

Dr. Michael Lanzer
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March 15, 1993

Dr. Paul K. Bronston
1 Jim Street Suite # 202
Marina Del Rey
California 90292

Dear Dr. Bronston,

In reference to our conversation of this morning, I am giving you permission to use my review regarding Dr. Heimlich's research proposal for the purpose of your investigation.

If I can be of further help, please feel free to contact me.

Sincerely

A handwritten signature in cursive script that reads "Michael Lanzer".

Michael Lanzer
(Research Associate)

Dr. Michael Lanzer
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February 18th, 1993

Henry E. Chang
Search Alliance
7461 Beverly Boulevard
Suite 304
Los Angeles, CA 90036

Dear Mr. Chang,

As per our conversation of this morning, I have thoroughly reviewed the research proposal presented by Dr. Heimlich regarding the treatment and cure of AIDS patients with malariotherapy. After careful examination of the current literature and discussions with my colleagues, I have concluded that Search Alliance should in no way fund this or any similar proposals.

My objections to Dr. Heimlich's proposal are as follows:

1. Purposely infecting immunosuppressed individuals with virulent pathogens such as Plasmodium vivax is medically and ethically reprehensible. Secondary infections are a major cause of morbidity and mortality among AIDS patients, a recent tragic example being the death of Arthur Ashe from pneumonia.
2. Dr. Heimlich's claim that malariotherapy can cure Lyme disease, cancer and neurosyphilis lacks any scientific validity, and there are several reports of detrimental side effects as a result of this procedure. (Austin, S.A. et al. (1992) JAMA 268, 516-519). The United States Centers for Disease Control have in fact issued strong warnings against any use of malariotherapy (JAMA 1992 265, 317-318).
3. Dr. Heimlich has badly misrepresented the original data of Dr. Greenberg regarding the survival of HIV-infected children in Zaire. There was no beneficial effect on the survival rate of HIV infected children that could be attributed to concurrent malaria infection (Greenberg, A.E., et al. (1991) The New England Journal of Medicine 325, 105-109; Greenberg, A.E. et al. (1988) JAMA 259, 545-549; Nguyen-Dinh, P. et al. (1987) Bulletin of the WHO 65, 607-613).

4. Several cases of acute malaria have been reported to the United States Centers for Disease Control and Prevention in individuals returning from Mexico and Texas, where they had undergone malariotherapy for Lyme disease (MMWR 1991 40, 665-666; MMWR 1990 39, 873-875). This obviously indicates that these patients were severely mistreated.

Whereas I understand Search Alliance's willingness to consider alternative therapies for AIDS, I feel it is essential that we do not compound the suffering of HIV infected individuals with dangerous and deceptive procedures.

I trust that you will keep my name confidential. Thank you for the opportunity to participate in Search Alliance's effort to combat AIDS. I am willing to be of service to you in the future.

Sincerely



Michael Lanzer, Ph.D.
Research Associate