

Plant extract with bioactive potential against SARS-CoV-2

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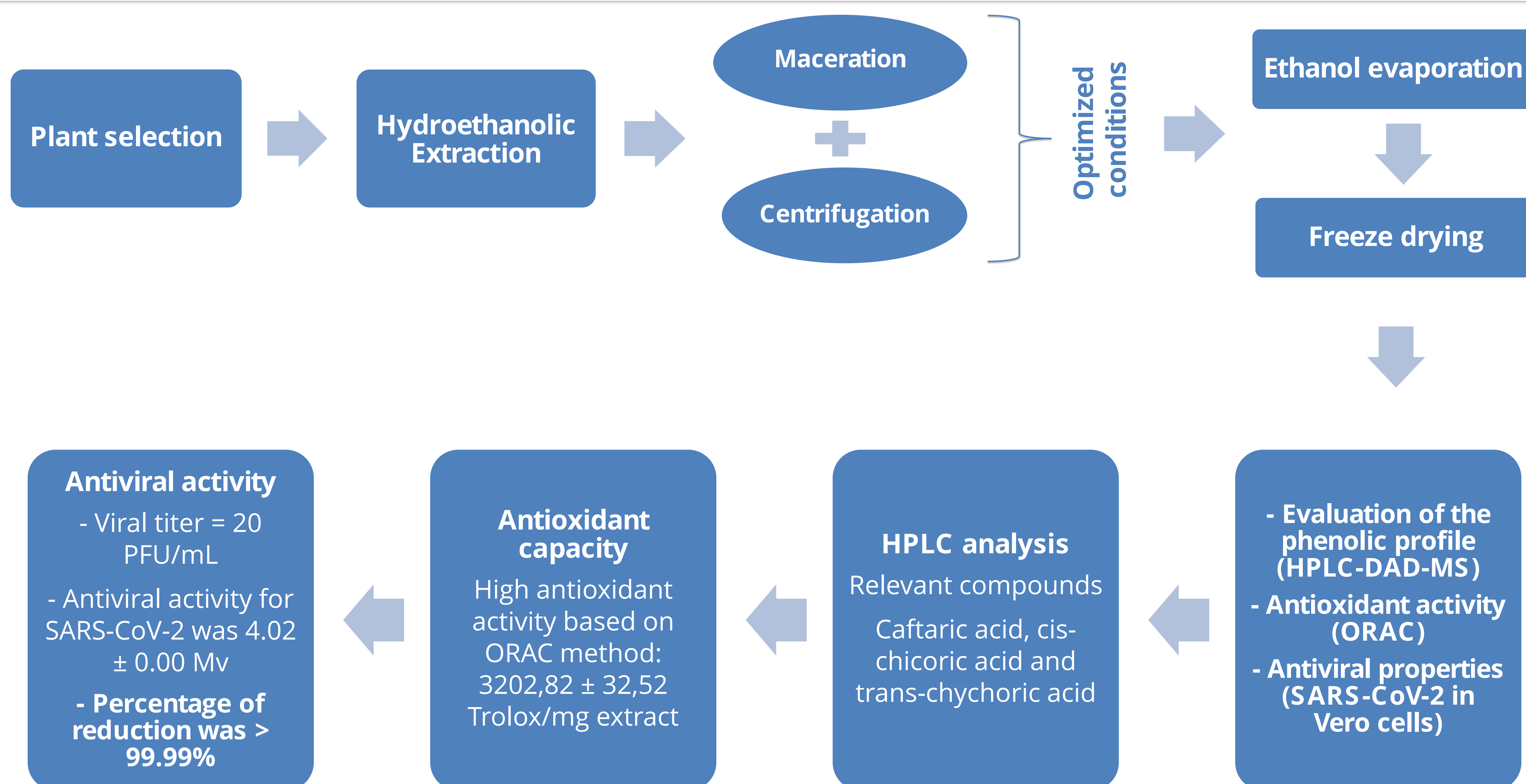
Background

The novel disease caused by SARS-CoV-2 has been causing chaos worldwide due to its high mortality, morbidity and contagiousness nature, and therefore forced the scientific world to develop new alternatives to assist the fight against this virus. Plant extracts have bioactive molecules that might provide an excellent source of new antiviral agents able to inhibit or neutralize COVID-19, bringing new alternatives to the synthetic agents.

Objectives

The objective of this study was to obtain an extract from a Plant cultivated under controlled conditions in Portugal to be used as an antiviral substance to be applied against COVID-19.

Methods and Results



Conclusions

- The results showed that the obtained extract demonstrated high antiviral activity against the SARS-CoV-2 related with its high content in key phenolic compounds. Besides, it also present a relevant antioxidant activity.
- Further studies are required for validation and application of this extract.

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