



**Weill Cornell**  
**Medicine**

**November 2022**

# **Infectious Diseases**

## **Division Newsletter**

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## Awards and Honors



Congratulations to **Linnie Golightly**, who was named to the “Senior List” (WCM-NY Visiting Faculty) for teaching at Weill Cornell Medicine-Qatar.



Congratulations to **Alina Pang**, in the Ndhlovu Lab, who received the Young Investigator award to attend the HIV Persistence Workshop Meeting from the NIAID (National Institute of Allergy and Infectious Diseases). ([Link](#))



Congratulations to **Thomas Premeaux**, in the Ndhlovu Lab, who received a Young Investigator Award to attend CROI (Conference on Retroviruses and Opportunistic Infections) 2023. ([Link](#))



# Appointments and Transitions



Congratulations to **Andrea Gramatica**, in the Jones Lab, who was promoted to Assistant Professor of Immunology Research in Medicine, effective 10/1/2022.



Congratulations to **Travis Hartman**, in the Rhee Lab, who was promoted to Assistant Professor of Microbiology Research in Medicine



Congratulations to **Michael Henry**, who was promoted to Associate Professor of Clinical Medicine, effective 11/1/2022.



Farewell to **Paul Todd Smith**, who transitioned to Northwell Health. A farewell reception was held in his honor on 11/1/2022.





# Appointments and Transitions

I.D. fellow match results are in!

Our new fellows, starting 7/1/2023 will be:



**Travis Larsen**

**Medical School:** Keck  
School of Medicine of  
the University of  
Southern California  
**Residency:** USC/LA  
County



**Lucy Li**

**Medical School:** Case  
Western Reserve  
University School of  
Medicine  
**Residency:** Beth Israel  
Deaconess



**Sharan Yadav**

**Medical School:**  
Weill Cornell Medical  
College in Qatar  
**Residency:** NYP/Weill  
Cornell





# Appointments and Transitions

Congratulations to **Marisol Valentin**, who completed 20 years of dedicated service at WCM.





## Grants

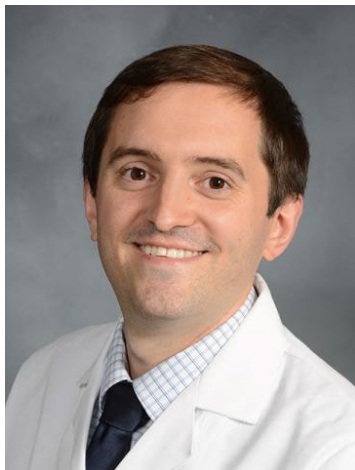


Congratulations to **Bruce Schackman**, who received an \$8.0M grant from the National Institute on Drug Abuse for a project entitled: "HEAL Data2Action Modeling and Economic Resource Center".





## Other News



Patient compliment for **Alexander Drelick**: “During my hospitalization at WC/NYP Hospital, Dr. Drelick was thorough, caring and dedicated. When I had a seemingly minor issue several months ago, he treated me with the same thoroughness, caring and dedication. He was never dismissive and treated me like a family.”



## Other News



On November 2<sup>nd</sup>, **Linnie Golightly** co-facilitated a symposium on Democratization and Decolonization of Tropical Medicine and Global Health at the 71st Annual Meeting of the American Society of Tropical Medicine and Hygiene (ASTMH).



**Trip Gulick** spoke at the first International Congress on updating HIV Care, Mexico City (webinar) on “HIV Treatment Advances”, on 11/30/2022.



On November 16-18, **Brad Jones** co-chaired the (International AIDS Society) IAS/AVAC Advocacy for Cure Academy in Durban.

On November 29<sup>th</sup>, he also gave a lecture at the annual GESIDA conference, the national Spanish HIV research organization. The session was entitled: “Resistance to CTL Killing in the HIV Reservoir”.



**Lish Ndhlovu** was featured in an AIDSmap article, entitled “We still have no HIV cure. But we have a better strategy for finding one”. ([Link](#))



# Sixth Annual Weill Department of Medicine Research Retreat

Organizers from I.D. Division

Marshall Glesby and Kyu Rhee

## Faculty Talks

**(Junior) Grace Maldarelli:** “Enteric Bacteria are Immune Reactive in Crohn’s Disease”



**(Senior) Laura Kirkman:** “From East Africa to the Eastern Seaboard: The Search for Novel Approaches to Combat Parasites of Human Red Blood Cells”

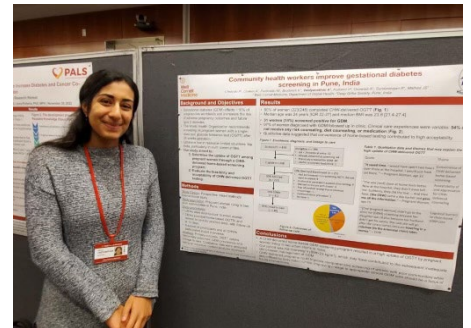




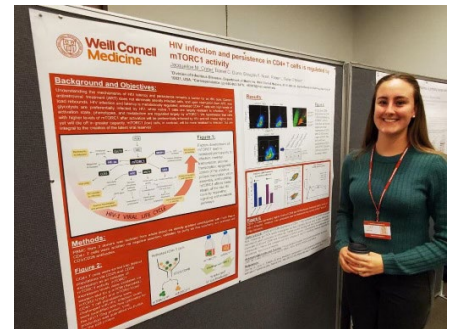
# Sixth Annual Weill Department of Medicine Research Retreat

## Abstracts

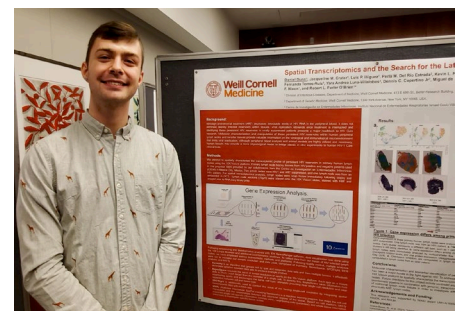
**Puja Chebrolu (Global Health):** A community health worker-led program to improve gestational diabetes screening in urban slums in Pune, India



**Jacqueline Crater (Nixon Lab):** HIV infection and persistence in CD4+ T cells is regulated by mTORC1 activity



**Daniel Dunn (Nixon Lab):** Spatial Transcriptomics and the Search for the Latent HIV-1 Cell Niche

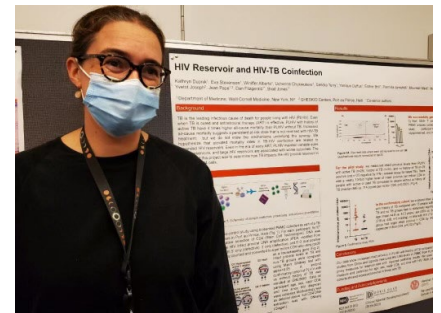




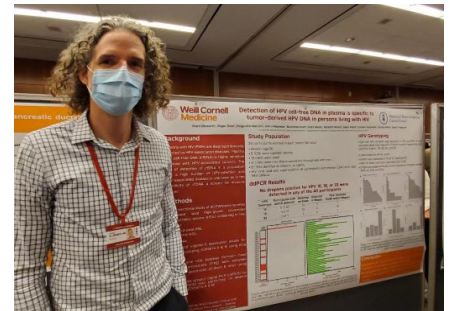
# Sixth Annual Weill Department of Medicine Research Retreat

## Abstracts (continued)

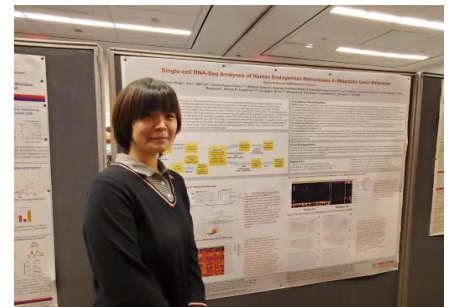
**Kathryn Dupnik:** HIV Reservoir and HIV-TB Coinfection



**Grant Ellsworth:** Detection of HPV cell-free DNA in plasma is specific to tumor-derived HPV DNA in persons living with HIV



**Tongyi Fei (Nixon Lab):** Single-cell analysis of human endogenous retrovirus reveals immune cell infiltration progression in uveal melanoma





# Sixth Annual Weill Department of Medicine Research Retreat

## Abstracts (continued)

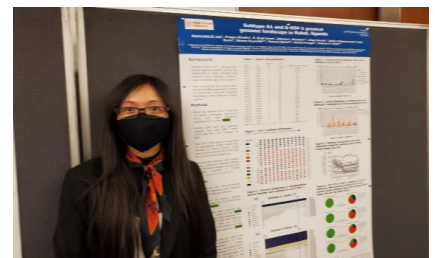
**Carrie Johnston:** Plasma Extracellular Vesicles and Cell-Free Mitochondrial DNA are Associated with Cognitive Dysfunction in Treated Older Adults with HIV



**Shashi Kapadia:** Disparities in Hepatitis C Treatment Uptake Among U.S. Medicaid Enrollees in 2018-9: Analysis of national administrative data



**Guinevere Lee:** Subtype A1 and D HIV-1 proviral genome landscape in Rakai, Uganda

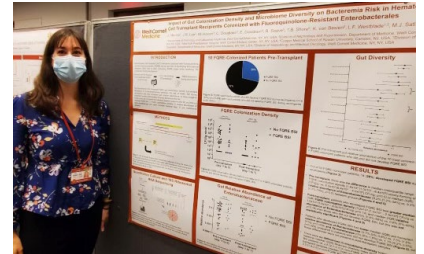




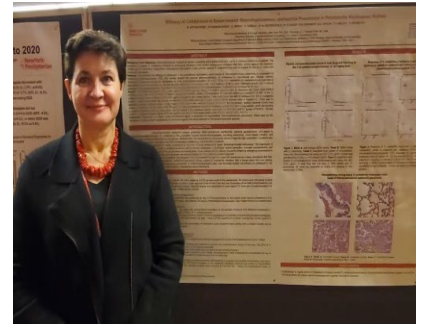
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## Abstracts (continued)

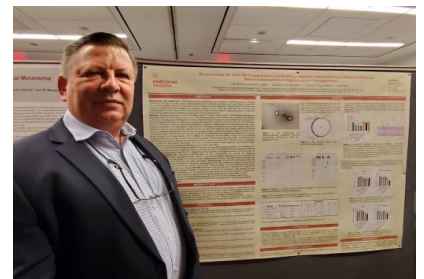
**Jamie Marino:** Impact of Gut Colonization Density and Microbiome Diversity on Bacteremia Risk in Hematopoietic Cell Transplant Recipients Colonized with Fluoroquinolone-Resistant Enterobacterales



**Ruta Petraitiene:** Efficacy of Cefiderocol in Experimental *Stenotrophomonas maltophilia* Pneumonia in Persistently Neutropenic Rabbits



**Vidmantas Petraitis:** Bacteriophage vB\_SmS-178 Targets Invasive and Multidrug-Resistant *Stenotrophomonas maltophilia* Strains and Restores Susceptibility to Polymyxins and Fluoroquinolones



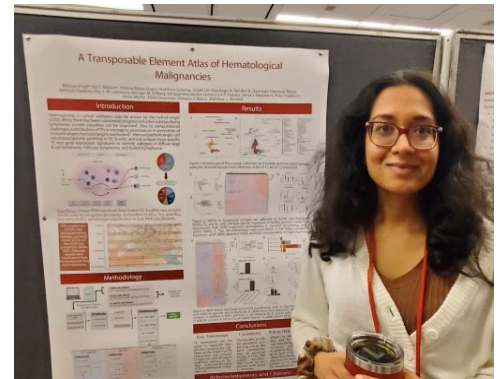


# Sixth Annual Weill Department of Medicine Research Retreat

## Abstracts (continued)

**Lindsey Rief (Global Health):** Community-based HIV Testing for Adolescents and Young Adults in Haiti: Long-term Retention and Provider Perspectives

**Bhavya Singh (Nixon Lab):** A Transposable Element Atlas of Hematological Malignancies





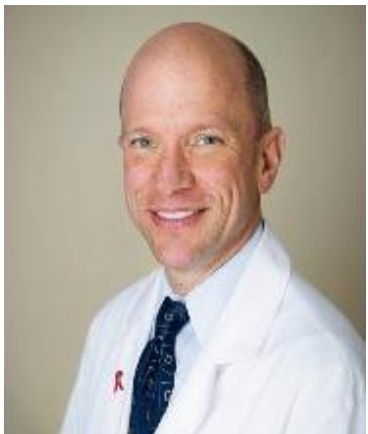
## Newsroom Updates



**Marshall Glesby** was featured in the following:

[KANSASCITY](#): “Monkeypox gets new name after ‘racist and stigmatizing language’”.

[POPULARSCIENCE](#) cited the WCM HIV cure patient as one of the 100 greatest innovations of 2022.



**Trip Gulick** was featured in the following:

[ACPINTERNIST](#): “Monkeypox: 5 key points”.

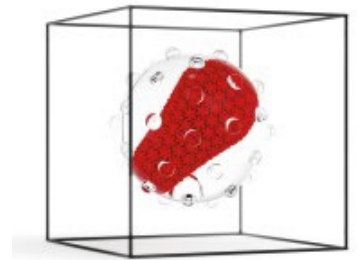
[CNBC](#): “Do new Covid ‘Scrabble’ variants make omicron boosters pointless?”

[STATNEWS](#): “U.S. set to face third Covid winter, this time without key tools and treatments”.

[TIME](#): “How to Stay Safe From COVID-19 During the 2022 Holiday Season”



# Newsroom Updates



Many I.D. faculty were mentioned in "The Search for a Cure" in Weill Cornell Medicine's new magazine, "**IMPACT**":



"There's no clear definition of when you can say someone has been cured, but it's looking very promising"  
- **Marshall Glesby**



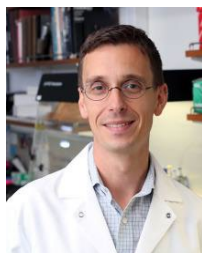
"If we were to know which particular cells drive the revival of the virus, then we would know where to go after them"- **Lish Ndhlovu**



"If we think about curing HIV, there are different ways we can do it. The best is to get rid of HIV entirely, but maybe an intermediate step is to squash it into submission"- **Doug Nixon**



**Matthew  
Bendall**



**Brad  
Jones**



**Tim  
Wilkin**

"Researchers with the HOPE Collaboratory are taking a multi-layered approach, with the primary objective of locking the dormant virus in place, leaving its DNA intact but trapped, like a bug under glass."



# Divisional Publications

- ❖ **Cooper SE, Rosenblatt J, Gulick RM.** Barriers to Uptake of Long-Acting Antiretroviral Products for Treatment and Prevention of Human Immunodeficiency Virus (HIV) in High-Income Countries. *Clin Infect Dis.* 2022 Nov 21;75(Supplement\_4):S541-S548. doi: 10.1093/cid/ciac716. [PMID: 36410385](#).
- ❖ Kong W, Montano M, **Corley MJ**, Helmy E, Kobayashi H, Kinisu M, Suryawanshi R, Luo X, Royer LA, Roan NR, Ott M, **Ndhlovu LC**, Greene WC. Neuropilin-1 Mediates SARS-CoV-2 Infection of Astrocytes in Brain Organoids, Inducing Inflammation Leading to Dysfunction and Death of Neurons. *mBio.* 2022 Oct 31:e0230822. doi: 10.1128/mbio.02308-22. Epub ahead of print. [PMID: 36314791](#).
- ❖ Naggie S, Boulware DR, Lindsell CJ, Stewart TG, Gentile N, Collins S, **McCarthy MW**, Jayaweera D, Castro M, Sulkowski M, McTigue K, Thiclin F, Felker GM, Ginde AA, Bramante CT, Slandzicki AJ, Gabriel A, Shah NS, Lenert LA, Dunsmore SE, Adam SJ, DeLong A, Hanna G, Remaly A, Wilder R, Wilson S, Shenkman E, Hernandez AF; Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV-6) Study Group and Investigators. Effect of Ivermectin vs Placebo on Time to Sustained Recovery in Outpatients With Mild to Moderate COVID-19: A Randomized Clinical Trial. *JAMA.* 2022 Oct 25;328(16):1595-1603. doi: 10.1001/jama.2022.18590. PMID: 36269852; [PMCID: PMC9587497](#).
- ❖ Prabhu M, Yang YJ, **Johnston CD**, Murphy EA, Ketas TJ, Diaz-Tapia R, Jurkiewicz M, Racine-Brzostek S, Mohammed I, Sukhu AC, Singh S, Forlenza K, Iyer S, Yee J, Eng D, **Marks K**, Zhao Z, Klasse PJ, Permar S, Moore JP, Riley LE. Longitudinal antibody response kinetics following SARS-CoV-2 messenger RNA vaccination in pregnant and nonpregnant persons. *Am J Obstet Gynecol MFM.* 2022 Nov 2;5(2):100796. doi: 10.1016/j.ajogmf.2022.100796. Epub ahead of print. PMID: 36334723; [PMCID: PMC9626404](#).
- ❖ **Torres HM, Ellsworth G**, Zucker J, **Glesby MJ**. Approaching monkeypox: a guide for clinicians. *Top Antivir Med.* 2022 Oct-Nov;30(4):575-581. PMID: 36375131; [PMCID: PMC9681140](#).





# Important Dates



I.D. Faculty Meeting  
8:30AM to 9:30AM

[Zoom Link](#)



2022 State of WCM Address  
Dean Augustine Choi  
Uris Auditorium

[Zoom link](#)

- I.D. Clinical Case Conference  
**Cancelled**



I.D. Division White Elephant  
Gift Exchange  
A-450 at 1PM to 2:30PM



**Christmas Day**  
WCM Holiday

