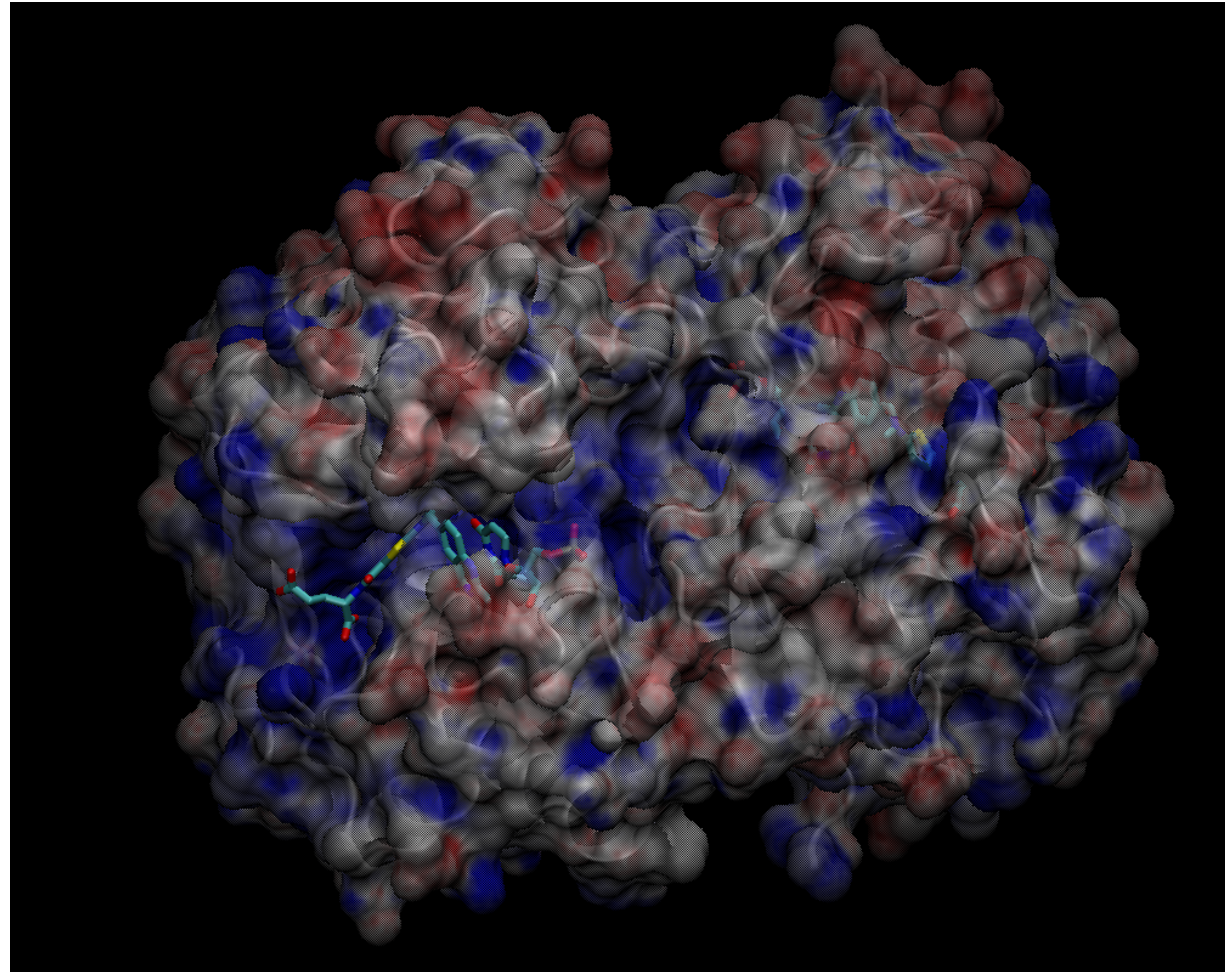- On the surface, positive is blue and negative is red.
- Notice that there is a positive charge in the entire binding site cleft

- Now let's try the isosurface representation. In this representation all points along the surface have the same electrostatic potential.
- Create two isosurfaces
  - a blue isosurface with isovalue 2
  - a red isosurface with isovalue -2
- Hide the solvent-accessible surface by double-clicking on "Surf"

Graphical Representations (left panel)

Selected Molecule
0: TS_human.pdb

Create Rep   Delete Rep

Style	Color	Selection
NewCartoon	ColorID 2	all
Surf	Volume 0	all
Isosurface	ColorID 0	<volume>
Isosurface	ColorID 1	<volume>

Selected Atoms
all

Draw style | Selections | Trajectory | Periodic

Coloring Method   Material
ColorID   0   Opaque

Drawing Method
Isosurface   Default

Range   -20   20   Vol vol0: 1579557
Isovalue   2
Step 1   Draw Solid Surface
Size 1   Show Isosurface

◇ Apply Changes Automatically   Apply

Graphical Representations (right panel)

Selected Molecule
0: TS_human.pdb

Create Rep   Delete Rep

Style	Color	Selection
NewCartoon	ColorID 2	all
Surf	Volume 0	all
Isosurface	ColorID 0	<volume>
Isosurface	ColorID 1	<volume>

Selected Atoms
all

Draw style | Selections | Trajectory | Periodic

Coloring Method   Material
ColorID   1   Opaque

Drawing Method
Isosurface   Default

Range   -20   20   Vol vol0: 1579557
Isovalue   -2
Step 1   Draw Solid Surface
Size 1   Show Isosurface

◇ Apply Changes Automatically   Apply