

Dr. Bryan Ardis Snake Venom Presentation (4/11-4/13) Links to References

Presentation links:

- Part I: <https://www.brighteon.com/2b090826-787f-4d03-9f78-a1a80d3fe767>
- Part II: <https://www.brighteon.com/60556b94-86af-4eae-aa59-441b02b71c33>
- Part III: <https://www.brighteon.com/0d74ac38-dcf9-44e6-99f6-96c6a59abcf9>

1. Where Did the New Coronavirus Come From? Potentially a Bat, Snake, or Pangolin: <https://www.healthline.com/health-news/coronavirus-can-be-deadly-but-they-also-cause-the-common-cold-what-to-know>
2. Snakes could be the source of the Wuhan coronavirus outbreak: <https://www.cnn.com/2020/01/22/health/snakes-wuhan-coronavirus-outbreak-conversation-partner/index.html>
3. No, snakes probably aren't the source of that new coronavirus in China: <https://www.sciencenews.org/article/snakes-probably-not-source-spread-new-coronavirus-outbreak-china>
4. "Snake Pneumonia" – Coronavirus Outbreak in China Traced to Snakes by Genetic Analysis: <https://scitechdaily.com/snake-pneumonia-coronavirus-outbreak-in-china-traced-to-snakes-by-genetic-analysis/>
5. Cross-species transmission of the newly identified coronavirus 2019-nCov: <https://onlinelibrary.wiley.com/doi/epdf/10.1002/jmv.25682>
6. What is a Codon? <https://www.genome.gov/genetics-glossary/Codon>
7. Codon Usage Bias: <https://pubmed.ncbi.nlm.nih.gov/34822069/>
8. Phospholipase enzymes as potential biomarker for SARS CoV-2 virus: <http://www.ijsrp.org/research-paper-0121/ijsrp-p10919.pdf>
9. Like Venom Coursing Through the Body: Researchers Identify Mechanism Driving COVID-19 Mortality: <https://news.arizona.edu/story/venom-coursing-through-body-researchers-identify-mechanism-driving-covid-19-mortality>
10. The Indian cobra reference genome and transcriptome enables comprehensive identification of venom toxins: <https://www.nature.com/articles/s41588-019-0559-8>
11. Histopathological Alterations Induced by Naja naja Crude Venom on Renal, Pulmonary and Intestinal Tissues of Mice Model: <https://www.journalbji.com/index.php/BJI/article/view/2618/4500>
12. Extrapulmonary manifestations of COVID-19: <https://www.nature.com/articles/s41591-020-0968-3>
13. Gilead Sciences to purchase biologics process research and clinical manufacturing facility from Genentech: <https://www.europeanpharmaceuticalreview.com/news/8538/gilead-sciences-to-purchase-biologics-process-research-and-clinical-manufacturing-facility-from-genentech/>
14. Cardiotoxin (Naja atra) (T3D2541): <http://www.t3db.ca/toxins/T3D2541>

15. Potential Cardiotoxic Effects of Remdesivir on Cardiovascular System: A Literature Review: <https://link.springer.com/content/pdf/10.1007/s12012-021-09703-9.pdf>
16. COSTA RICA-HEALTH-VIRUS-PLASMA-HORSES: <https://www.gettyimages.com/detail/news-photo/scientist-manipulates-a-velvet-snake-to-extract-venom-at-news-photo/1228844540>
17. Snake venom phospholipases A2 possess a strong virucidal activity against SARS-CoV-2 in vitro and block the cell fusion mediated by spike glycoprotein interaction with the ACE2 receptor: <https://www.biorxiv.org/content/10.1101/2021.01.12.426042v1.full.pdf>
18. Venom from one of Brazil's largest snakes could reduce COVID's ability to multiply: <https://www.msn.com/en-gb/news/world/snake-venom-could-become-tool-in-fight-against-coronavirus-study-suggests/ar-AANY8Pg>
19. Snakebites and COVID-19: two crises, one research and development opportunity: <https://gh.bmj.com/content/bmjgh/6/10/e006913.full.pdf>
20. \$1.58 Billion Anti-venom Market - Global Growth, Trends, COVID-19 Impact, and Forecasts 2021-2026 - ResearchAndMarkets.com: <https://www.businesswire.com/news/home/20210303005784/en/1.58-Billion-Anti-venom-Market---Global-Growth-Trends-COVID-19-Impact-and-Forecasts-2021-2026---ResearchAndMarkets.com>
21. Snake venom-derived bradykinin-potentiating peptides: A promising therapy for COVID-19?: <https://pubmed.ncbi.nlm.nih.gov/32761647/>
22. Advances in COVID-19 therapies: <https://guardian.ng/features/science/advances-in-covid-19-therapies/>
23. Snake venom can stop Covid-19 from multiplying: <https://www.zenopa.com/news/3349/snake-venom-can-stop-covid-19-from-multiplying>
24. Anti-Venom Market Future Growth Outlook: Merck, MicroPharm, Pfizer: <https://www.icrowdresearch.com/2021/12/17/anti-venom-market-future-growth-outlook-merck-micropharm-pfizer/>
25. Pfizer announced EUA application for Covid-19 drug " Paxlovid: <https://www.unmuteit.com/articles/pfizer-announced-eua-application-for-covid-19-drug-paxlovid>
26. Venom-Derived Neurotoxins Targeting Nicotinic Acetylcholine Receptors: <https://www.mdpi.com/1420-3049/26/11/3373>
27. Incorporation of Pseudouridine Into mRNA Yields Superior Nonimmunogenic Vector With Increased Translational Capacity and Biological Stability: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2775451/>
28. Unusual stability of messenger RNA in snake venom reveals gene expression dynamics of venom replenishment: <https://pubmed.ncbi.nlm.nih.gov/22879897/>, <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0041888>
29. Nucleoside modifications in RNA limit activation of 2'-5'-oligoadenylate synthetase and increase resistance to cleavage by RNase L.: <https://europepmc.org/article/PMC/3241635>

30. Innovative Research - Snake Venom Phosphodiesterase I Purified Lyophilized: <https://www.innov-research.com/pages/search-results-page?q=snake+venom+phosphodiesterase>, <https://www.innov-research.com/products/snake-venom-phosphodiesterase-i-purified-lyophilized>
31. From obscurity to a Nobel Prize nomination: Houston scientists acclaimed for their patent-free COVID-19 vaccine: <https://www.texastribune.org/2022/02/10/corbevax-texas-coronavirus-vaccine/>
32. Could a patent-free vaccine offer a COVID solution that stands up against Alpha, Delta, Omicron, and future variants?: <https://www.abc.net.au/news/2022-02-24/covid-patent-free-vaccine-corbevax-could-be-game-changer/100848820>
33. Covid-19 vaccine: Biological E's Corbevax gets EUA for use in 12-18 year age group: <https://www.financialexpress.com/lifestyle/health/corbevax-gets-nod-for-12-18-yr-group/2440915/>
34. Biological E. Limited: https://biologicale.com/Vaccines_Biologics/products.html
35. Moderna co-founder using mRNA technology to treat venomous snakebites: <https://globalnews.ca/news/8005422/moderna-cofounder-mrna-snakebites/>
36. Ophirex: <https://www.ophirex.com/funding-and-collaboration>
37. Ophirex receives Wellcome Trust Award: <https://www.ophirex.com/20200302-ophirex-receives-wellcome-trust-award>
38. Vaerspladib: <https://www.ophirex.com/varespladib>
39. Venom types and their effects on humans: <https://www.timsreptiles.co.za/uncategorized/venom-types-and-there-effects-on-humans>
40. Ageusia following cobra envenomation: Myth and fact on venom sucking: <http://www.ijcasereportsandimages.com/archive/2011/004-2011-ijcri/001-04-2011-kumaran/ijcri-00104201111-kumaran.pdf>
41. The Blacklist (season 4) (Episode 15) (filmed 2016, released 2017): [https://en.wikipedia.org/wiki/The_Blacklist_\(season_4\)](https://en.wikipedia.org/wiki/The_Blacklist_(season_4))
42. Toxin-like peptides in plasma, urine and faecal samples from COVID-19 patients: <https://f1000research.com/articles/10-550/v2>
43. How the Mark of the Beast will rewrite the human genome: <https://www.douglashamp.com/how-the-mark-of-the-beast-will-rewrite-the-human-genome-part-one/>, <https://www.douglashamp.com/how-the-mark-of-the-beast-will-rewrite-the-human-genome-part-two-corrupting-the-image/>, <https://www.douglashamp.com/how-the-mark-of-the-beast-will-rewrite-the-human-genome-part-three-corrupting-the-image/>
44. 100 Years of Suramin: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7038244/>
45. Recombinant novel coronavirus vaccine taking human replication-defective adenovirus as vector: <https://patents.google.com/patent/CN111218459A/en>