

New Study Shows Glyphosate Disrupts the Gut Microbiome at Any Dose

A new study has shown Glyphosate and Roundup disturb the gut microbiome and blood biochemistry at any level, even the levels that have been deemed safe.

Image credit: Philippe Huguen/AFP via Getty Images

The study was conducted by an international team of scientists based in London, Italy, France, and the Netherlands, and was led by Dr. Michael Antoniou of King's College London. The study is published in the Journal of Environmental Health Perspectives.

The research found that that glyphosate disrupts the microbiome the same way in which it kills weeds.

Humans and animals do not have the shikimate pathway, enabling industry and regulators to claim that glyphosate is nontoxic to humans.[2] However, some strains of gut bacteria do have this pathway, leading the researchers on the new study to investigate whether Roundup and glyphosate could affect the gut microbiome. Imbalances in gut bacteria have been linked to an ever-growing array of diseases, including cancer, type 2 diabetes, obesity, and depression.

Glyphosate and Roundup disturb gut microbiome and blood biochemistry at doses that regulators claim to be safe

Numerous studies have been done to show the negative effects of glyphosate on humans. Glyphosate has been shown to cause cancer and numerous other health problems.

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