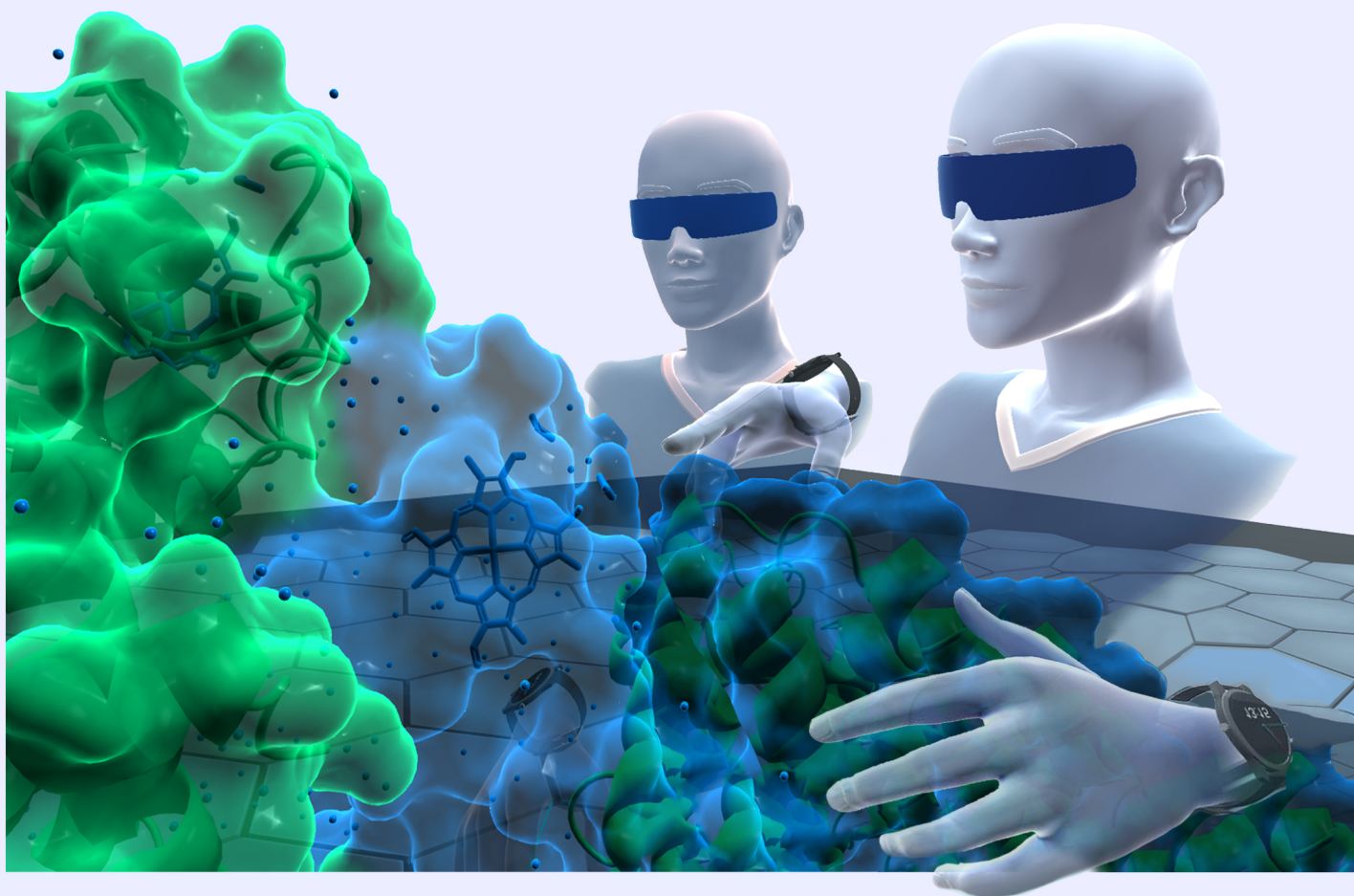




Next Generation Molecular Visualization and Design



Nanome

www.nanome.ai

About Nanome



Molecular visualization techniques have been used in drug discovery to facilitate understanding of ligand binding sites and structural components of macromolecules. They are often viewed in 2D mediums or aided with stereo glasses, lacking full immersion into highly visual environment and a real 3D effect. Moreover, sharing the detailed visualization and derived structural information between structural biologist, computational chemist and medicinal chemists still presents a challenge.

Nanome is an intuitive state of the art Virtual Reality platform for viewing, manipulating, and modifying chemical & macromolecular structures in a fully immersive and collaborative 3D environment.

Key Features

- Import molecular structures from RCSB Protein Databank, Pubchem and Drugbank
- Grab, rotate, or enlarge your molecule
- Easily change the visual representation of your molecules
- Measure distances and angles
- Mutate amino acids and cycle through rotamer conformations
- View electron density maps, docking results, or trajectories
- Minimization simulations
- Private & public multi-user support
- Capture and export images/structures
- Seamless global real time collaboration
- View your Pymol sessions in VR

Collaboration



Visualize



Design

