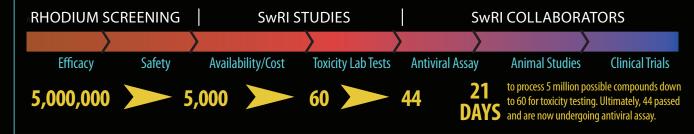


increased the capacity of its Rhodium software to scan 250,000 drug compounds per day, up from its prior limit of 25,000. Researchers enhanced the capability with new graphical processing, software updates and machine learning techniques. A 3D model of the coronavirus was used to evaluate potential drugs from a vast library of compounds.

Using the 3D structure of the viral protein, Rhodium screens drug compounds in a few days, hoping to identify in the early stages of drug development.

Rhodium uses drug compound libraries to predict how protein structures in infectious diseases will bind with compounds or a series of compounds known as ligands. Rhodium's high throughput 3D analysis of protein docking efficiently selects ligands to predict how a compound interacts with a virus' protein structure. Its machine learning tools interpret data analysis for faster results.



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