

## amfAR Institute for HIV Cure Research



### **Credit**

Chris Goodfellow, Gladstone

amfAR Institute for HIV Cure Research leaders (L-R) Steve Deeks, Satish Pillai, Mike McCune, Paul Volberding, Rowena Johnston, and Warner Greene

The amfAR Institute for HIV Cure Research is an innovative, collaborative enterprise based at the ARI. Its aim is to develop the scientific basis of a cure for HIV by the end of 2020. Development of a functional cure would mean that individuals infected with HIV would no longer need lifelong drug treatment to hold the virus in check. As the administrative home of the amfAR Institute, the ARI will coordinate scientific efforts in this final battle against HIV.

The Institute supports teams of scientists, all experts in the field of HIV cure research, working across the research continuum—from basic science to clinical studies—and taps into UCSF's expansive research network. The Gladstone Institute of Virology and Immunology, Blood Systems Research Institute, Oregon Health and Science University and Gilead Sciences are key partners. The Institute enables teams of researchers to work across institutions and disciplines to address four key challenges to effecting a cure: pinpoint the precise locations of latent reservoirs of the virus; determine how they are formed and persist; quantify the amount of virus in them; and finally, eradicate the reservoirs from the body.

Leading the research efforts are **Paul Volberding, MD** <sup>[1]</sup>, director of the UCSF AIDS Research Institute; **Warner Greene, MD, PhD** <sup>[2]</sup>, director, Gladstone Institute of Virology and Immunology; **Satish Pillai, PhD** <sup>[3]</sup>, associate investigator, Blood Systems Research Institute; **Steven Deeks, MD** <sup>[4]</sup>, professor of medicine, UCSF; **Peter Hunt, MD** <sup>[5]</sup>, associate professor of medicine in the UCSF HIV/AIDS Division; and **Teri Liegler, PhD** <sup>[6]</sup>, director of the Virology Core Laboratory at UCSF. They will work in collaboration with **Afam Okoye, PhD** <sup>[7]</sup>, staff scientist at Oregon Health & Science University.

UCSF Magazine detailed the work of our cure researchers in their 2016 issue. Read about our Countdown to a Cure <sup>[8]</sup>.

**amfAR Institute for HIV Cure Research in the news:**

- The New York Times [9]: An Opening in the War Against AIDS
- CBS News [10]: How close are we to a cure for HIV/AIDS?
- Everyday Health [11]: Designing an HIV Cure with Kenneth Cole and amfAR
- SF Business Times [12]: 'Dream team' of HIV researchers in S.F. win \$20M to seek a cure
- San Jose Mercury News [13]: Curing AIDS: New San Francisco-based Institute gets \$20 million
- Edge Media Network [14]: amfAR's New HIV Cure Research Institute Targets 2020 for Basis of Cure
- Medical News Today [15]: amfAR establishes San Francisco-based Institute for HIV Cure Research
- Pittsburgh Post-Gazette [16]: World AIDS Day activities planned in Pittsburgh
- About.com: [17] Top 20 HIV Charities of 2015
- ABC San Francisco [18]: UCSF Given \$20 Million Grant to Find Cure for AIDS
- Pink News [19]: We will find scientific basis for HIV cure by 2020, scientists say
- KQED Science [20]: A Cure for AIDS: Scientists Say It's ?On the Horizon?
- Medical Xpress [21]: How an approach called 'shock and kill' could cure HIV
- Fox San Francisco [22]: CEO of amfAR Kevin Robert Frost talks about progress fighting HIV ahead of World AIDS Day
- SF Examiner [23]: New \$100 million SF institute bolsters effort to cure HIV
- Joe My God [24]: amfAR Unveils Launch of HIV Cure Institute: We Plan to Have the Scientific Basis for the Cure by 2020
- Chronicle of Philanthropy [25]: Live Giving Tuesday Coverage?An AIDS Charity Makes a Big Bet
- Philanthropy News Digest [26]: amfAR Launches Institute for HIV Cure Research
- Dallas Voice [27]: amfAR announces new institute devoted to finding a cure for HIV
- SCRIP Intelligence [28]: amfAR Funds \$20m Institute for HIV Cures; Gilead To Collaborate
- San Francisco Bay Times [29]: \$20 Million Grant to Create New amfAR Institute for HIV Cure Research
- HIV Plus Magazine [30]: The HIV Year in Review
- BioPharma Dive [31]: Inside the bold new fight for an HIV cure: An exclusive interview with amfAR CEO Kevin Robert Frost
- BioCentury [32]: amfAR establishes HIV institute at UCSF
- Bay Area Reporter [33]: SF plan to end HIV shows progress
- Fox San Francisco [22]: Interview - CEO of amfAR Kevin Robert Frost talks about progress fighting HIV ahead of World AIDS Day
- ABC San Francisco [18]: UCSF given \$20 million grant to find cure for AIDS

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#### Links

- [1] <http://profiles.ucsf.edu/paul.volberding>
- [2] <http://profiles.ucsf.edu/warner.greene>
- [3] <http://profiles.ucsf.edu/satish.pillai>
- [4] <http://profiles.ucsf.edu/steven.deeks>

- [5] <http://profiles.ucsf.edu/peter.hunt>
- [6] <http://profiles.ucsf.edu/teri.liegler>
- [7] <http://www.ohsu.edu/xd/research/centers-institutes/onprc/scientific-discovery/scientists/afam-okoye.cfm>
- [8] [https://ari.ucsf.edu/sites/ari.ucsf.edu/files/UCSF\\_Mag\\_AIDS.pdf](https://ari.ucsf.edu/sites/ari.ucsf.edu/files/UCSF_Mag_AIDS.pdf)
- [9] <http://www.nytimes.com/2015/12/02/opinion/an-opening-in-the-war-against-aids.html>
- [10] <http://www.cbsnews.com/news/how-close-are-we-to-a-cure-for-hiv-aids/>
- [11] <http://www.everydayhealth.com/news/designing-hiv-cure-with-kenneth-cole-amfar/>
- [12] <http://www.bizjournals.com/sanfrancisco/blog/biotech/2015/11/hiv-aids-cure-ucsf-amfar-vaccine.html>
- [13] [http://www.mercurynews.com/science/ci\\_29184865/curing-aids-new-san-francisco-based-institute-gets](http://www.mercurynews.com/science/ci_29184865/curing-aids-new-san-francisco-based-institute-gets)
- [14] [http://www.edgecleveland.com/news/aids/news/190043/amfar's\\_new\\_hiv\\_cure\\_research\\_institute\\_targets\\_2020\\_for](http://www.edgecleveland.com/news/aids/news/190043/amfar's_new_hiv_cure_research_institute_targets_2020_for)
- [15] <http://www.medicalnewstoday.com/releases/303392.php>
- [16] <http://www.post-gazette.com/news/health/2015/12/01/World-AIDS-Day-activities-planned-in-Pittsburgh/stories/201512010019>
- [17] <http://aids.about.com/od/advocatelinks/a/Top-20-Hiv-Aids-Charities.htm>
- [18] [http://abc7news.com/health/ucsf-given-\\$20-million-grant-to-find-cure-for-aids-/1104541/](http://abc7news.com/health/ucsf-given-$20-million-grant-to-find-cure-for-aids-/1104541/)
- [19] <https://www.pinknews.co.uk/2015/12/01/we-will-find-scientific-basis-for-hiv-cure-by-2020-scientists-say/>
- [20] <http://ww2.kqed.org/futureofyou/2015/11/30/a-cure-for-aids-scientists-say-its-on-the-horizon/>
- [21] <http://medicalxpress.com/news/2015-12-approach-hiv.html>
- [22] <http://www.ktvu.com/news/54935067-video>
- [23] <http://www.sfoxaminer.com/sf-doctors-seek-to-cure-hiv/>
- [24] <http://www.joemygod.com/2015/11/30/amfar-unveils-launch-of-hiv-cure-institute-we-plan-have-to-have-the-basis-for-the-cure-by-2020/>
- [25] <https://philanthropy.com/article/Live-Giving-Tuesday-Coverage/234402>
- [26] <http://philanthropynewsdigest.org/news/amfar-launches-institute-for-hiv-cure-research>
- [27] <http://lgbtweekly.com/2015/11/30/amfar-establishes-san-francisco-based-institute-for-hiv-cure-research/>
- [28] <http://www.scripintelligence.com/business/amfAR-Funds-20m-Institute-For-HIV-Cures-Gilead-To-Collaborate-361817>
- [29] <http://sfbaytimes.com/in-the-news-dec-3-2015/>
- [30] <http://www.hivplusmag.com/print-issue/2015/11/30/hiv-year-review>
- [31] <http://www.biopharmadive.com/news/inside-the-bold-new-fight-for-an-hiv-cure-an-exclusive-interview-with-amfa/410291/>
- [32] <http://www.biocentury.com/dailynews/clinical/2015-11-30/amfar-establishes-hiv-institute-at-ucsf>
- [33] <http://www.ebar.com/news/article.php?sec=news&article=71107>