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Editorial

Plastics, Bisphenol and COVID: Bisphenol B is Necessarily not Better than Bisphenol A

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It is of common knowledge that plastics are bad for the environment and also bad for human health [1]. It leaches out toxic chemicals which are often endocrine disruptors [2,3]. One such chemical is Bisphenol A that is already banned [4,5]. Awareness about Bisphenol A toxicity is gradually increasing, and there are user-friendly methods of Bisphenol A detection [6-9]. However, Bisphenol A is not an isolated chemical that leaches out from plastics. Bisphenols are a group of related chemicals that leaches out from the plastics [10-12]. We can take the example of Bisphenol B. It is chemically related to Bisphenol A [13], but its acute toxicity is more [14].

Nevertheless, when people discuss Bisphenols, it is generally Bisphenol A. The public awareness about the toxicity of other Bisphenols is negligible as on date. Unlike Bisphenol A, simple user-friendly methods are not available for its estimation. On recent health hazards when the issue of plastics is discussed, it is again generally Bisphenol A. Recently the scientists are trying to explore whether there is a relation of Bisphenol A exposure and occurrence of SARS-CoV-2 (COVID 19) infection [15]. In this context, we propose that Bisphenol research should not be biased towards Bisphenol A. In other words, the other Bisphenols (like Bisphenol B) should be taken into account for understanding health hazard due to plastics. Who knows Bisphenol B may have a more substantial relation with COVID 19 infection or any other toxicity to humankind? Therefore, we recommend awareness generation programs about other Bisphenols and only that can reduce its toxicity.

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