

## Necessary to Identify Latent Toxicants Associated with COVID-19

Dear Editor

SARS-CoV-2 is a new coronavirus that emerged in 2019 and caused the COVID-19 epidemic, but despite much effort, there is still no specific care standard. The lack of accurate information posed several challenges for health systems, which were accompanied by a wide range of possibly unfamiliar materials for the treatment and prevention of COVID-19.<sup>[1]</sup> When a major medical crisis such as COVID-19 occurs, and there is no known cure for it, several phenomena may occur, and people to show different behavioral reactions to deal with this condition and treat it with limited knowledge.<sup>[2,3]</sup>

However, people are increasingly exposed to social media and the internet, which may lead to self-medication using non-standard methods, which are a prerequisite for diseases such as hypertension, kidney disease, stroke, obesity, diabetes, and liver disease more vulnerable than COVID-19.<sup>[4]</sup> We performed this study on the cause and effect of these aggravating factors of coronavirus. Emerging evidence shows that many of the unsanitary and non-standard cases used to treat COVID-19 are worse than the disease itself.

It seems that monitoring, prevention, and management of incorrect treatment styles and identification of toxic agents that victims of coronavirus are very important. Here are some of them: High sodium intake in many unhealthy diets, increased access to and use of disinfectants including alcohol, social media advertising about not wearing a mask, vaccine injections and other interventions to create stress and lack of public participation in prevention, induction of incorrect information for self-medication, increase illegal drug use with the false belief that drugs are effective in the treatment and prevention of COVID-19, use of over-the-counter and unsanitary drugs Includes chloroquine and hydroxychloroquine, which have major and completely irresponsible deficiencies for treatment, use of beverages such as sodium hypochlorite, cocaine infusion and fake alcohol with methanol, use of many non-standard herbal medicines, presence in industrial centers and places with high pollution is one of the most common latent toxic agents of COVID-19. Our solution here is to pay attention to medical toxicology and toxicology education by setting up control centers and public information for the public.

### Author's contribution

All authors contributed to the conception or design of the work. MB, SD, and SF contributed to the acquisition, analysis, or interpretation of data for the work. MB and SD contributed to drafting the work or revising it critically for important intellectual content. MB contributed to final approval of the version to be published.

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