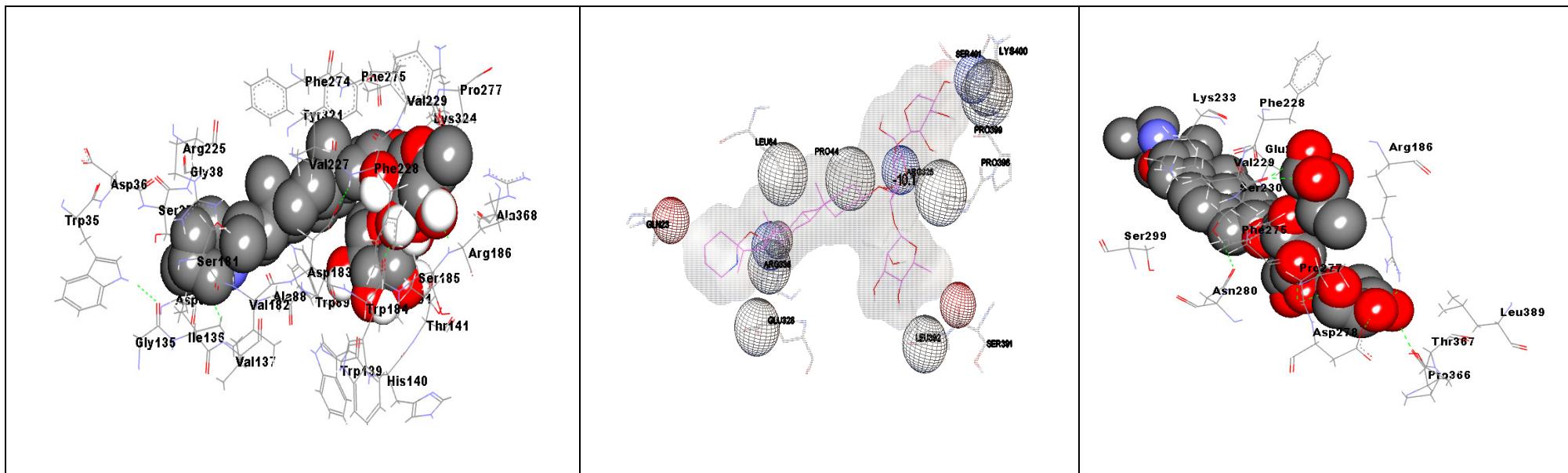
AutoDock v4.2.6	AutoDock vina	iGEMDOCK v2.1
<b>Solanidine</b>		
 <p>AutoDock v4.2.6 docking of Solanidine. The ligand is shown as a grey space-filling model with red oxygen and white nitrogen atoms. It is docked into the binding pocket of the protein, with several residues labeled: Val42, Pro323, Cys40, Ala41, Gly320, Tyr321, Pro277, Arg186, Phe274, Phe275, Asp183, Pro273, Phe228, and Val227.</p>	 <p>AutoDock vina docking of Solanidine. The ligand is shown as a grey space-filling model with red oxygen and white nitrogen atoms. It is docked into the binding pocket of the protein, with several residues labeled: PRO91, ARG325, PRO323, ARG186, VAL228, PHE228, PHE275, and PRO277. A binding energy of -10.5 is indicated.</p>	 <p>iGEMDOCK v2.1 docking of Solanidine. The ligand is shown as a grey space-filling model with red oxygen and white nitrogen atoms. It is docked into the binding pocket of the protein, with several residues labeled: Pro277, Arg186, Phe228, Phe276, Val227, Tyr321, Phe274, Asp183, Phe275, Val42, Ala41, Gly320, and Cys40.</p>
<b>Solasodine</b>		
 <p>AutoDock v4.2.6 docking of Solasodine. The ligand is shown as a grey space-filling model with red oxygen and white nitrogen atoms. It is docked into the binding pocket of the protein, with several residues labeled: Cys40, Gly320, Phe274, Val227, Val229, Asp183, Phe228, Trp184, Ser185, Val42, Pro277, Arg186, and Pro323.</p>	 <p>AutoDock vina docking of Solasodine. The ligand is shown as a grey space-filling model with red oxygen and white nitrogen atoms. It is docked into the binding pocket of the protein, with several residues labeled: PRO323, TYR321, PHE274, GLY38, LYS324, and PRO277. A binding energy of -10.3 is indicated.</p>	 <p>iGEMDOCK v2.1 docking of Solasodine. The ligand is shown as a grey space-filling model with red oxygen and white nitrogen atoms. It is docked into the binding pocket of the protein, with several residues labeled: Leu272, Met319, Gly38, Cys40, Phe274, Tyr321, Ala41, Ile87, Val42, Ala88, Pro323, Asn48, Trp89, Arg325, Pro31, and Cys90.</p>
<b>alpha-Solanine</b>		



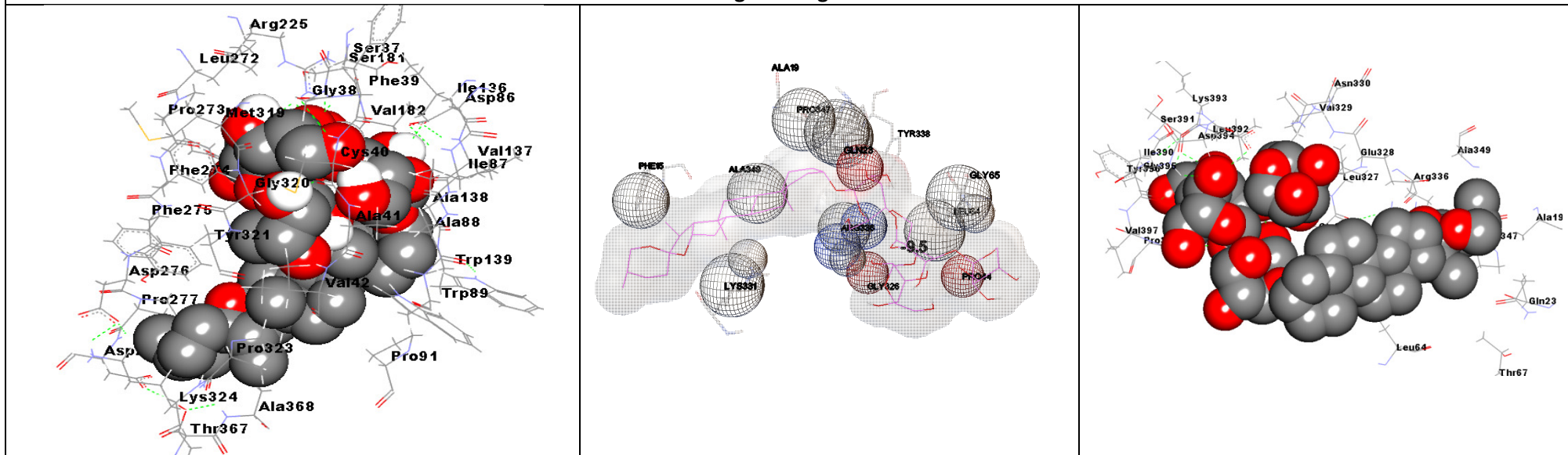
Solasonine



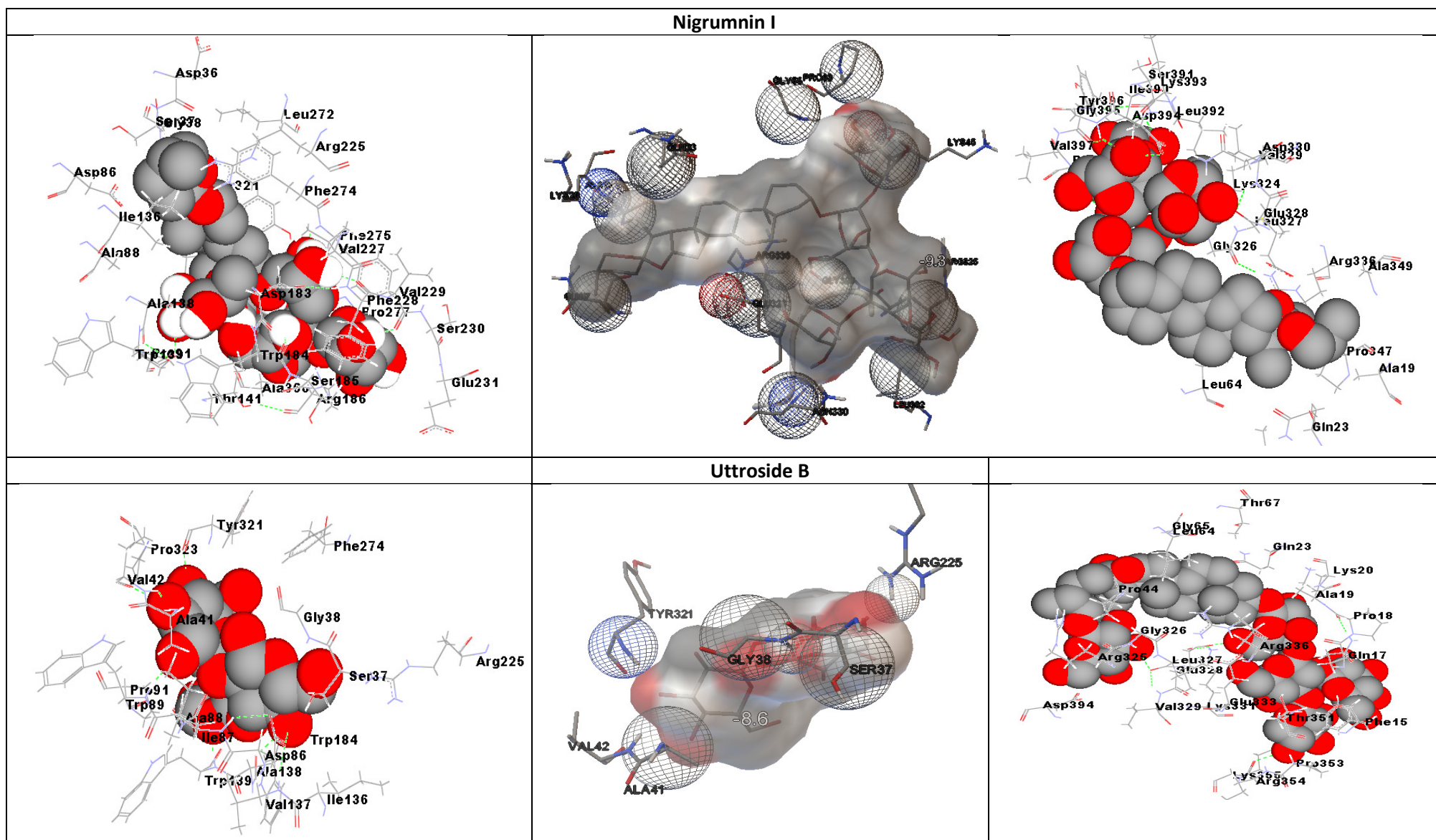
Solamargine



Degalactotiginin







Best docking poses for binding of *S. nigrum* phytoconstituents to Human Coronin-1A