



Changes and impacts of the COVID-19 pandemic response on Arca

This poster is part of the Open Repositories 2021 Poster Session which takes place in the week of June 7-10. We encourage you to ask questions and engage in discussion on this poster by using the comments feature. Authors will respond to comments during this week.

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Poster description:

This work presents the changes and impacts on Arca1 – Oswaldo Cruz Foundation's2 (Fiocruz) Institutional Repository, of the COVID-19 response, which has been terrorizing the world. Due to the recognition from the World Health Organization, the importance of the scientific research of the Institution and the technological progress related to vaccines development, supplies and innovative treatments have become crucial. In this epidemiological scenario, including scientific documents and research material of this Institution related to COVID-19 on Arca was deemed critical and of large relevance. It is important to note that the changes, adaptations and focused efforts for the pandemic response, especially with the reduced issuing time, are intended to increase visibility, promote health with public goods and provide access to the knowledge produced by Fiocruz to the whole society.

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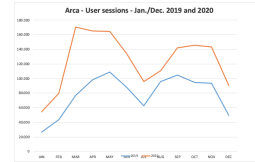
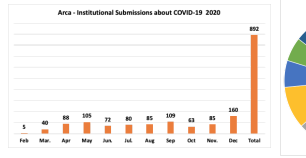
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Oswaldo Cruz Foundation (Fiocruz) has always been a reference on health related research. In April, 2020 the Fiocruz's laboratory of Respiratory viruses and Measles was recognized by the World Health Organization as a worldwide reference in the fight against the new coronavirus in the Americas. In addition, Fiocruz is responsible for the production of millions of doses of the vaccine developed in partnership with Oxford University. Being a protagonist on health research and promotion, the relevance and responsibility of making available the scientific research of Fiocruz related to COVID-19 seemed not only inevitable, but also urgent and crucial. Therefore, the effort to provide access to articles, preprints, manuals etc. through Arca - Fiocruz's Institutional Repository, as fast as possible became fundamental and submission of these materials turned to be the highest priority. Since the beginning of this world health crisis, the whole IR team has been engaged in feeding, adapting, and focusing efforts to respond to the COVID-19 pandemic, especially with the reduced issuing time.

Indeed, the worldwide search for research material from Fiocruz raised in 2020, as shown in graphs 1 and 2, which present the number of COVID-19 related submissions in 2020 (892 throughout the year) and the most indexed terms respectively. In another aspect, graph 3 shows how much the number of sessions on Arca increased from the previous year and graph 4 confirms that most searches were also related to COVID-19. Consequently, the number of downloads, citations and registrations have increased accordingly.

Since there is no horizon for an end to the pandemic, the effort to include the documents obtained by the Institution and provide access almost instantly will be maintained. We expect to contribute to the improvement of the information related to COVID-19, which still seeks greater study and research in global terms.



References

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mroux / June 1, 2021 / Poster