

First steps towards vaccine against a cause of stomach cancer.

Printed from <https://www.cancerquest.org/newsroom/2011/02/first-steps-towards-vaccine-against-cause-stomach-cancer> on 06/15/2026



Many cases of stomach (gastric) cancer are caused by long-term infection with the bacterium *Helicobacter pylori*. A vaccine that prevents infection with H. pylori could reduce the incidence of gastric cancer. U.S. researchers, using computer modeling, have developed a vaccine that generates a strong immune response against the bacteria and reduces stomach colonization. The vaccine did not greatly impact the changes in gastric tissue caused by infection. Additional work is needed to create a vaccine with the desired impact on cancer development.

Source

<https://www.ncbi.nlm.nih.gov/pubmed/21304478>

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