Features and significance of the recent enormous COVID-19 epidemic in China

Ji-Ming Chen¹, Huan-Yu Gong¹, Rui-Xu Chen¹, Si-Tong Liu², Ming-Hui Sun¹, Guo-Hui Li¹, Ting-Ting Yang³, and Ji-Wang Chen⁴

¹Foshan University School of Life Science and Engineering
²Qingdao Municipal Center for Disease Control and Prevention
³The Affiliated Hospital of Qingdao University
⁴University of Illinois Chicago Department of Medicine

January 12, 2023

Abstract

1. A survey on the recent COVID-19 epidemic in China was conducted.
2. The epidemic likely made over 85% of people in China sick in December 2022.
4. The epidemic had the features of spreading more rapidly and widely and having a higher symptomatic rate than previously thought.
5. The above features could lead to many severe cases and deaths due to the shortages of medical resources.
6. The above features greatly enhanced the population immunity in China, which will accelerate the end of the COVID-19 pandemic and reduce the emergence of risky variants of SARS-CoV-2 in China.

Hosted file