Navigating COVID-19 innovation: the COVID-19 vaccines and treatments patent landscape
COVID-19 Global research and innovation forum

Irene Kitsara, IP Information Officer
Technology and Innovation Support Division, IP for Innovators Department
IP and Innovation Ecosystems Sector

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Patents: a maze or rather a puzzle?
What can be a vaccine or therapeutic patent about?

- Active ingredient
- Delivery/administration
- Manufacturing process
- Platform/enabling technologies
- Sequences
- Antigens
- Adjuvants
- Composition
- Drug delivery
- Formulations
- Synthesis
- Combination therapies
- Secondary medical uses
WIPO’s contribution to the pandemic response – existing resources

- Preparation of patent landscape reports
- **Compilation** of publicly available landscape reports
- Capacity building in patent search and analysis in developing countries
- Patent information services to researchers in developing countries through the TISCs
- WHO-WIPO-WTO trilateral cooperation
WIPO’s contribution to the pandemic response

- **WIPO COVID-19-related services and support**
- **COVID-19 PATENTSCOPE index**
- **Trilateral study on Promoting Access to Medical Technologies and Innovation (COVID-19 updated extract)**

**PATENTSCOPE COVID-19 INDEX**

The WIPO COVID-19 Search Facility of PATENTSCOPE will provide scientists, engineers, public health policymakers, industry actors and members of the general public with an easily accessible source of intelligence for improving the detection, prevention, and treatment of diseases such as the novel coronavirus.

"Given the drastic impact of the COVID-19 crisis on human health and welfare, the world needs easy access to every bit of information available for the successful innovation in the pursuit of vaccines, treatments and cures, Patent documentation is key to this new reality," said WIPO Director General Francis Gurry. "I am pleased that WIPO’s new patent searching tool helps disseminate information on technologies that others may build upon for the global fight against COVID-19."

At the time of release, the new PATENTSCOPE search facility provides dozens of search queries specially curated by patent information experts who have identified technological areas relevant to the detection, prevention and treatment of COVID-19.

PATENTSCOPE contains over 80 million patent and related documents, provides comprehensive searching of patent information with multi-lingual search capabilities and an automatic translation system that uses Artificial Intelligence (AI) technologies for highly accurate results.

Via the new COVID-19 functionality, thousands of documents deemed of potential use to innovators working on COVID-19 mitigation efforts would be returned.

End user interface

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<th>Diagnostics</th>
<th>Disinfection</th>
<th>Informatics</th>
<th>Medical Equipment</th>
<th>Medical Facilities and Transport</th>
<th>Medical Treatment</th>
<th>Medical treatment/Preventive care</th>
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COVID-19-related innovation and patenting activity

January 2020 - July 2021

2018 - 2019 - 2020 - 2021 - 2022

Pre-pandemic - COVID-19 pandemic - Post-pandemic

WIPO World Intellectual Property Organization
WIPO upcoming patent landscape report

- First observations on patenting activity from January 2020 to September 2021
- The use and response of the patent system to related patent applications
- Comparison to and observations from vaccines and therapeutic trackers clinical and pre-clinical data (WHO, Milken Institute, RAPS)

Patent Landscape Report
COVID-19-related vaccines and therapeutics

The report will be available as of March 10, 2022 [here]
Save the date: March 10, 2022 – 2pm – 4pm CET


March 10, 2022

Scan for registration details and program
Navigating out of the maze

Awareness

Access to information

Dissemination

Skills

Irene.Kitsara@wipo.int