

JULY 21, 2016, Durban, South Africa

21st International AIDS Conference (AIDS 2016)

HEAL Alliance Scientific Advisory Board formed by Dr. Jack Whitescarver. HEAL Bond on Blockchain international project announced, Milestone #3.

In 2016, 1.2 million people will die from HIV/AIDS. Today, 3,200 people will die from HIV/AIDS. Everyone agrees that the HIV epidemic must be ended. Everyone agrees we need more funding.

The Mission and Collective Common Goal of HEAL Alliance is:

- Cure HIV. Eradicate HIV. End HIV.
- The Mission of HEAL Alliance is to collectively fund and find a cure for HIV faster and to ultimately eradicate HIV by treating & curing people living with HIV and ending transmission.
- The Collective Common Goal of HEAL Alliance is to engage and unite the global public health community and the international finance community to cure, eradicate and end HIV.
- HEAL Alliance is a global collective, cooperative, transparent, regulatory compliant, managed commons *on blockchain*.
- HEAL Alliance is open and inclusive. All are welcome to participate in delivery on mission.

PRINCIPLES: HEAL Alliance Scientific Advisory Board (SAB)

1. HEAL Alliance is a global non-profit commons for high impact in public health, with a focus on HIV cure and eradication in synergy with Cancer Immunotherapies.
2. All are welcome to participate in the mission of HEAL Alliance.
3. HEAL Alliance is collective, cooperative, 100% transparent, global and inclusive.
4. All data including transactions, use of funds, management, operational and cooperation data is published on HEAL Alliance blockchain.
5. Individual privacy will be respected according to Privacy Policy.
6. Any qualified Scientist may attend Scientific Advisory Board Meetings, by introductory invitation of two peers currently serving on SAB.
7. Meetings will be held online, four times per year, on the second Monday of each Quarter.
8. Any qualified Scientist may join the Scientific Advisory Board, by invitation of one peer and by subsequent endorsement by three peers.
9. Any qualified Principal Investigator (PI) or PI Team may apply for funding of projects across the HEAL Alliance Network. - see HEAL Alliance RfP
10. Any qualified Director and their respective Research and Development (R&D) Institution may apply for funding of an Immunotherapy Cure Center (ICC). - see HEAL Alliance RfP
11. Up to 50% of proceeds from HEAL Bond on Blockchain Series ABC is allocated to domestic spending in the HEAL Alliance sovereign member country
12. Up to 50% of proceeds from HEAL Bond on Blockchain Series ABC is allocated to spending in the HEAL Alliance Network of ICCs
13. Projects meeting HEAL Alliance criteria for opportunity, collaboration, cooperation, synergy, will be recommended to the SAB for approval voting process.
14. Systematic, virtual and collective management will be applied by HEAL Alliance to maximize the capability of the collective network of ICCs to achieve translational medicine, and more cures.

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15. The HEAL Alliance Community Advisory Board will serve in an advisory capacity to assist HEAL Alliance to prioritize, with the Steering committee, what projects come to approval process.
16. Approval of Project funding will be by recommendation to a vote by the International Scientific Working Group Steering Committee Members and the Directors.
17. Final approvals of Projects will be voted on by all members of the SAB. One member, one vote. Voting is mandatory. Individual SAB votes will be on public record. Voting may be done online.
18. SAB members failing to vote more than once per year shall be temporarily barred from voting for one year thereafter. HEAL Alliance participation services are free of charge, and open.
19. SAB membership and SAB participation, including quarterly voting on funding of projects (4 times per year) will be credited toward individual participation and contribution score.
20. Individual participation and contribution scores shall be public record and shall be considered in determination of long-term participation in licensing revenues.
21. Project funding approvals shall require a 60% positive vote by SAB members.
22. No “free riders” are allowed to effect the PRINCIPLES. In principle, no uncommon or special or exceptional considerations allowed to compromise the commons.
23. Additional PRINCIPLES may be added by by 60% consensus of the SAB members.
24. The specifics of PRINCIPLES may be amended by 60% consensus.
25. The basic PRINCIPLES remain, in principle, and may not be deleted.

Estimated Time Commitment: 1-2 hours/month. Reward: (i) \$500 per hour to HEAL Alliance approved R&D project of your choice in your name, plus (ii) HEAL Alliance individual participation credits TBD.

The HEAL Bond on Blockchain project (not an offer to invest).

Our common mission is to save billions of dollars, and millions of lives, from HIV/AIDS and Cancer, with industrial scale synergies in science, medicine, public health, technology and finance. HIV/AIDS and Cancer are closely related diseases. They both evade our immune system. They both cost billions of dollars every year. Sadly, we lose millions of lives to Cancer and HIV/AIDS.

For a better future, in memory of those we have lost, we engage in a common mission. Sixty-six (66) Billion dollars is spent every year on HIV/AIDS in our 37 advanced economies. More than two hundred (200) billion dollars is spent every year on treatments for Cancer.

We can discover safer, more effective and more affordable treatments for Cancer. We can end HIV and save 66 billion dollars a year for better healthcare for all. We can discover a cure for HIV, and a vaccine, faster, with industrial scale funding.

To save hundreds of billions, we will require billions in capital investment. The global bond market for debt capital investment exceeds one hundred (100) trillion dollars. All the investment capital we will ever need to deliver our mission is available, today. We simply need a new and improved financial model to compete for the cash.

The success of the 5 billion dollar Gavi “vaccine bond” has proven a workable model. HEAL Bond on Blockchain by HEAL Alliance will be the first Smart Impact Bond in history. HEAL Alliance plans to fund a network of Immunotherapy Cure Centers for Cancer and HIV/AIDS, in a global collaborative network of Immunotherapy Cure Centers with participating institutions.

Our first Series M (mini-bond) is expected to be up to 300 million dollars. Our flagship Series ABC will be up to 22 billion dollars.

Important reference for journalists: [Glossary of Terms; HIV/AIDS Cure Research](#) by Project Inform

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HEAL Alliance. The mission of HEAL Alliance is to collectively fund and find the Cure for HIV faster and to Eradicate HIV, with Immunotherapy Cure Centers at participating institutions, in synergy with Cancer Immunotherapy. HEAL Alliance is collective, cooperative, transparent, global and inclusive. Strategic Mission Supporters include: HIV Cure Initiative et al. All are welcome to participate in the mission. HEAL Alliance is a not-for-profit, operating in USA and United Kingdom. healalliance.com

Dr. Jack Whitescarver has engaged as Chairman (pro bono) of HEAL Alliance. Dr. Jack Whitescarver recently retired as NIH Associate Director for AIDS Research and Director of the Office of AIDS Research, a component of the Office of the Director of NIH. He served in the OAR since its establishment in 1988, first as Deputy Director, and as Director from 2002 to 2015. He was the longest serving Director of the Office. The OAR under his leadership played a unique role in utilizing its authority to plan, budget, and coordinate the trans-NIH AIDS research program supported by all of the NIH Institutes and Centers. During his tenure, OAR launched innovative international and domestic initiatives, including projects to address HIV in minority communities. With Nobel Laureate Professor Francoise Barre-Sinoussi, he continues to serve as Co-Chair of the International AIDS Society (IAS) *Towards an HIV Cure* initiative Advisory Board and as a founding member of the HIV Cure Public-Private Partnership Initiative Governing Board. He was awarded the first IAS Presidential Award for his “outstanding commitment to the global fight against HIV and his pioneering work in the field.

Quotes: (from January 21, 2016 Press Releases, Davos, Switzerland and April 20, 2016 Press Release, in London)

Dr. Jack Whitescarver *“HIV/AIDS research has accomplished much because of a coordinated effort domestically and internationally. Scientists have discovered and tested several products that have proved effective in the treatment of HIV infection. The current drugs are so effective that a person newly infected and treated can expect a near normal lifespan. In addition, research has identified regimens that if adhered to can virtually eliminate transmission of HIV. However, the incidence of HIV in this country and around the world continue at about the same rate despite these important tools. Those on therapy get into trouble if they do not adhere rigidly to taking their medication. Also, and what is so important now, we do not know the effects of long term therapy. Research has shown that despite the undetectable viral count in the blood, inflammation caused by the HIV infection continues and thus will lead to an earlier onset of chronic diseases such as diabetes, cardiovascular disease and even cancer. The success story of HIV/AIDS research has caused most funding agencies to begin shifting priorities and research support to other major public health problems. In most cases, funding for AIDS research is flat or even reduced. These budgetary facts come at a time when the scientific opportunities for finding a cure have never been higher and the need greater. We must look for other sources of research support to find a cure and a preventive vaccine.”*

Erik H. Iverson *“More than thirty years into the global HIV pandemic, scientific and clinical research has brought us to the point that the diligent search for a cure, or long term remission, is a goal we must pursue. Now is the time to work collectively and aggressively, from government to industry to academia, to pool knowledge and resources in order to reach this goal. I’m heartened to see extraordinary cross-sector collaborations, representing a paradigm shift in global R&D efforts. But to find an HIV cure, significant new funding is needed. The HEAL Alliance utilization of industrial scale blockchain technology is poised to be the game changer - not just for novel approaches to public/private financing, but to raise the critical resources necessary to finally find a cure for HIV.”* [HIV Cure Initiative](#)

Jerome Zack, Ph.D. *“The scientific and medical communities have made great strides towards treatment of HIV disease/AIDS, yet to date there is no cure. New technologies and approaches show*

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great promise towards the elimination of the AIDS virus, however significant resources are needed to further explore these approaches in our laboratories and clinics. The HEAL Alliance, through its HIV Cure Centers, will bring together the world's experts on HIV disease to rapidly develop and test these new approaches with the ultimate goal of an efficacious and affordable HIV cure. This may take some time, however success would be well worth the effort for our and subsequent generations."

[Satya Dandekar, Ph.D.](#) *"HIV/AIDS continues its devastating impact on human health worldwide. HEAL Alliance, through HIV Cure Centers, will engage public and private partners to stimulate research innovation and develop disruptive technologies to cure HIV."*

[Guido Silvestri, MD](#) *"The HEAL alliance is poised to rapidly become a major player in the field of HIV/AIDS cure research, and we believe that the emphasis on the appropriate use of state-of-the-art models is a tremendous asset for this program. We are all very excited to be part of this new and very promising initiative."*

Contact

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HEAL Alliance is a not-for-profit company operating in California, USA, and in London, UK.