



Duke CFAR eNewsletter - May 2016

HIV/AIDS in the News



[Tracking the Spread of HIV's Drug Resistance in NC](#)

April 22, 2016

Dr. Ann Dennis (left) and Dr. Lance Okeke (right) are tracking the spread of drug-resistant HIV with the help of the Duke/UNC CTSA Collaborative Pilot Program funding. Photo courtesy of UNC Photography.

[Sacramento State students pursue HIV research with federal grant](#)

May 9, 2016

The Sacramento Bee

Unique funding gives researchers resources to study HIV prevention.

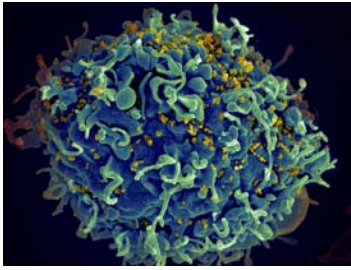


[Researchers find alternative pathways to HIV antibodies](#)

May 4, 2016

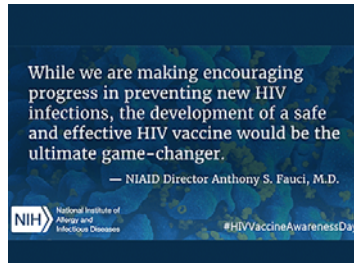
Medical Xpress

Researchers find alternative pathways to HIV antibodies.



[NIH STATEMENT ON HIV VACCINE AWARENESS DAY](#)

May 18, 2016
blog.aids.gov



Announcements

A new Duke HIV P01 entitled “Bridging Antibody Fc-mediated Antiviral Functions across Humans and Non-human Primates” Program, led by [Dr. Georgia Tomaras](#) (Departments of Surgery, Immunology and Molecular Genetics and Microbiology, Duke Human Vaccine Institute) joins together experts across five institutions in HIV vaccine development, immune response profiling, computational biology, and biophysical /structural analytics to identify immune correlates of protection for an HIV vaccine. Co-investigators at Duke include [Drs. M. Anthony Moody](#), [Guido Ferrari](#), and [Nathan Vandergriff](#). This program is funded by the NIH/NIAID at \$16.7M over five years.

[Dr. Georgia Tomaras](#) was selected to serve as the Chair of the AIDS Vaccine Research Subcommittee (AVRS) (2016-2019) for the National Institutes of Health (NIH) . The AIDS Vaccine Research Subcommittee (AVRS), formerly known as the AIDS Vaccine Research Working Group (AVRWG), assists the National Institutes of Health (NIH) in developing a comprehensive research program aimed at expediting the discovery and development of an HIV/AIDS vaccine. The members of the group provide advice regarding the vaccine research programs at NIH with respect to scientific opportunities, gaps in knowledge, and future directions of research. The AVRS makes recommendations to the director of NIAID and the Division of AIDS concerning key scientific questions in vaccine development, including new vaccine designs, efforts to understand the mechanisms of protection in

animal models, and potential new targets for vaccines.

Become a Duke CFAR Member

Publications citing Duke CFAR

Please remember to cite the Duke CFAR: P30 AI064518

New [Non-cigarette tobacco and poly-tobacco use among persons living with HIV drawn from a nationally representative sample.](#)

Pacek LR, Sweitzer MM, McClernon FJ.
Drug Alcohol Depend. 2016 May 1;162:251-5.

[History of AIDS in HIV-Infected Patients Is Associated With Higher In-Hospital Mortality Following Admission for Acute Myocardial Infarction and Stroke.](#)

Okeke NL, Hicks CB, McKellar MS, Fowler VG Jr, Federspiel JJ.
J Infect Dis. 2016 Mar 3.

New ["Wine you get every day, but a child you can't replace": The perceived impact of parental drinking on child outcomes in a South African township.](#)

Choi KW, Watt MH, Skinner D, Kalichman SC, Sikkema KJ.
J Child Adolesc Ment Health. 2015 Dec;27(3):173-87.

New [The Causes of HIV-Associated Cardiomyopathy: A Tale of Two Worlds.](#)

Lumsden RH, Bloomfield GS.
Biomed Res Int. 2016;2016:8196560

[HIV Risk Behavior Among Methamphetamine Users Entering Substance Abuse Treatment in Cape Town, South Africa.](#)

Meade CS, Lion RR, Cordero DM, Watt MH, Joska JA, Gouse H, Burnhams W.
AIDS Behav. 2016 Feb 12.

Evaluating mental health difficulties and associated outcomes among HIV-positive adolescents in Tanzania.

Dow DE, Turner EL, Shayo AM, Mmbaga B, Cunningham CK, O'Donnell K.
AIDS Care. 2016 Feb 3:1-9.

Metabolic stress is a barrier to Epstein-Barr virus-mediated B-cell immortalization.

McFadden K, Hafez AY, Kishton R, Messinger JE, Nikitin PA, Rathmell JC,
Luftig MA.
Proc Natl Acad Sci U S A. 2016 Feb 9;113(6):E782-90.

New Novel Quantification of TDF adherence in HIV-hepatitis B co-infected patients with incomplete HBV viral suppression.

Wong TC, Lan A, Kiser J, Anderson PL, Patel K, Tillman H, Naggie S.
Hepatology. 2016 Jan 21.

New Direct In Vivo Manipulation and Imaging of Calcium Transients in Neutrophils Identify a Critical Role for Leading-Edge Calcium Flux.

Beerman RW, Matty MA, Au GG, Looger LL, Choudhury KR, Keller PJ, Tobin DM.
Cell Rep. 2015 Dec 15;13(10):2107-17.

New Postnatal Cytomegalovirus Infection and the Risk for Bronchopulmonary Dysplasia.

Kelly MS, Benjamin DK, Puopolo KM, Laughon MM, Clark RH, Mukhopadhyay S, Benjamin DK Jr, Smith PB, Permar SR.
JAMA Pediatr. 2015 Dec;169(12):e153785.

[New Balancing Contamination and Referral Bias in a Randomized Clinical Trial: An Application of Pseudo-Cluster Randomization.](#)

Pence BW, Gaynes BN, Thielman NM, Heine A, Mugavero MJ, Turner EL, Quinlivan EB.

Am J Epidemiol. 2015 Dec 15;182(12):1039-46.

Full List of Duke CFAR Publications

Upcoming Events



[CFAR Chalk Talk](#)

Tuesday, June 14, 2016

001 MSRB I



[CFAR Fall Scientific Retreat](#)

Wednesday, September 14, 2016

Great Hall, Trent Semans Center

All Upcoming Events

Funding Opportunities

Ending soon

[PrEP Implementation Science Admin Supplements: New, time-limited call](#)

Due Date: June 15, 2016

USAID Integrating Community Health (see [here](#)) Duke Internal Deadlines: May 31, October 31, 2016

Department of Commerce Regional Innovation Strategies

Program (see [here](#)) Deadline: June 24, 2016

NSF Faculty Early Career Development Program (see [here](#)) Deadline: July 20-22, 2016

NSF Partnerships for Innovation: Accelerating Innovation Research-Technology Translation (see [here](#)) LOI Deadlines: Sep. 8, 2016; Mar. 1, 2017

All Current Funding

If you have content for the Duke CFAR eNewsletter, please send it by the first of the month to kelly.plonk@duke.edu to have it published in the next eNewsletter.



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