

Interprotein

Drug repurposing for SARS-CoV-2

- Identification of potential 3CLpro inhibitors from approved and investigational compounds -

| Name of library | Property of library | Number of compounds |
|---------------------------|--|---------------------|
| FDA-approved drug library | Compound library containing marketed drugs approved by FDA, EMA, etc. | 2086 |
| Clinical compound library | Compound library containing bioactive molecules that have been only used in clinical trials but not as drugs | 1321 |

All compound information was kindly provided from MedChemExpress



AI-guided INTENDD®

Proposal of potent 3CLpro inhibitor candidates

(Several potential 3CLpro inhibitors without known information have been already identified)



Purchase and wet assessment of the candidates (by Academia or Pharma)



Proposal of clinical study to regulatory agent of each country