



As well as protecting hearts, omega-3 oils improve circulation, are thought to dampen inflammatory conditions and could even combat cancer. Fish such as mackerel, salmon and herring naturally contain omega-3 oils, but many people do not eat the recommended amount. Other foods and supplements containing the oils are available, but are expensive.

Engineering animals to make their own oils would be "a neat approach", says Liz Lund of the Institute of Food Research in Norwich, England. "But only if genetic modification of animals is more acceptable."

"The US market might be more tolerant, but the practicalities of getting people to eat GM farm animals are extremely problematic, especially in Europe," says Lund, who is investigating whether omega-3 oils can prevent colon cancer in rats.

But Kang says the project is moving forward: "We're first going to do it in chickens."

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