

Review of: "Analysing the Automation of Artificial Knowledge in Virology for Safety and Effectiveness in Healthcare: Equilibrium of Advancement and Trials for Secure and Productive Health Necessities"

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The article is a good exposition on the applications of AI in the field of medicine and virology. It covers all possible areas, including viral genomics, vaccine development, and repurposing of anti-viral therapies. It also mentions the use of AI in drug discovery. But I would have liked to know some more specific details of these instances. The section on bioweapons was informative and of particular concern to all, considering the havoc wreaked by the Corona pandemic. I don't think humanity will be able to survive another such onslaught. Therefore, I am interested in knowing the authors' suggestions about ethical guidelines to regulate AI.

I don't know of any examples of successful application of AI to virology. As far as guidelines are concerned, I would suggest that leaders in the field come together and frame something similar to the Helsinki guidelines for good clinical practice. But the added complexity is - who will guard the guardians? After all, the coronavirus was the result of a 'gain-of-function' experiment, and it wreaked havoc in spite of all regulations and guidelines.