



AI + Quantum (AQ) Simulations for Drug Discovery

AQ simulations allow us to perform quantum simulations with classical advanced hardware before fault tolerant quantum computers arrive

How We Work

- ✓ We deliver end-to-end, custom computational solutions
- ✓ Accessible to standard hardware via machine-learned overlays
- ✓ Physical simulation and optimization
- ✓ With cutting-edge advanced computations via HPC/GPU and tensor networks (a computational method enabling classical computers to simulate weakly entangled quantum systems)

Example Problems We Could Tackle Together

- Protein-ligand binding prediction
- Crystal structure simulation
- AI- and quantum-enhanced virtual screening / lead optimization

Email us at info@sandboxaq.com to learn more.



Customer Journey Map

