



INNOVATIONS IN COVID-19

Bridging opportunities
at Oswaldo Cruz Institute

DEVELOPMENT OF A PLATFORM FOR DRUG SELECTION (COD. 2020.012)

COORDINATOR

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RESEARCH AREA

Diagnostic

DEVELOPMENT STAGE

Level 1 - TRL - Basic principles observed and reported. MRL - Basic principles observed and reported.

PROPOSITION / APPLICATION

The creation of a reliable, highly sensitive drug selection platform with fine quantifications of the degree of inhibition of enzyme activities is necessary for the selection of antiviral drugs that may affect Covid-19. Thus, the present invention proposes the construction of a platform, an important tool in basic virological studies, in the establishment of vaccine prototypes and in the selection of antiviral drugs.

INNOVATION

Establishment of alternative strategies for drug testing, aiming at developing a tool for selection of drugs on a large scale. It is a highly sensitive system with fine quantification of the degree of inhibition by enzymatic activity

OPPORTUNITY

Development of a platform for coronavirus drug screening.

CONTACT

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