

Center for Health Emergencies

The Center for Health Emergencies, combining knowledge of infectious disease epidemiology and mathematical and computational modeling, develops quantitative epidemiology methods to **strengthen epidemiological surveillance** through three steps: systematic collection of relevant data (health-related and other), data analysis and synthesis, and dissemination of results.

The center has an **Impact Factor (IF) of 938 for 2020-2023 and of 789 relative to publications on SARS-CoV-2**. In 2020-2022, the center has, in fact, focused its research and scientific publications on the SARS-CoV-2 virus. FBK was mentioned as the leader of two papers (published in *Science* and *Jama Network Open*) within a synthesis paper, published in *Nature* in 2021, entitled ***COVID research: a year of scientific milestones***, which brings together a hundred significant papers on the pandemic.

Since 2006, it has collaborated with **Istituto Superiore di Sanità, the Italian National Institute of Health**, on the study of the transmission and control of infectious diseases.

The center is, in addition, a member of the **DISPATCH Network**, an *epidemic intelligence* system for pandemic risk identification and assessment, provided for in the influenza pandemic preparedness and response plan.