



Infectious Diseases Division Newsletter

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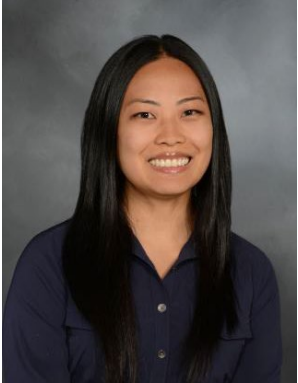
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Awards and Honors

Catherine Cai received a shout out from a patient.



Here is what a patient wrote:

Dr. Cai is so knowledgeable and
always professional—
She's a real credit to your
department."



Congratulations to **Lish Ndhlovu**, who was elected
to the Association of American Physicians (AAP).



Awards and Honors



Sharan Yadav received a special shout out from the CSS team and the Pharmacy team.

Here is what a colleague wrote:

“It was truly inspiring for me to witness Dr. Yadav's unwavering commitment and exceptional patient care in this special case. A heartfelt shout-out to Dr. Yadav and the entire care team for their dedication!”



Grants



Congratulations to **Mike Satlin** and **Lars Westblade**, who received a grant from Melinta Therapeutics.



Congratulations to **Fiona Gispen**, who received a Dalio Center for Health Justice 2025 Research Grant.





Other News



Anna Apostolopoulou was the expert consultant for a Clinicopathological Conference (CPC) on headache that was revealed to be an *Aspergillus* brain abscess, at WCM Medical Grand Rounds on 3/19/2025.



Cathy Small presented a poster, entitled: “Immune response and safety of the AS01-adjuvanted RSV prefusion F protein vaccine (adjuvanted RSVPreF3) in immunocompromised adults: Evaluating one vs two doses in lung and kidney transplant recipients, and compared to non-immunocompromised adults”, at the RSV Symposium held in Brazil .



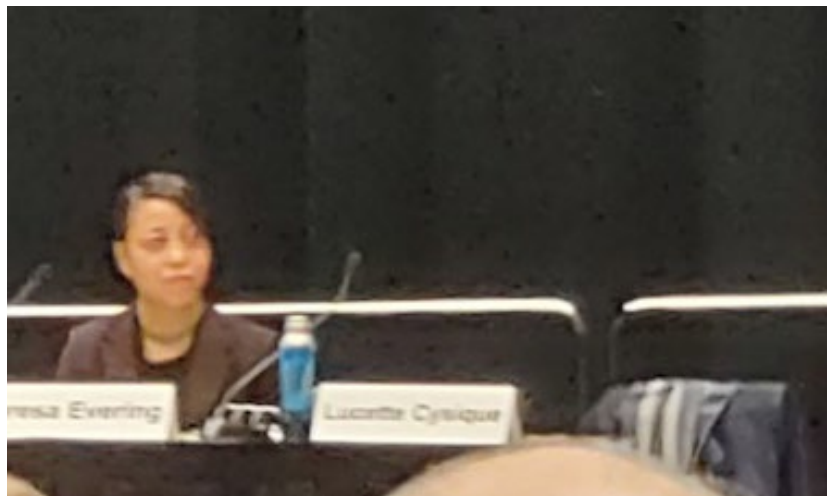
Other News



The I.D. Division had a major presence at this year's CROI conference, March 9 – March 12.

ORAL SESSIONS

Teresa Evering was the *Co-Moderator* for the Oral Abstract Session-09: Viruses Always On My Mind: Viral Neuropathogenesis from Acute HIV to SARS-CoV-2.



Lish Ndhlovu presented at the Scott M. Hammer Workshop for New Investigators and Trainees (CROI preliminary program, on “Immunology: State of the Arts”). ([Link](#))



Other News



ORAL ABSTRACTS

Trends in Hepatitis C Virus (HCV) Infection Incidence Among PWH Engaged in Care in the US: 1995-2023

Authors: **Yotam Arens**, Laura Bamford, Edward Cachay, L. Sarah Mixson, Joseph A. Delaney, Mari Kitahata, Claire Farel, George Yendewa, Kenneth Mayer, Richard Moore, April C. Pettit, Robert Gross





Other News



ORAL ABSTRACTS (Cont'd)

Epigenetic Age Predictors of Semaglutide-Related Liver Fat Changes in People With HIV.

Authors: **Michael J. Corley, Alina Pang**, Doug Kitch, Amy Kantor, Fred R. Sattler, Pablo Belaunzarán-Zamudio, Todd Brown, Alan Landay, Kristine M. Erlandson, Jordan E. Lake





Other News



ORAL ABSTRACTS (Cont'd)

Highly Durable Seroprotection With HepB-CpG Vaccine in People With HIV (PWH): ACTG A5379 (BEeHIVe)

Authors: **Kristen Marks**, Minhee Kang, Triin Umbleja, Andrea Cox, Anchalee Avihingsanon, Patcharaphan Sugandhavesa, Leolin Katsidzira, Josphat Kosgei, Hugo Perazzo, Jennifer Price, Stephanie R. Caruso, Kevin Knowles, Beverly Alston-Smith, Parita Rathod, Kenneth E. Sherman





Other News



ORAL ABSTRACTS (Cont'd)

DOLPHIN Moms: Pharmacokinetics of dolutegravir and HIV suppression with 1HP or 3HP for TB prevention in pregnancy.

Authors: **Jyoti Mathad**, Sylvia LaCourse, Belen P. Solans, Jayajothi Moodley, Vaneshree Govender, Tumelo Moloantoa, Marije Van Schalkwyk, Ethel Weld, Letha Varughese, Kelly E. Dooley, Amita Gupta, Radojka M. Savic, Gavin Churchyard, Richard E. Chaisson





Other News



ORAL ABSTRACTS (Cont'd)

Immunologic Impact of Short-Term BCL2 Inhibition at ART Initiation on SIV-Infected Rhesus

Authors: Tomas Raul Wiche Salinas, Justin Harper, Kevin Nguyen, James Auger, Hannah Flores, Laurence Raymond Marchand, Greg Laird, Gregory K. Tharp, Steven Bosinger, Andrew D. **Badley**, **R. Brad Jones**, Guido Silvestri, Deanna Kulpa, Mirko Paiardini Macaques





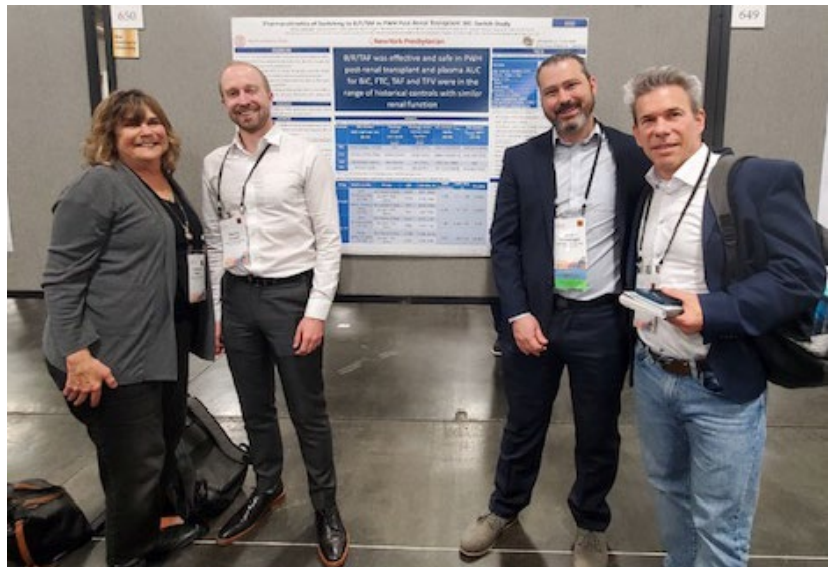
Other News



POSTERS

Pharmacokinetics of Switching to B/F/TAF in PWH Post-Renal Transplant: BIK Switch Study

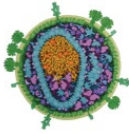
Authors: Corwin Coppinger, **Stanley Cooper**, **Britta Witting**, Ryan P. Coyle, Alexandra Dunbar, Lucas Ellison, Lane R. Bushman, Kristina M. Brooks, Peter L. Anderson, **Catherine B. Small**



EZH2 inhibition mitigates HIV Immune evasion, reduces reservoir formation, and promotes skewing of CD8+ T cells towards less differentiated, exhausted phenotypes – Authors: **Andrea Gramatica**, **Itzayana G. Miller**, **Adam R. Ward**, Farzana Khan, Tyler J. Kemmer, Jared Weiler, Tan Thinh Huynh, Paul Zumbo, Andrew P. Kurland, Louise Leyre, Colin M. Kovacs, Doron Betel, Jeffrey Johnson, **Ali Danesh**, **R. Brad Jones**



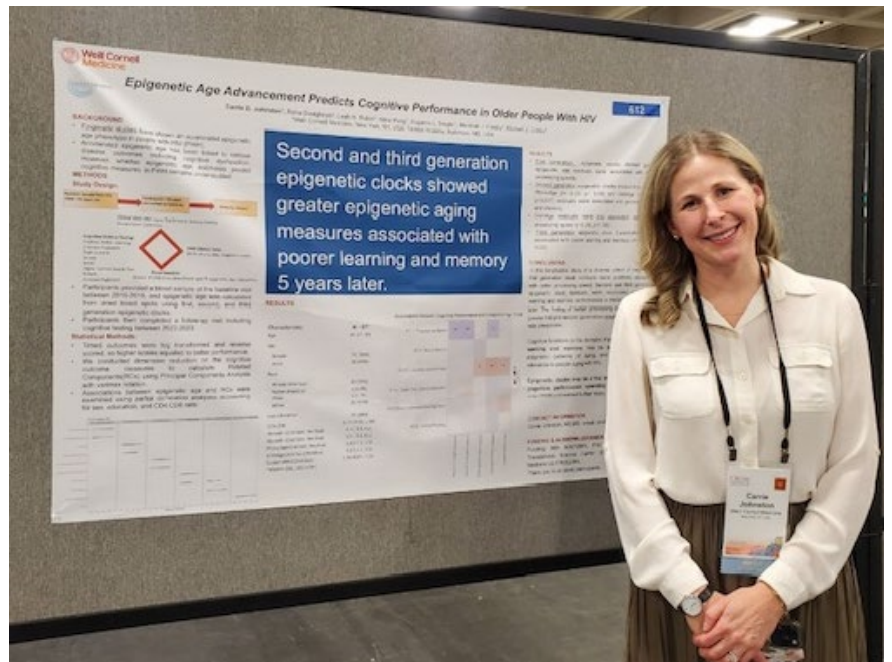
Other News



CROI
Conference on Retroviruses
and Opportunistic Infections

POSTERS (Cont'd)

Epigenetic Age Advancement Predicts Cognitive Performance in Older People with HIV
Authors: **Johnston, CD.** Dastgheyb, R., Rubin, L.H., Pang, A., Siegler, EL., **Glesby MJ.,** Corley, M.





Other News



POSTERS (Cont'd)

HIV Infection and Long COVID: A RECOVER Program, EHR-Based Cohort Study
Author: Kellie L. Hawkins, Dima Dandachi, Colby Lewis, M. Daniel Brannock, Zoe Verzani, Saajjad Abedian, Sohrab Jaferian, Shannon Wuller, Jennifer Truong, Margot Gage Witvliet, **Kristen Marks**, Edward M. Gardner, Ighoverha Ofotokun, **Roy M. Gulick**, Kristine M. Erlandson

Reservoir-Harboring T-Cell Clones Have a Cytotoxic Immunophenotype That May Affect HIV Inducibility
Authors: **Alberto Herrera**, **Isabella A. T. M. Ferreira**, Tan Thinh Huynh, Emily Stone, **Noemi L. Linden**, Cintia Bittar, **Marina Caskey**, Michel Nussenzweig, **R. Brad Jones**

CD8+ T Cells Shape the HIV Integration Site Landscape According to the Degree of T Cell Pressure
Authors: **Noemi Linden**, Alexander McFarland, **Ali Danesh**, Scott Sherrill-Mix, John Everett, Aoife Roche, Chanson Brumme, Zabrina Brumme, **Itzayana Miller**, Thinh Tan Huynh¹, Dennis Copertino¹, Emma Cook, Tianyu Lu, Frederic Bushman, **R. Brad Jones**



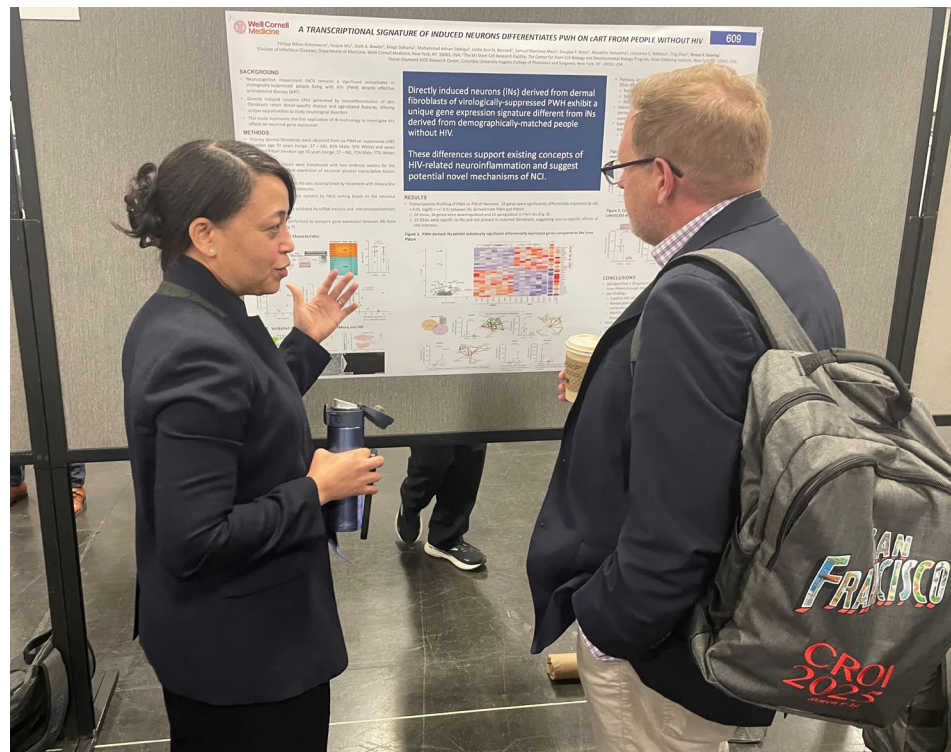
Other News



POSTERS (Cont'd)

A Transcriptional Signature of Induced Neurons Differentiates PWH on cART From People Without HIV

Authors: **Philipp N. Ostermann**, Youjun Wu, Scott A. Bowler, Mohammad Adnan Siddiqui, **Alberto Herrera**, Mega Sidharta, Kiran Ramnarine, **Samuel Martínez-Meza**, Leslie Ann St. Bernard, **Douglas F. Nixon**, **R. Brad Jones**, Masahiro Yamashita, **Lishomwa C. Ndhlovu**, Ting Zhou, **Teresa H. Evering**





Other News



POSTERS (Cont'd)

Latent HIV Clonal Dynamics: Integration Sites and Their Role in Maintenance of Latency In Vivo

Authors: Virender K. Pal, Frauke Mücksch, **Ali Danesh**, Marie Canis, Tan Thinh Huynh, Thomas R. Dilling, **Itzayana G. Miller**, Theodora Hatzioannou, **R. Brad Jones**, **Guinevere Lee**, Paul Bieniasz

HIV-1 Clade C Reservoir Traits in Blood and Lymph Node Tissue in Acute and Chronic Treated Infection

Authors: Kavidha Reddy, Chantal Molechan, **Guinevere Lee**, Tatenda Chikowore, Nicole Reddy¹, Krista Dong, Zaza Ndhlovu, Thumbi Ndung'u



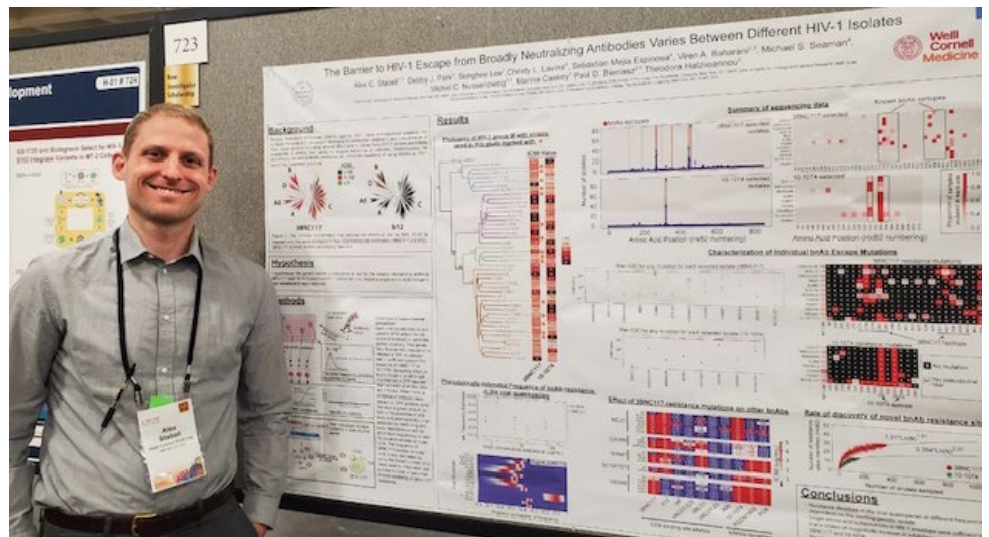
Other News



POSTERS (Cont'd)

The Barrier to Escape from Broadly Neutralizing Antibodies Varies Between Different HIV-1 Isolates

Authors: **Alex C. Stabell**, Debby J. Park, Christy L. Lavine, Sebastian Majia Espinosa, Viren A. Baharani, Songhee Lee, **Marina Caskey**, Michael S. Seaman, Michel C. Nussenzweig, Paul D. Bieniasz, Theodora Hatziioannou.



Investigating the Predictive Role of NLR and PLR in Cardiovascular and Neurologic Outcomes in PWH.

Authors: Jonathan N. Tobin, Ph.D., Yiqi Tian, M.S., Megha K. Arora, M.B.A., Takreem Ahmed, Mariam A. Siyanbola, Alondra M. Torres Gonz.lez, Kevin Fiscella, M.D., M.P.H., **Teresa H. Evering**, M.D., M.S.



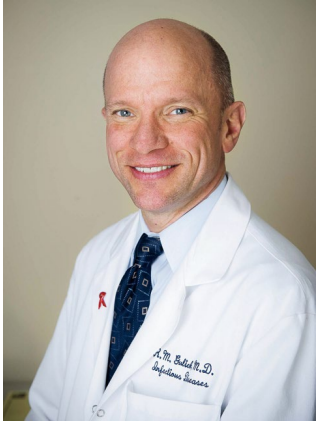
Other News

I.D. Faculty members attended the Stand Up for Science rally at Washington Square Park, on March 7, 2025.





Newsroom Updates



Trip Gulick was featured in the following:

[SELF Magazine](#): “How To Spot Measles Symptoms In Adults As Outbreaks Spread In The US”.

[The New York Times](#): “Do You Need Another Measles Shot?”

[The New York Times](#): “What To Know About Measles Cases In New York And New Jersey”.



Shashi Kapadia was featured in the NYP MD TopLine magazine; in the “Dalio Center for Health Justice at NYP” section.





Divisional Publications

- de Oliveira Mendes-Aguiar C, do Monte Alves M, de Albuquerque Lopes Machado A, de Góis Monteiro GR, Medeiros IM, Queiroz JW, Lima ID, Pearson RD, Wilson ME, **Glesby MJ**, do Nascimento ELT, Jerônimo SMB. T-cell activation, senescence, and exhaustion in asymptomatic HIV/Leishmania infantum co-infection. medRxiv [Preprint]. 2023 Mar 6:2023.03.06.23286828. doi: 10.1101/2023.03.06.23286828. PMID: 36945413; [PMCID: PMC10029033](#).
- **Gispen, F., Marks, K.M.** Update on Vaccination Recommendations for Adults with HIV. Curr HIV/AIDS Rep 22, 17 (2025). <https://doi.org/10.1007/s11904-025-00731-6>.
- **Martinez-Meza S, Premeaux TA, Cirigliano SM, Friday CM, Michael S, Mediouni S, Valente ST, Ndhlovu LC, Fine HA, Furler O'Brien RL, Nixon DF.** Antiretroviral drug therapy does not reduce neuroinflammation in an HIV-1 infection brain organoid model. J Neuroinflammation. 2025 Mar 5;22(1):66. doi: 10.1186/s12974-025-03375-w. PMID: 40045391; [PMCID: PMC11881274](#).
- **Murray HW.** Vaccines for International Travelers: Current Status and Recent Developments. Am J Med. 2025 Mar 12:S0002-9343(25)00158-5. doi: 10.1016/j.amjmed.2025.03.010. Epub ahead of print. [PMID: 40086773](#).





Important Dates



I.D. Faculty Meeting
12PM to 1PM
([Zoom Link](#))



Columbia/Cornell Center for AIDS Research (CFAR) Symposium on
“HIV and Cancer”
Featuring: Grant Ellsworth and Ayana Morales
<https://columbiacuimc.zoom.us/meeting/register/nkrkdETPRj-Xlzf6yIYN6A>
1PM to 2:30PM



Cornell/Columbia I.D. Case Conference
4PM



Cornell/Rutgers Health NeuroHIV Research Symposium
<https://rutgers.zoom.us/meeting/register/lrk5P1bPTNmywS86CXmGng>
9AM to 3PM



Dept. of Medicine COVID-19 Remembrance
(5pm-6pm) – Belfer 2
(6pm-8pm) – Reception Belfer Courtyard



Annual IDSNY Meeting at Columbia