

Introduction to Schrödinger and the IMMERSE Initiative

Kat Bay, PhD Schrodinger Education Team

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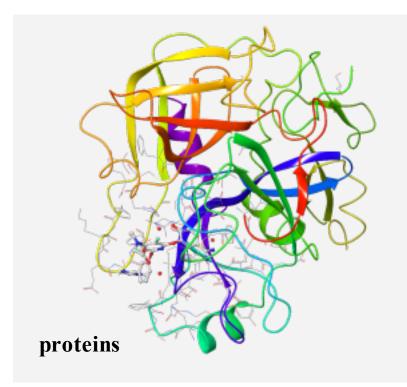
Introducing Schrödinger



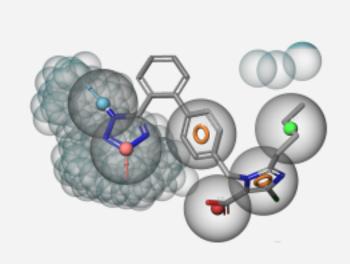




Small Molecule Drug Discovery & Design



🚺 Schrödinger



ligands (small molecules)

We use Schrödinger's technology platform to design molecules



Results of molecular design – Therapeutics





Results of molecular design – Materials





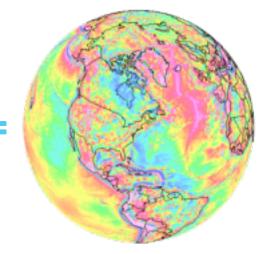
What is modeling and how does it help us?



Models are essential tools for thinking

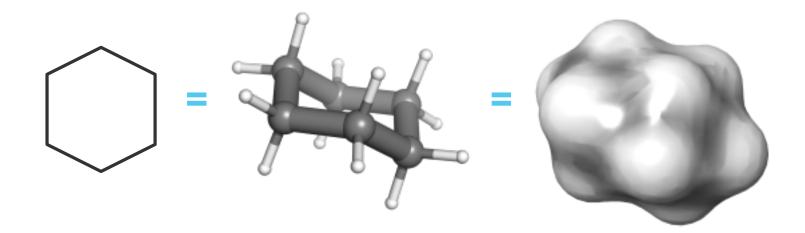






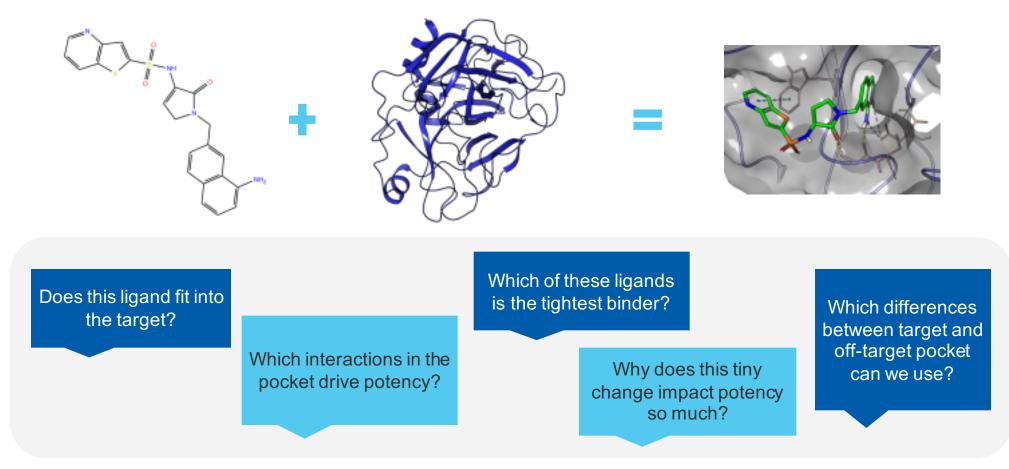
N Schrödinger

Models are essential tools for thinking about molecules



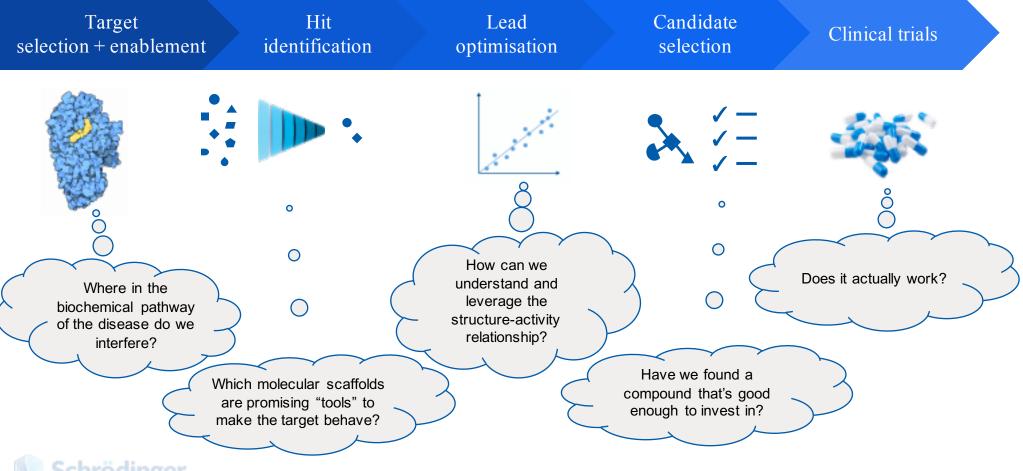


Common questions in drug design



🚺 Schrödinger

Different goals, methods, and challenges over time



Schrödinger

An increasing industry shift towards integrated digital chemistry



Schrödinger Announces Collaboration with AstraZeneca to Deploy Advanced Computing Technology for Drug Discovery



Takeda and Schrodinger Announce Multi-Year, Multi-Target Research Collaboration



Schrödinger and Bayer Collaborate to Co-Develop de novo Design Technology to Accelerate Drug Discovery



Strategic Collaboration with Thermo Fisher Scientific to Expand Structure-Based Drug Discovery to Novel Targets Using Cryo-EM

🕂 Bristol Myers Squibb

Schrodinger Announces a Multi-Target Drug Discovery, Development and Commercialization Collaboration with Bristol Myers Squibb



Schrödinger Expands Discovery Efforts for COVID-19 Alliance with Advanced Molecular Simulation Leveraging High-Powered Parallel Computing on Google Cloud

🚺 Schrödinger