

# Mosquitoes Harnessed to Vaccinate Humans Without Consent

New England Journal of Medicine Report of Malaria Vaccine Delivered by Mosquito Bites

By <u>Dr. Peter McCullough</u> Global Research, January 09, 2025 <u>Courageous Discourse</u> Theme: <u>Biotechnology and GMO</u>, <u>Science</u> and <u>Medicine</u>

It seems as if the world of vaccinology has ramped up to a feverish pitch with amplified research, massive funding, and no limit to the extent in which vaccines could be injected into humans. Dr. McCullough was a December 31, 2024, guest on the <u>Grant Stinchfield</u> <u>Podcast</u> to review research using mosquitoes to deliver vaccines to humans through their nasty bites in the skin.

<u>Lamers et al</u> described experiments where mosquitoes were laced with a malaria vaccine and then normal human volunteers went through three session of 50 bites each to get "vaccinated." It took only five bites to give the subjects a case of controlled malaria infection.

Stinchfield raised the ethical considerations of this line of development where mosquitoes released into nature essentially like flying syringes could vaccinate people without informed consent, no control over dose, prior immunity, and no ability to recognize or report side effects. Please enjoy this interview which also includes a review and clips from mosquito labs around the world demonstrating the massive resources poured into this line of development unfortunately with very poor biosecurity in some parts of the world.

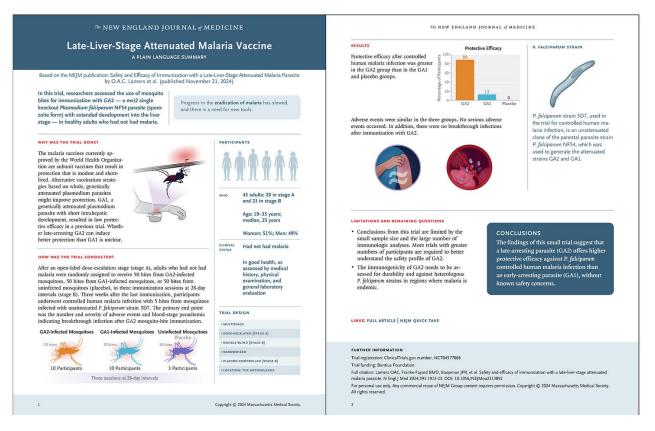
Below is an excerpt from the NEJM article.

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### Safety and Efficacy of Immunization with a Late-Liver-Stage Attenuated Malaria Parasite

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## Abstract

#### Background

Currently licensed and approved malaria subunit vaccines provide modest, short-lived protection against malaria. Immunization with live-attenuated *Plasmodium falciparum* malaria parasites is an alternative vaccination strategy that has potential to improve protection.

#### Methods

We conducted a double-blind, controlled clinical trial to evaluate the safety, side-effect profile, and efficacy of immunization, by means of mosquito bites, with a second-generation genetically attenuated parasite (GA2) — a *mei2* single knockout *P. falciparum* NF54 parasite (sporozoite form) with extended development into the liver stage. After an open-label dose-escalation safety phase in which participants were exposed to the bites of 15 or 50 infected mosquitoes (stage A), healthy adults who had not had malaria were randomly assigned to be exposed to 50 mosquito bites per immunization of GA2, an early-arresting parasite (GA1), or placebo (bites from uninfected mosquitoes) (stage B). After the completion of three immunization sessions with 50 mosquito bites per session, we compared the protective efficacy of GA2 against homologous *P. falciparum* controlled human malaria infection with that of GA1 and placebo. The primary end points were the number and severity of adverse events (in stages A and B) and blood-stage parasitemia greater than 100 *P. falciparum* parasites per milliliter after bites from GA2-infected mosquitoes (in stage A)

and after controlled human malaria infection (in stage B).

#### Results

Adverse events were similar across the trial groups. Protective efficacy against subsequent controlled human malaria infection was observed in 8 of 9 participants (89%) in the GA2 group, in 1 of 8 participants (13%) in the GA1 group, and in 0 of 3 participants in the placebo group. A significantly higher frequency of *P. falciparum*-specific polyfunctional CD4+ and V $\delta$ 2+  $\gamma\delta$  T cells were observed among participants who received GA2 than among those who received GA1, whereas GA2 and GA1 induced similar antibody titers targeting the *P. falciparum* circumsporozoite protein.

#### Conclusions

In this small trial, GA2 was associated with a favorable immune induction profile and protective efficacy, findings that warrant further evaluation. (Funded by the Bontius Foundation; ClinicalTrials.gov number, <u>NCT04577066</u>.)

<u>Click here to read the full NEJM article</u>.

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