



Weill Cornell
Medicine

December 2022

Infectious Diseases

Division Newsletter

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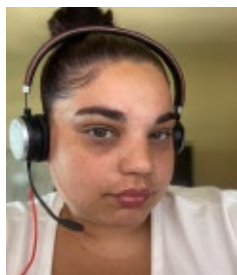
Awards and Honors



Congratulations to the following I.D. staff for being selected as STAR Performers in the Department of Medicine's Results, Rewards and Recognition Program, in 2022:



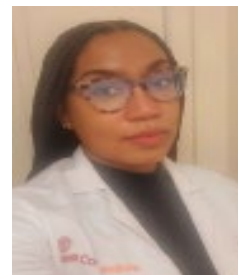
Melissa Beras
(I.D. Associates)



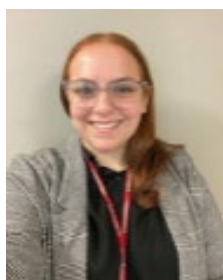
Jessica Del Valle
(I.D. Associates)



Tiffany Mishoe
(I.D. Associates)



Patrice Morand
(I.D. Associates)



Gianna Resso
(CTU)



Susan Rourke
(I.D. Associates)



Lori Di Toro
(Jacobs Practice)



Britta Witting
(CRU)

The Star Performer Program recognizes:

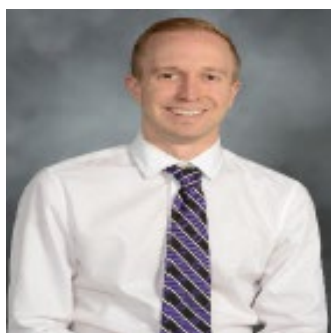
Service that is consistently exceptional,
Thoughtful, considerate treatment of others,
Actions that demonstrate extraordinary dedication and **Role**
models of excellence

Feel free to nominate an employee who exhibits STAR qualities here: ([Link](#))



Awards and Honors

Congratulations to **Evan Cooper**, **Eli Finkelsztejn**, **Johan Guillaume**, and **Grace Maldarelli** on passing their Infectious Diseases Board Exams.





Awards and Honors



On December 13th, Global Health, Infectious Diseases and the Dept. of Medicine held a reception for **Warren D. Johnson**, hosted by Dan Fitzgerald with remarks by Bill Pape, John Leonard and others, celebrating 60 years of service at Weill Cornell and Inaugurating the WD Johnson Scholars Program in his honor.

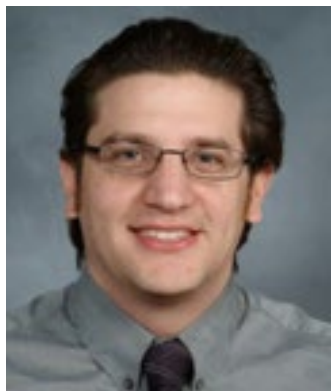


Congratulations to **Shashi Kapadia**, who has been named a 2022 Dalio Center for Health Justice Distinguished Fellow.





Awards and Honors



Congratulations to **Michael Satlin**, who was recognized by CHEERS FOR PEERS, a peer recognition program, for being a compassionate individual and brightening up the workplace.

Here is what a colleague wrote:

“I want to thank and acknowledge Mike for his support and kindness. He is easily one of the smartest but also most humble physicians I know. He is a great teacher and mentor to fellows, residents, and junior faculty and we are lucky to have him in our division.”



Awards and Honors



Congratulations to **Harjot Singh**, who was accepted from a highly competitive applicant pool to join LEAD (The Leadership Education and Development) Academy.

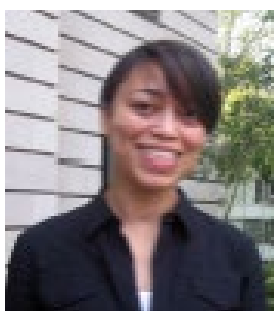




Appointments and Transitions



Congratulations to **Marina Caskey**, who was promoted to Adjunct Professor of Medicine, effective December 2022.



Congratulations to **Teresa Evering**, who was elected to serve as an investigator on the NIH AIDS Clinical Trials Group (ACTG) Comorbidities Transformative Science Group (CTSG). This will be for a two-year term, effective December 2022.

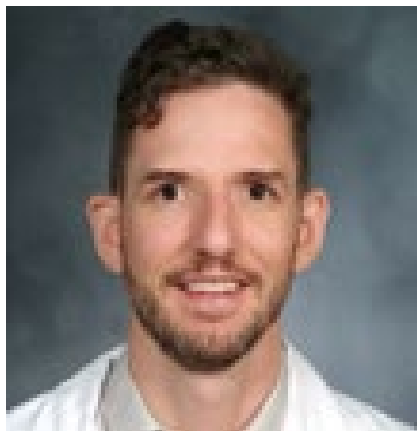


Congratulations to **Thomas Premeaux**, who was appointed to Instructor of Immunology and Infectious Diseases in Medicine, effective December 2022.





Other News



Patient compliment for **Grant Ellsworth**: “He’s probably one the best doctors I met in my life. He’s empathetic and actually listens. The visits don’t feel like they’re rushed, in order to get to the next patient. Overall great doctor and person.”



Other News



The 10th International Workshop on HIV Persistence during Therapy Reservoirs and Eradication Strategies Workshop was held on December 13-16, 2022. This meeting served as the joint meeting of the Martin Delaney Collaboratories for HIV Cure Research for 2023. Drs. **Brad Jones** and **Marina Caskey** and other physicians nationwide were on the program committee.

10.30
12.00

SESSION 8: ANTIBODY & IMMUNE BASED THERAPIES

Chairs: Marina Caskey, Weill Cornell Medical College, New York, (USA) and Michael Farzan, Professor and co-chair of the Department of Immunology and Microbiology on the Florida campus of The Scripps Research Institute, FL, (USA) San Diego, (USA)

► **OP 8.1: Broadly Neutralizing Antibodies for HIV Prevention, Therapy and Cure: 3BNC117 & 10-1074 Studies**
Lecturer: Marina Caskey, Weill Cornell Medical College, New York, (USA)

02.00
02.20

REACH

Moderator: Brad Jones, Weill Cornell Medicine

RF1: Interpreting on-ART proviral diversity in context of HIV's within-host evolutionary history enriches our understanding of reservoir dynamics
Zabrina Brumme, Simon Fraser University

RF2: Updates on bNAbs Cure Studies and Implications for Future Studies
Marina Caskey, The Rockefeller University

RF3: Resistance to Cytotoxicity in HIV-infected CD4 Cells
Brad Jones, Weill Cornell Medicine

Tissues: A story of survival: characterizing HIV-infected macrophages that resist NK cell-mediated killing
Kiera Clayton, University of Massachusetts Medical School

FLORIDA
MIAMI USA
www.hiv-persistence.com



10TH EDITION

DECEMBER 13-16, 2022

HIV PERSISTENCE DURING THERAPY

Reservoirs & Eradication Strategies Workshop



Other News

The following were presented at the HIV Persistence 2022 Meeting from the Jones and Lee labs:

HIV Persistence during Therapy Workshop 2022:

Title	Presenting Author	Senior Author	Type
The EZH2 inhibitor Tazemetostat increases MHC I antigen presentation in vitro and in vivo, enhancing antiviral activities of HIV-specific CTLs	Andrea Gramatica	Brad Jones	Oral
Cohort-specific adaptation of the Intact Proviral DNA Assay (IPDA) to HIV-1 subtypes A1, D, and recombinants	Sarah Gowanlock	Guinevere Lee	Oral
The latency reversing agent HODHBt synergizes with IL-15 to enhance cytotoxic function of HIV-specific CD8+ T-cells	Dennis Copertino	Brad Jones	Oral
NO ASSOCIATIONS BETWEEN MAGNITUDES OF HIV-SPECIFIC CTL RESPONSES ON STABLE ART AND SUBSEQUENT DECAY OF INTACT PROVIRUSES OR CELL-ASSOCIATED HIV mRNA	Adam Ward	Brad Jones	Oral
DISTINCT HIV-1 RESISTANCE PROFILES AGAINST BNAB IN INTACT VS DEFECTIVE VIRAL GENOMES	Guinevere Lee	Guinevere Lee	Poster
Investigating the Role of Naïve CD4+ T-cells as a CTL Resistant Sanctuary for Intact HIV Proviruses	Jared Weiler	Brad Jones	Poster
Distinctive cytoskeletal properties are implicated in the resistance of a fraction of productively HIV-infected CD4+ T-cells to killing by cytotoxic T lymphocytes (CTL)	Louise Leyre	Brad Jones	Poster



Other News



The Infectious Diseases Division hosted a housewarming party at the Stitch Building, our new outpatient space for I.D. Associates and Travel Medicine.





Other News

Here are some photos from the 2nd year medical student I.D. course escape room (Course Directors: **Kristen Marks** and **Harjot Singh**):





Other News

Here are some photos of holiday parties attended by members of the I.D. Division:



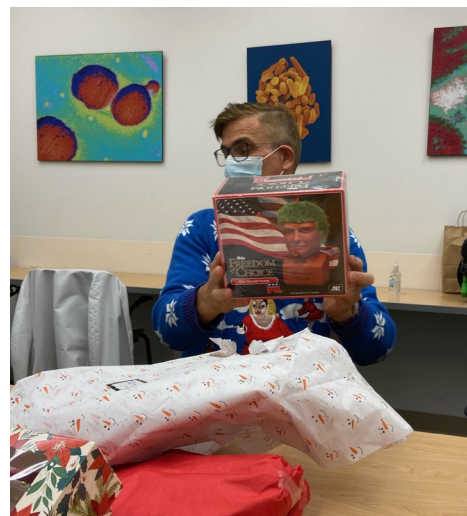
WCM Medicine Holiday Party



CCTU Holiday Party



I.D. Division White Elephant Gift Exchange





Newsroom Updates



Marshall Glesby was featured in the following:

[Crain's New York Business](#): “Weill Cornell Gets \$8M To Study Possible Emphysema Treatment Among HIV Patients”. (co-Principal Investigator)

[PHARMACY TIMES](#): “NIH Awards \$7.8 Million for Antibiotic Study of Patients With Emphysema, HIV”

[WCM NEWSROOM](#): “NIH Grant Funds Antibiotic Trial for Patients with HIV and Emphysema”.



Trip Gulick was featured in the following:

[ABC7 New York](#): “Healthy For The Holidays”.

[BLOOMBERG](#): “Status Of The Holiday 'Tripledemic'”.

[INSIDER](#): “People are getting sick with mystery illnesses and testing negative for COVID, RSV, and flu.”

[INSIDER](#): “Everyone is sick right now. 3 tables will help you figure out what ailment you've got.”



Newsroom Updates



Lish Ndhlovu was featured in the following:

On December 4th, he presented at HIV DART and Emerging Viruses 2022, entitled: “Insights from host epigenetic scars towards addressing HIV complications.” ([Link](#))

On December 5-9, he presented at the inaugural Immuno-Zambia 2022 Meeting, on topics: HIV and cancer. ([Link](#))



Mirella Salvatore was featured in the following:

On November 18th, she gave a talk, entitled: “COVID-19: Treatment Options and Therapeutic Challenges”, at NYP-Queens.

On December 7th, she gave a talk, entitled: “Update for 2022 - 2023 seasonal Influenza”, for the WCMA Primary Care Division.

On December 8th, she gave a talk, entitled: “Flu Season 2022: What to Expect and How to Prepare”, at the Harry Belafonte 115th Street Library.



Newsroom Updates



Sorana Segal-Maurer from NYP - Queens, was featured in the following:

[DRUG TOPICS](#): “FDA Approves First-In-Class Twice-Yearly Treatment For HIV”.

[MEDPAGE](#): “Novel Capsid Inhibitor Approved For Super-Refractory HIV”.

[MEDSCAPE](#): “FDA Approves First-in-Class Drug for HIV”.



On December 8th, **Tim Wilkin** was featured on Medscape Medical News “CDC: Mpox Vaccine Is Effective Regardless of Administration Route”. ([Link](#))



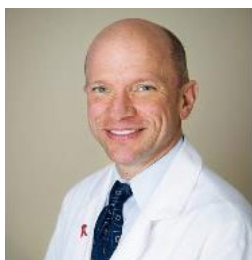
Newsroom Updates



On December 2nd, I.D. Division hosted the 25th Annual Controversies in the Management of the Patient with HIV supported by the Arthur Ashe. Below are their topics:



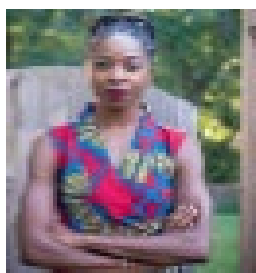
Marshall Glesby, MD
"Future of Co-Morbidities"



Trip Gulick, MD
"Future of Antiretroviral Therapy"



Lish Ndhlovu, MD
"Update on HIV Cure Efforts"



Allison Agwu, MD
(Johns Hopkins University School of Medicine)
"Update on Adolescent HIV"



Carlos del Rio, MD
(Emory University School of Medicine)
"40 Plus years of HIV: looking back and planning forward"



Anne Rompalo, MD
(Johns Hopkins University School of Medicine)
"STIs in PWH - No big deal, right?"



Shobha Swaminathan, MD
(Rutgers New Jersey Medical School)
"PrEP: Current and Future Options"



Divisional Publications

- ❖ **Crater JM, Nixon DF, Furler O'Brien RL.** HIV-1 replication and latency are balanced by mTOR-driven cell metabolism. *Front Cell Infect Microbiol.* 2022 Nov 17;12:1068436. doi: 10.3389/fcimb.2022.1068436. PMID: 36467738; [PMCID: PMC9712982](#).
- ❖ **Dean LS, Chow DC, Ndhlovu LC, Boisvert WA, Chang SP, Shikuma CM, Park J.** Characterization of Circulating Fibrocytes in People Living with HIV on Stable Antiretroviral Therapy. *Immunohorizons.* 2022 Nov 1;6(11):760-767. doi: 10.4049/immunohorizons.2200085. [PMID: 36445359](#).
- ❖ **de Menezes Erika G. Marques, Liu Jocelyn S., Bowler Scott A., Giron Leila B., D'Antoni Michelle L., Shikuma Cecilia M., Abdel-Mohsen Mohamed, Ndhlovu Lishomwa C., Norris Philip J.** Circulating brain-derived extracellular vesicles expressing neuroinflammatory markers are associated with HIV-related neurocognitive impairment. 2022. [DOI=10.3389/fimmu.2022.1033712](#).
- ❖ **Gallagher JC, Satlin MJ, Elabor A, Saraiya N, McCreary EK, Molnar E, El-Beyrouy C, Jones BM, Dixit D, Heil EL, Claeys KC, Hiles J, Vyas NM, Bland CM, Suh J, Bason K, McCoy D, King MA, Richards L, Harrington N, Guo Y, Chaudhry S, Lu X, Yu D.** Ceftolozane-Tazobactam for the Treatment of Multidrug-Resistant *Pseudomonas aeruginosa* Infections: A Multicenter Study. *Open Forum Infect Dis.* 2018 Oct 31;5(11):ofy280. doi: 10.1093/ofid/ofy280. PMID: 30488041; [PMCID: PMC6247659](#).





Divisional Publications

- ❖ Patel C, Pasciolla M, Abramova R, Salerno D, Gomez-Arteaga A, Shore TB, Orfali N, Mayer S, Hsu J, Phillips AA, Chaekal OK, **Satlin MJ, Soave R, Kodiyanplakkal RPL, Drelick A, Plate M**, Besien KV. Pre-Hematopoietic Stem Cell Transplantation Rituximab for Epstein-Barr Virus and Post-Lymphoproliferative Disorder Prophylaxis in Alemtuzumab Recipients. *Transplant Cell Ther.* 2022 Nov 9:S2666-6367(22)01738-9. doi: 10.1016/j.jtct.2022.10.023. Epub ahead of print. [PMID: 36334653](#).
- ❖ **Pham K**, Mtalitinya GS, Aristide C, Airewele EA, Nyakaru DK, McMahon P, Mulaki GM, Corstjens PLAM, J de Dood C, van Dam GJ, Chagalucha JM, Mazigo HD, Lee MH, Jaka H, **Downs JA**. Effects of Schistosoma mansoni and praziquantel treatment on the lower gastrointestinal mucosa: A cohort study in Tanzania. *Acta Trop.* 2022 Nov 19;238:106752. doi: 10.1016/j.actatropica.2022.106752. Epub ahead of print. [PMID: 36410422](#).
- ❖ Yuan Z, Giron LB, Hart C, Gyampoh A, Koshy J, Hong KY, Niki T, **Premeaux TA, Ndhlovu LC**, Deleage C, Montaner LJ, Abdel-Mohsen M. Human galectin-9 promotes the expansion of HIV reservoirs in vivo in humanized mice. *AIDS.* 2022 Nov 28. doi: 10.1097/QAD.0000000000003443. Epub ahead of print. [PMID: 36460646](#).





Important Dates

2023



New Year's Day
(WCM Holiday)



I.D. Faculty Meeting
8:30AM to 9:30AM
([Zoom Link](#))



Annual Holiday Party
The ALVIN Public House
(406 E 64th Street)
5:30PM to 8:30PM
All Division Members Welcome,
Please RSVP with Rabikha



Martin Luther King Jr. Day
(WCM Holiday)

