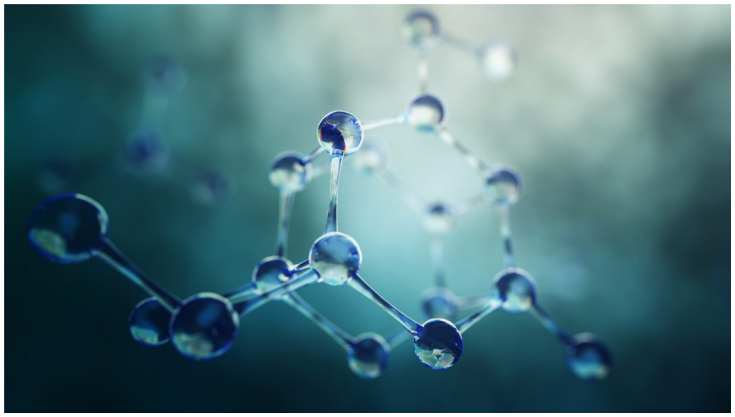
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Excelra releases COVID-19 drug repurposing database

13 April 2020 | News

To Support Global Drug Development Efforts Against Novel Coronavirus



Hyderabad based Excelra, a leading global data and analytics company today announced the release of the COVID-19 Drug Repurposing Database (https://www.excelra.com/covid-19-drug-repurposing-database/).

The ‘open-access’ database presents a compilation of ‘previously approved’ small molecules and biologics with known preclinical, pharmacokinetic, pharmacodynamic, and toxicity profiles that can rapidly enter either Phase 2 or 3 clinical trials on fast track basis for COVID-19.

In addition, the database also includes information on promising drug candidates that are in various ‘clinical, pre-clinical and experimental’ stages of drug discovery and development for COVID-19.

Alluding to this wealth of information, Dr. Nandu Gattu, Senior Vice President, Pharma Analytics, Excelra said, “The COVID-19 DR database is a compilation of crucial data that is dispersed across numerous publications, reports, databases and knowledge-repositories along with referenced literature covering the drug, disease, target, and mechanism of action. Our endeavour is in support to the ongoing global scientific efforts for identifying safe and effective therapeutic options to treat the novel coronavirus disease.”

Drug Repurposing at Excelra is powered by their Global Repurposing Integrated Platform (GRIP) that combines proprietary repurposing databases, algorithms, analytics tools and a visualization engine. The GRIP database is built by amassing vast chemical data, biological data and clinical data which together contribute to more than 10 million associations among ‘drug-disease-target’ triads.