



Is It Apophenic Bet on Bats to Search for SARS-CoV-0 as Prequel and Prepare for SARS-CoV-X as Sequel to COVID-19 Pandemic?

Peer review status:

No

Corresponding Author:

Dr. Deepak Gupta,
Anesthesiologist, Self - United States of America

Submitting Author:

Dr. Deepak Gupta,
Anesthesiologist, Self - United States of America

Article ID: WMC005725

Article Type: My opinion

Submitted on: 22-May-2021, 12:51:04 AM GMT **Published on:** 28-May-2021, 05:44:24 AM GMT

Article URL: http://www.webmedcentral.com/article_view/5725

Subject Categories: INFECTIOUS DISEASES

Keywords: Apophenia, Bats, SARS-CoV-0, SARS-CoV-X, COVID-19

How to cite the article: Gupta D. Is It Apophenic Bet on Bats to Search for SARS-CoV-0 as Prequel and Prepare for SARS-CoV-X as Sequel to COVID-19 Pandemic?. WebmedCentral INFECTIOUS DISEASES 2021;12(5):WMC005725

Copyright: This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC-BY\)](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Source(s) of Funding:

NOT APPLICABLE

Competing Interests:

NOT APPLICABLE

Is It Apophenic Bet on Bats to Search for SARS-CoV-0 as Prequel and Prepare for SARS-CoV-X as Sequel to COVID-19 Pandemic?

Author(s): Gupta D

My opinion

My imagination has always run wild but it is running amok since COVID-19 pandemic. Currently, the question bugging me is "if pandemic had started with bat-consumption [1-2], will pandemic end with bat-consumption too?" as if lyrics penned by Qateel Shifai and sung by Jagjit Singh that translate as "He/She/It who/that has given this pain will also give medicine" [3-4] seem apt in my theoretical and non-conspiratorial search for SARS-CoV-0, the prequel to pandemic. Therefore, I am betting on bats not just as a blame for our global suffering during pandemic but as a theoretical understanding into our global differences in terms of complications and deaths during pandemic. This may help us innovate better for future pandemics originating from bats for which bats may play a role as a futuristic medicine just like it may have played a role in natural immunity among human populations who have been consuming bats or at least have been routinely exposed to bats since unknown times in the past [5-16]. These bat-consuming (or bat-exposed) human populations may have kept bat-consuming (or bat-exposed) geographical regions better equipped to deal with constant evolution of bat-viruses as parallel to bats becoming strongly immune to viruses [17-18] hosted by them when constant exposure to these bat-viruses inducing development of immunity over time not only among bats but also among bat-consuming (or bat-exposed) geographical regions humans too. It is unclear if SARS-CoV itself back in early 2000s may have been as detrimental as SARS-CoV-2 if globalization rates of transregional movements in 2010s have evolved way earlier in the 2000s itself [19-28]. Similarly, it is unclear if SARS-CoV-0 may have been prevalent and undetected as endemic in the bat-consuming (or bat-exposed) regions which may have been globally secluded, physically as well as informationally, before 2000s. The similar trend can be seen in the search for HIV that was christened in 1980s but has now been traced back to 1920s [29-30]. As the globalization trends are here to stay because of humanity evolving the need for exponential connectedness as an innate need for itself, this

connectedness can be used to fight the cause by turning the cause into the medicine. Globally, human population may not start consuming bats as staple diet but medicines may have to be extracted from bats just like honey from bees by the Big Pharma only if and only after Big Pharma's thorough scientific investigations in the future irrefutably prove it to be a non-apophenic bet on bats so that human population globally is having hormesis with wild life without consuming them as meat but in the form of extracted medicine. Experts may say that the bat-consuming (or bat-exposed) regions should abandon consumption of (or exposure to) bats [1]. That may be one option but viruses like HIV and SARS will find another intermediate animal host which some human populations somewhere in the world relish or are cozy with to become inadvertently immune as if naturally vaccinated to those evolving viruses and yet ending up transmitting those evolving viruses to the naïve world as Disease X, thus creating future pandemics.

Â

The soul-searching questions by 21st-century humans must delve into foregone 20th-century humans' history to prepare ourselves as 22nd-century humans.

- Is there any other more plausible biological theory [31-36] for bat-consuming (or bat-exposed) geographical regions beating COVID-19 pandemic so effectively?
- Is there any evidence for the conspiratorial theory about the under-reported SARS-CoV-2 cases and COVID-19 deaths from bat-consuming (or bat-exposed) geographical regions?
- Isn't it conspiratorial to believe that bat-consuming (or bat-exposed) geographical regions humans have innately become better disciplined over generations so as to enable stringent enforcement and maintenance of stricter lockdowns for containing and mitigating COVID-19 pandemic?
- Isn't it conspiratorial to envision real-life in bat-consuming (or bat-exposed) geographical regions as an extension of a plot from science fiction wherein bat-consuming (or bat-exposed) geographical regions have been envisioned to have had experimented with population therapies, hitherto unknown, on the lines of en masse covert variolation vaccination (as similar to historical methods of variolation [37-38]) among the unknowing humans inhabiting those bat-consuming (or bat-exposed)

geographical regions?

- Is it even feasible that sexualized revolution of late 20th-century evolving into virtual sexuality to contain HIV can make the case for globalized revolution of early 21st-century to evolve into virtual globalization to contain SARS and any future Disease X?
- Has humanity ever completely abandoned its habits regarding food, mating and travel except when it is temporarily adapting them to the changing times which may sometimes imprint those changes as permanent ones thus evolving as the new normal from that point onwards?
- Although small pox [39-40] did NOT evolve due to eating animals because small pox has had no animal vector since more than hundreds of thousands of years ago, did humanity being a vector itself stop traveling despite deaths due to small pox happening across the continents until recently? Å
- Can humans stop eating plants once they discover that plant-viruses too are jumping into humans [41-47]?

Å

Essentially, I am envisioning with a straight face that, futuristically, globe-trotting humans may have to metaphorically evolve hormones with over-the-counter œbat-soupsœ or prescription œbat-syrupsœ as their controlled exposure to develop bat-like immunity over generations against future Å SARS-CoV-X irrespective of whether or not they inhabit bat-consuming (or bat-exposed) geographical regions, unless this is no longer my imagination running wild or amok but evolving into a delusional unimaginably non-conspiratorial hallucinations as similar to potentially dead-end scientific explorations into cow-urine distillates [48-49].

Reference(s)

1. To help prevent pandemics, stop eating meat. <https://www.earthday.org/to-prevent-pandemics-stop-eating-meat/>
2. Biodiversity loss and COVID-19 pandemic: The role of bats in the origin and the spreading of the disease. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7566801/> Å
3. Lyrics of Ghazals of Jagjit Singh and Ghulam Ali. <http://gajalsofjagjitsingh.blogspot.com/2015/03/wasl-ki-raat-to-rahata-se-basar-hone-do.html>
4. Wasl Ki Raat To Rahat Se Basar Hone Do. <http://jagjitandchitra.blogspot.com/2014/10/wasl-ki-raat-to-rahata-se-basar-hone-do.html>
5. Bats as bushmeat: a global review. <https://www.cambridge.org/core/journals/oryx/article/bats-as-bushmeat-a-global-review/747260E678F188D0A89E8A6966DEFBA5>
6. Exploitation of Bats for Bushmeat and Medicine. https://link.springer.com/chapter/10.1007%2F978-3-319-25220-9_12
7. Reports of multiple bat deaths due to intentional killing by humans, including counts of dead bats taken for use as food. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5942905/#SD1> Å Å
8. Eating Bats | National Geographic. <https://www.youtube.com/watch?v=g3mMn2NtRig>
9. Indians cook bats to eat - wildfilmsindia campaigns to stop this practice. https://www.youtube.com/watch?v=d_LHwvWYYVwÅ
10. Bat as food. https://en.wikipedia.org/wiki/Bat_as_food Å
11. Human uses of bats. https://en.wikipedia.org/wiki/Human_uses_of_bats
12. Why are Indians so preoccupied with what Nagas eat, whether it is dogs, bats or falcons? <https://scroll.in/magazine/987259/why-are-indians-so-preoccupied-with-what-nagas-eat-whether-it-is-dogs-bats-or-falcons> Å
13. Meghalaya gov bats for bat meat, says it's tasty and healthy. <https://www.hindustantimes.com/india/meghalaya-gov-bats-for-bat-meat-says-it-s-tasty-and-healthy/story-u8GHPgAnoNMh2EQqAxpXL.html>
14. THE BATS OF INDIA. <https://www.batcon.org/article/the-bats-of-india/>
15. Amid COVID-19 scare tale of human-bat bonding in Bengal. <https://www.deccanherald.com/national/amid-covid-19-scare-tale-of-human-bat-bonding-in-bengal-837956.html>
16. Despite Nipah virus scare, Bengal is a safe haven for bats. <https://www.getbengal.com/details/despite-nipah-virus-scare-bengal-is-a-safe-haven-for-bats>
17. The secret to bats' immunity. <https://www.sciencedaily.com/releases/2019/02/190226112401.htm>
18. Batsœ™ immune defenses may be why their viruses can be so deadly to people. <https://www.sciencenews.org/article/bats-immune-system-viruses-ebola-marburg-people>
19. These Travel Destinations Were Popular In The 90s (But Not Today). <https://www.thetravel.com/popular-90s-vacation-destinations/>
20. Trade and Globalization. <https://ourworldindata.org/trade-and-globalization>
21. The State of Globalization in 2019, and What It Means for Strategists. <https://hbr.org/2019/02/the-state-of-globalization-in-2019-and-what-it-means-for-strategists>
22. Top Travel Destinations: 1971œ2011. <https://www.travelandleisure.com/trip-ideas/top-travel-destinations-1971-2011> Å
23. Top 10 Countries by Tourism (1990-2019) || most Visited countries in world. <https://www.youtube.com/watch?v=NCm7ToHF16s>
24. Migration: Are more people on the move than ever before? <https://www.bbc.com/news/world-32912867>
25. The world's movement of people œ in one map. <https://www.weforum.org/agenda/2016/07/the-worlds-immigration-in-one-map/>

26. Globalization Is Increasing (So Far).
https://hbr.org/resources/images/article_assets/2019/01/W180122_GHEMAWAT_GLOBALIZATIONI_S.png
27. Globalization over 5 centuries.
<https://ourworldindata.org/uploads/2018/11/globalization-over-5-centuries-km-768x542.png>
28. Trends in Globalization.
<https://guides.loc.gov/globalization/trends-in-globalization>
29. Origin of HIV & AIDS.
<https://www.avert.org/professionals/history-hiv-aids/origin>
30. Aids: Origin of pandemic 'was 1920s Kinshasa'.
<https://www.bbc.com/news/health-29442642>
31. Explaining among-country variation in COVID-19 case fatality rate.
<https://www.nature.com/articles/s41598-020-75848-2>
32. Ministry of Health and Family Welfare: Government of India. <https://www.mohfw.gov.in/>
33. How Did Vietnam and Cambodia Contain COVID-19 With Few Resources?
<https://www.brinknews.com/how-did-vietnam-and-cambodia-contain-covid-19-with-few-resources/>
34. Vietnam was ranked 2nd for successfully handling the coronavirus pandemic, and its contact tracing was so good it barely had to lock down.
<https://www.businessinsider.com/vietnam-coronavirus-measures-among-best-in-world-contact-tracing-masks-2021-2>
35. Northeast people will be more immune to Covid-19, here's why!
<https://www.newindianexpress.com/nation/2020/apr/14/northeast-people-will-be-more-immune-to-covid-19-heres-why-2129749.html>
36. Northeast Indians less likely to die from COVID than Western Indians & Bangladeshis: Research on genes.
<https://www.sentinelassam.com/north-east-india-news/assam-news/northeast-indians-less-likely-to-die-from-covid-than-western-indians-bangladeshis-research-on-genes-505663>
37. Powdered pus up the nose and other Chinese precursors to vaccinations.
<https://www.scmp.com/magazines/post-magazine/short-reads/article/3078436/powdered-pus-nose-and-other-chinese-precursors>
38. A Brief History Of Vaccines: From Medieval Chinese Variolation To Modern Vaccination.
<https://www.medicaldaily.com/history-vaccines-variolation-378738>
39. Smallpox.
<https://www.nationalgeographic.com/science/article/smallpox>
40. History of Smallpox.
<https://www.cdc.gov/smallpox/history/history.html>
41. Can Plant Virus Infect Human Being?
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3550769/>
42. Can Plant Viruses Cross the Kingdom Border and Be Pathogenic to Humans?
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4411691/>
43. Plant viruses may be reshaping our world.
<https://www.sciencedaily.com/releases/2019/07/190717142645.htm>
44. Evidence of First Virus That Infects Both Plants and Humans.
<https://www.popsoci.com/science/article/2010-04/scientists-discover-first-virus-make-jump-plants-humans/>
45. Can Plant Viruses Infect Humans?
<https://www.howplantswork.com/2020/02/23/can-plant-viruses-infect-humans/>
46. Humans Have Antibodies against a Plant Virus: Evidence from Tobacco Mosaic Virus.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0060621>
47. Diseases Can Jump to Humans from Plants, Not Just from Animals.
<https://blogs.scientificamerican.com/observations/diseases-can-jump-to-humans-from-plants-not-just-from-animals/>
48. Cow urine distillate as bioenhancer.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3117312/>
49. Chemotherapeutic potential of cow urine: A review.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4566776/>