

Pregled literature

PL01 Efekt leptira ili trebamo li naći nultog krivca?

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Ključne riječi: COVID-19; Katastrofe; Pandemije; Propaganda; Zoonoze

UVOD: Pokušava se pronaći uzrok COVID-19 pandemiji i preispituje se hipoteza laboratorijskog nastanka, no postavlja se pitanje - može li se za katastrofu svjetskih razmjera okriviti skupinu ljudi koja nije bila svjesna posljedica svoje nepažnje?

MATERIJALI I METODE: Pretražili smo dostupnu literaturu na PubMedu vezanu za hipotezu o laboratorijskom nastanku virusa. Od 33 rezultata pretraživanja pojmova „SARS-CoV-2" i „Laboratory leak" njih 13 vezano je uz temu ovog preglednog sažetka. Koristili smo i informacije iz privremenog izvješća Senatu SAD-a o podrijetlu COVID-19 pandemije iz listopada 2022.

REZULTATI: Niti jedan od 13 radova ne daje prednost mogućnosti da je virus pobjegao iz laboratorija, ali ju (osim jednoga) ne isključuju. Pandemije su u prošlosti bile uzrokovane zoonozama pa je početkom pandemije prevladavao stav da je i COVID-19 zoonoza. Neki od argumenata koji opovrgavaju hipotezu zoonoza su: ne postoji intermedijarni prenositelj niti intermedijarni genotipovi, virus se nije počeo širiti multifokalno kao što je uobičajeno sa zoonozama, nultim pacijentom se smatra osoba s riblje tržnice u Wuhanu, ali je najveća koncentracija bolesnika u periodu nakon nultog pacijenta bila u blizini Instituta za virologiju u Wuhanu i konačno proboj patogena iz laboratorija se događa češće nego što je o tome javnost upoznata. Dodatno, cijeli je niz dokaza o propagandi koja se protivila hipotezi o laboratorijskom nastanku virusa.

ZAKLJUČAK: Bliži se trenutak kada ćemo imati dovoljno dokaza o uzroku pandemije, a onda se postavlja pitanje je li pravi krivac znanstvenik u laboratoriju koji nije bio svjestan razmjera katastrofe ili su pravi krivci svi oni koji su kočili otvorenu znanstvenu raspravu i protok informacija.

Butterfly effect or should we find zero culprit?

Keywords: COVID-19; Disasters; Pandemics; Propaganda; Zoonoses

INTRODUCTION: Attempts are being made to find the cause of the COVID-19 pandemic and the hypothesis of laboratory origin is being questioned. Can a group of people who weren't aware of the consequences be blamed for this catastrophe?

MATERIALS AND METHODS: We searched the literature on PubMed related to the hypothesis. Out of 33 search results for the terms "SARS-CoV-2" and "Laboratory leak", 13 of them are related to this topic. An interim report to the US Senate on the origins of the COVID-19 pandemic from October 2022 was also revised.

RESULTS: None of them favors the possibility that the virus escaped from the laboratory, but (except for one) they don't rule it out. In the past, pandemics were caused by zoonoses, so at the beginning the prevailing view was that COVID-19 was also a zoonosis. Some of the arguments that disprove the zoonosis hypothesis are: there isn't an intermediate carrier or intermediate genotypes, the virus didn't start to spread multifocally as it usually is with zoonoses, patient zero is considered to be a person from the fish market in Wuhan, although the highest concentration of patients is in the period after patient zero was near the Institute of Virology in Wuhan, and finally the breakthrough of pathogens from the laboratory happens more often than the public is aware of. There is also evidence of propaganda that opposed the hypothesis of laboratory leak.

CONCLUSION: Soon we will have enough evidence about the cause of the pandemic, and then the question arises whether the real culprit is the scientist in the laboratory who wasn't aware of the possible disaster, or the real culprits are all those who hindered open scientific discussion.