



Infectious Diseases

Division Newsletter

INSIDE THIS ISSUE

- Awards and Honors
- Appointments and Transitions
- Grants
- Other News
- Newsroom Updates
- Divisional Publications
- Important Dates





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:

- Tiffany Mishoe (Year 1)
- Patrice Morand (Year 1)
- Gianna Resso (Year 1)



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](#))



Appointments and Transitions



Congratulations to **Catherine Butkus Small**, who was promoted to Professor of Clinical Medicine.





Grants

Featured on the WCM Office of the Research Dean Newsletter:

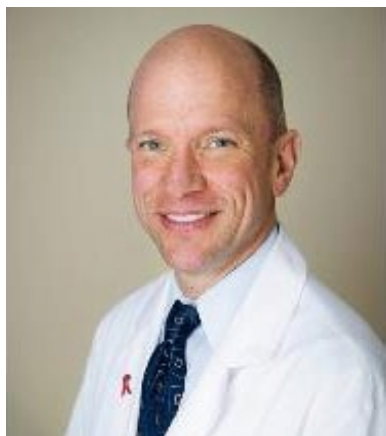


Congratulations to **Jennifer Downs**, who successfully competed for a \$2.6M research grant from the National Heart, Lung, & Blood Institute for a study entitled, "Engaging Religious Leaders to Reduce Blood Pressures in Tanzanian Communities."





Other News



Trip Gulick was featured on ACP/Annals of Internal Medicine COVID-19 Forum VIII: Evaluation and Management of Outpatients With COVID-19. ([Link](#))



Lishomwa Ndhlovu presented at the following:

- He led the Virtual 2022 IAS (International AIDS Society) Advocacy-for-Cure Academy on the topic surrounding the block and lock HIV cure strategy.
- He gave the Bedside-To-Bench Lecture for Work in Progress Seminar Series, entitled: “Mechanisms Underlying Brain Injury in People Living with HIV on Effective Treatment”.





Other News



FEB. 3 NATIONAL WOMEN
PHYSICIANS DAY

*"Celebrating Today and Paving
the Way for Tomorrow"*

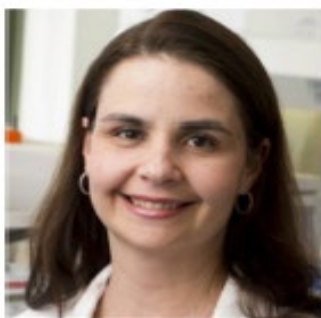


February 3rd was the Fifth Annual Women Physicians Day. The Division of Infectious Diseases celebrates our incredible women physicians/fellows/scientists. We thank them for all they do.

Physicians



Dr. Susan Ball



Dr. Marina Caskey



Dr. Jennifer Downs



Dr. Kathryn Dupnik



Dr. Nell Eisenberg



Dr. Tanya Ellman



Dr. Teresa Evering



Dr. Natalya Goldshteyn



Dr. Linnie Golightly



Dr. Catherine Hart



Dr. Carrie Johnston



Dr. Laura Kirkman



Other News



FEB. 3 NATIONAL WOMEN
PHYSICIANS DAY

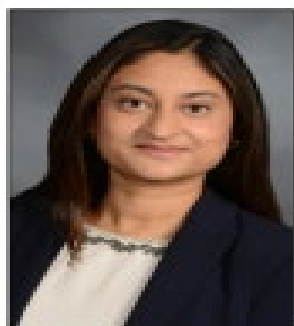
"Celebrating Today and Paving
the Way for Tomorrow"



Physicians (continued)



Dr. Priya Kodiyanplakkal



Dr. Yesha Malik



Dr. Kristen Marks



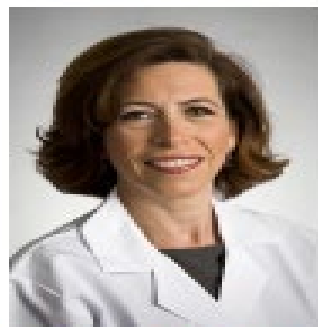
Dr. Usha Mathur-Wagh



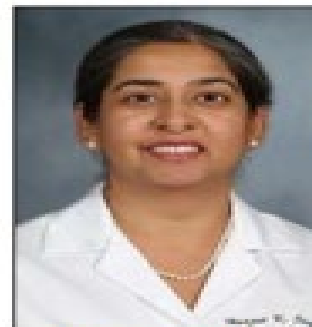
Dr. Ayana Morales



Dr. Mirella Salvatore



Dr. Sorana Segal-Maurer



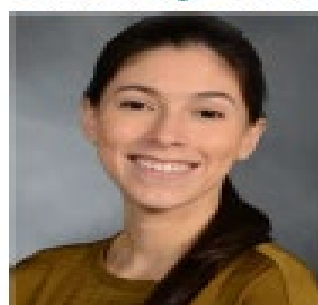
Dr. Harjot Singh



Dr. Catherine Small



Dr. Rosemary Soave



Dr. Heidi Torres



Dr. Mary Vogler



Dr. Cecilia Yoon



Other News



FEB. 3 NATIONAL WOMEN
PHYSICIANS DAY

*"Celebrating Today and Paving
the Way for Tomorrow"*



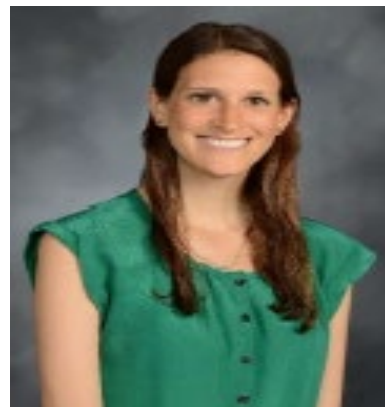
Fellows



Dr. Grace Maldarelli



Dr. Anna Mertelsmann



Dr. Catherine Stoeckle

Scientists



Guinevere Lee, PhD



Oksana Ocheretina, PhD



Ruta Petraitiene, MD



Other News



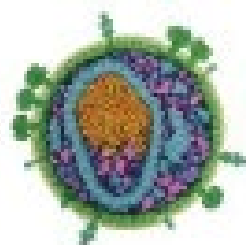
NEWSLETTER

Weill Cornell Chelsea CRS was featured in the ACTG Newsletter. The unit has been part of the ACTG since April 2011, has a team of 20 people conducting clinical research, and is participating in more than 12 ACTG other studies.





Other News



CROI
Conference on Retroviruses
and Opportunistic Infections

SYMPOSIA

Timothy Wilkin served as a panelist for “HIV CONTROVERSIES: CASE-BASED APPROACH TO PATIENTS WHO ARE TREATMENT OR PREVENTION EXPERIENCED”.

ORAL PRESENTATIONS

HPV GENOTYPING IN STUDY OF ADJUNCTIVE VACCINE FOR TREATMENT OF CERVICAL DYSPLASIA (Abstract # 41)-
Grant Ellsworth, Yvonne Perner, Mathilda Claaseen, Avril J. Swarts, Vuyokazi Jezile, Masangu Mulongo, Bridgette Goeieman, Sophie Williams, Mark Faesen, Pamela Michelow, Wolfgang Preiser, **Timothy Wilkin**, Cynthia S. Firnhaber

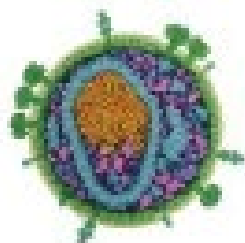
HIV-1 REMISSION WITH CCR5Δ32Δ32 HAPLO-CORD TRANSPLANT IN A US WOMAN: IMPAACT P1107 (Abstract # 65)- JingMei Hsu, Koen Van Besien, **Marshall J. Glesby**, Anne Coletti, Savita G. Pahwa, Meredith Warshaw, Amanda Golner, Frederic Bone, Nicole Tobin, Marcie Riches, John W. Mellors, Renee Browning, Deborah Persaud, Yvonne Bryson, for IMPAACT P1107 Study Team

PHASE I STUDY OF LONG-ACTING 3BNC117 AND 10-1074 IN VIREMIC ADULTS LIVING WITH HIV (Abstract # 140)-
Marina Caskey, Katrina Millard, Martina Turroja, Christian Gaebler, Erin Logue, Caroline S. Jiang, Leah Todd, Jacqueline D. Reeves, Christos Petropoulos, **Timothy Wilkin**, Pablo Tebas, Michel Nussenzweig

POST-ACUTE SEQUELAE OF SARS-COV-2 IN NON-HOSPITALIZED ACTIV-2 TRIAL PARTICIPANTS (Abstract # 626)- **Teresa H. Evering**, Busola Sanusi, Nikolaus Jilg, Eunice Yeh, Carlee Moser, David Wohl, Eric S. Daar, Paul Klekotka, Arzhang Cyrus Javan, Joseph Eron, Judith Currier, Michael Hughes, Davey Smith, Kara W. Chew, for the ACTIV-2/A5401 Study Team



Other News



CROI
Conference on Retroviruses
and Opportunistic Infections

ABSTRACTS

INFLAMMATION AND IMMUNE ACTIVATION NOT DRIVEN BY ON-ART HIV-SPECIFIC IMMUNE RESPONSE- (Abstract # 163)- **Adam R. Ward**, Allison S. Thomas, **Eva Stevenson**, **Szu-Han Huang**, Sheila M. Keating, Rajesh T. Gandhi, Deborah McMahon, Ronald J. Bosch, Bernard Macatangay, Joshua Cyktor, Joseph J. Eron, John W. Mellors, **R. Brad Jones**

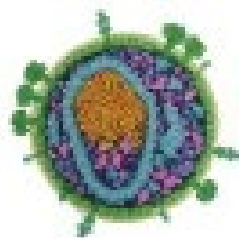
TARGETED DELIVERY OF BCL2 INHIBITORS SENSITIZES HIV+ CELLS TO ELIMINATION BY CTL- (Abstract # 1915)- **Andrea Gramatica**, Ozgun Kocabiyik, Rachel Resop, **Ali Danesh**, **Dennis C. Copertino**, Alberto Bosque, Darrell Irvine, **R. Brad Jones**

INHIBITORY RECEPTOR EXPRESSION CORRELATES WITH HIV PERSISTENCE AND IMMUNE RESPONSES- (Abstract # 1439)- Bernard J. Macatangay, Deborah McMahon, **R. Brad Jones**, **Adam R. Ward**, Hanna Mar, Ronald J. Bosch, Joshua Cyktor, Sharon A. Riddler, Ann C. Collier, Evelyn Hogg, Joseph J. Eron, John W. Mellors, Rajesh T. Gandhi, Charles Rinaldo

NAFLD IS COMMON AND ASSOCIATED WITH CARDIOVASCULAR RISK IN REPRIEVE PARTICIPANTS (Abstract # 520)- Carl J. Fichtenbaum, Heather J. Ribaud, Jana Taron, Jorge Leon-Cruz, Netanya S. Utay, Ken S. Ho, Anne F. Luetkemeyer, Shobha Swaminathan, **Carrie D. Johnston**, Evelynne S. Fulda, Emma Kileel, Michael T. Lu, Steven K. Grinspoon, Jordan E. Lake, and REPRIEVE Trial Investigators.



Other News



CROI
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ABSTRACTS (Cont'd)

HODHBT SYNERGIZES WITH IL-15 TO ENHANCE THE CYTOTOXIC CAPACITY OF HIV-SPECIFIC CTL- (Abstract # 704)- **Dennis C. Copertino**, Carissa Stover, Amanda Macedo, Alberto Bosque, **R. Brad Jones**

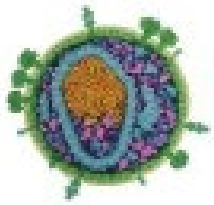
EXPECTATIONS OF PREVENTIVE BENEFITS & HIV- RELATED RISK BEHAVIORS IN HPTN069/ACTG5305 (Abstract #859)- Jeremy Sugarman, Brian W. Weir, Chen Dun, **Roy M. Gulick**, **Timothy Wilkin**, Kenneth H. Mayer, Marybeth McCauley, and Kevin P. Weinfurt

MULTI-COMPARTMENT FRESH SINGLE-CELL STUDIES IN AN INTERNATIONAL HIV RESEARCH SETTING (Abstract # 394)- **Michael J. Corley**, Supranee Buranapraditkun, Panadda Sawangsinth, Alexandra Schuetz, Sodsai Tovanabutra, **Alina PS Pang**, Shelli Farhadian, Nittaya Phanuphak, Carlo Sacdalan, Denise Hsu, Sandhya Vasan, Serena Spudich, **Lishomwa C. Ndhlovu** and the RV254/SEARCH010 and SEARCH013/RV304 study groups.

LONG-ACTING LENACAPAVIR IN PEOPLE WITH MULTIDRUG RESISTANT HIV-1: WEEK 52 RESULTS (Abstract # 491)- Onyema Ogbuagu, **Sorana Segal-Maurer**, Cynthia Brinson, Ploenchan Chetchotisakd, Kenneth Lichtenstein, Joseph McGowan, Andrew A. Wiznia, Kimberly Workowski, Hui Wang, Nicolas Margot, Hadas Dvory-Sobol, Martin S. Rhee, Jared M. Baeten, Jean-Michel Molina



Other News



CROI
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ABSTRACTS (Cont'd)

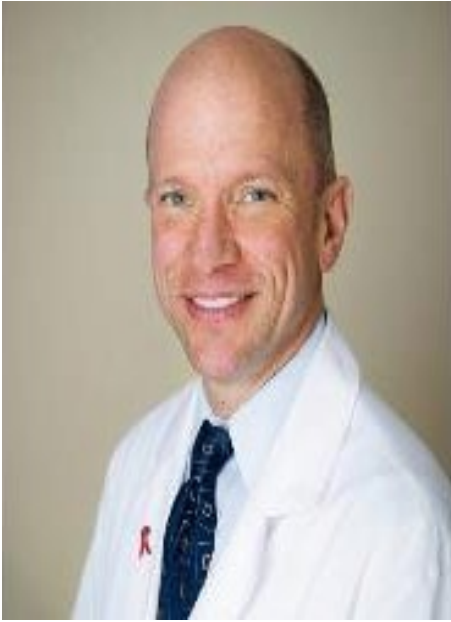
NFKB BINDING MOTIF GENOTYPES IN PROVIRAL PROMOTERS ACROSS HIV-1 SUBTYPES- (Abstract # 636)- Ha Eun Lim, **Pragya Khadka**, Erika Benko, Colin Kovacs, Ronald Galiwango, Paul Buule, Taddeo Kityamuweesi, Andrew Redd, Steven Reynolds, Thomas Quinn, Jessica Prodger, **R. Brad Jones, Guinevere Q. Lee**

SARS-COV2 MRNA VACCINATION EXPOSES LATENT HIV TO NEF-SPECIFIC CYTOTOXIC T LYMPHOCYTES- (Abstract # 610)- **Eva Stevenson, Sandra Terry, Dennis Copertino, Louise Leyre, Adam R. Ward, Pragya Khadka, Kevin Bernard, Grant Ellsworth, Carrie Johnston, Marina Caskey, Christian Gaebler, Timothy Wilkin, Guinevere Q. Lee, R. Brad Jones**

INVESTIGATING ANTIGEN-INDEPENDENT CD8+ T-CELL ENFORCEMENT OF HIV LATENCY- (Abstract # 2246)- **Talia M. Mota, Jared Weiler, Louise Leyre, Sandra Terry**, Lynsay MacLaren Ehui, Avery Wimpelberg, Christopher M. Cannon, Sarah Henn, Erika Benko, Colin Kovacs, **R. Brad Jones**



Newsroom Updates



On February 15th, **Trip Gulick** was featured on ABC News, entitled: “Coronavirus Pandemic”. ([Link](#))





Newsroom Updates



Marshall Glesby was featured in the following:

[NBCNEWS](#): “Scientists have possibly cured HIV in a woman for the first time”.

[The Wall Street Journal](#): “Woman Appears Cured of HIV After Umbilical-Cord Blood Transplant”.

[The New York Times](#): “A Woman Is Cured of H.I.V. Using A Novel Treatment”.

[CNN Health](#): “Researchers report third case of HIV remission after stem cell transplant using umbilical cord blood”.

[The MSNBC](#): “First Woman Possibly Cured Of HIV”.

[The Scientist Magazine](#): “Woman Seemingly Cured of HIV After Umbilical Cord Transplant”.

[The Washington Post](#): “A Middle-aged Woman Is The Third Patient To Be Potentially Cured of HIV, Scientists Report”.

[La Repubblica](#): “Prima Donna Guarita Dall'hiv Grazie A Un Trapianto Di Cordone Ombelicale”. (English Translation: First woman cured of HIV thanks to an umbilical cord transplant).

[Telemundo Network](#): “Científicos Estadounidenses Dicen Que Han Curado el VIH Por Primera Vez a Una Mujer”. (English Translation: U.S. Scientists Say They Have Cured HIV for the First Time in a Woman).



Divisional Publications

- ❖ Aponte-Melendez Y, Mateu-Gelabert P, Fong C, Eckhardt B, **Kapadia S, Marks K**. The impact of COVID-19 on people who inject drugs in New York City: increased risk and decreased access to services. *Harm Reduct J*. 2021 Nov 24;18(1):118. doi: 10.1186/s12954-021-00568-3. PMID: 34819070; [PMCID: PMC8611635](#).
- ❖ **Butt AA**, Dargham SR, Chemaitelly H, Al Khal A, Tang P, Hasan MR, Coyle PV, Thomas AG, Borham AM, Concepcion EG, Kaleeckal AH, Latif AN, Bertollini R, Abou-Samra AB, Abu-Raddad LJ. Severity of Illness in Persons Infected With the SARS-CoV-2 Delta Variant vs Beta Variant in Qatar. *JAMA Intern Med*. 2021 Dec 22:e217949. doi: 10.1001/jamainternmed.2021.7949. Epub ahead of print. PMID: 34935861; [PMCID: PMC8696690](#).
- ❖ **Butt AA**, Yan P, Shaikh OS, Mayr FB, Omer SB. Rate and Risk Factors for Severe/Critical Disease Among Fully Vaccinated Persons with Breakthrough SARS-CoV-2 Infection in a High-risk National Population. *Clin Infect Dis*. 2021 Dec 10:ciab1023. doi: 10.1093/cid/ciab1023. Epub ahead of print. PMID: 34893812; [PMCID: PMC8689859](#).
- ❖ **Corley MJ, Pang APS**, Rasmussen TA, Tolstrup M, Søgaaard OS, **Ndhlovu LC**. Candidate host epigenetic marks predictive for HIV reservoir size, responsiveness to latency reversal, and viral rebound. *AIDS*. 2021 Nov 15;35(14):2269-2279. doi: 10.1097/QAD.0000000000003065. PMID: 34482353; [PMCID: PMC8563431](#).
- ❖ Hupert N, **Marín-Hernández D**, Gao B, Águas R, **Nixon DF**. Heterologous vaccination interventions to reduce pandemic morbidity and mortality: Modeling the US winter 2020 COVID-19 wave. *Proc Natl Acad Sci U S A*. 2022 Jan 18;119(3):e2025448119. doi: 10.1073/pnas.2025448119. PMID: 35012976; [PMCID: PMC8784160](#).





Divisional Publications

- ❖ Hsu DC, Chumpolkulwong K, **Corley MJ**, Hunsawong T, Inthawong D, Schuetz A, Imerbsin R, Silsorn D, Nadee P, Sopanaporn J, Phuang-Ngern Y, Klungthong C, Reed M, Fernandez S, **Ndhlovu LC**, Paul R, Lugo-Roman L, Michael NL, Modjarrad K, Vasan S. Neurocognitive impact of Zika virus infection in adult rhesus macaques. J Neuroinflammation. 2022 Feb 7;19(1):40. doi: 10.1186/s12974-022-02402-4. PMID: 35130924; [PMCID: PMC8822695](#).
- ❖ Mayr FB, Talisa VB, Shaikh O, Yende S, **Butt AA**. Effectiveness of Homologous or Heterologous Covid-19 Boosters in Veterans. N Engl J Med. 2022 Feb 9:NEJMc2200415. doi: 10.1056/NEJMc2200415. Epub ahead of print. PMID: 35139265; [PMCID: PMC8849183](#).
- ❖ Mayr FB, Talisa VB, Shaikh O, Yende S, **Butt AA**. Effectiveness of Homologous or Heterologous Covid-19 Boosters in Veterans. N Engl J Med. 2022 Feb 9:NEJMc2200415. doi: 10.1056/NEJMc2200415. Epub ahead of print. PMID: 35139265; [PMCID: PMC8849183](#).
- ❖ Rendeiro AF, **Vorkas CK**, Krumsiek J, **Singh HK**, **Kapadia SN**, Cappelli LV, Cacciapuoti MT, Inghirami G, Elemento O, **Salvatore M**. Metabolic and Immune Markers for Precise Monitoring of COVID-19 Severity and Treatment. Front Immunol. 2022 Jan 12;12:809937. doi: 10.3389/fimmu.2021.809937. PMID: 35095900; [PMCID: PMC8790058](#).
- ❖ **Salvatore, Mirella**. "System-Wide Transcriptome Damage and Tissue Identity Loss in COVID-19 Patients." [https://www.cell.com/Cell-Reports-Medicine/Fulltext/S2666-3791\(22\)00022-2](https://www.cell.com/Cell-Reports-Medicine/Fulltext/S2666-3791(22)00022-2), [https://www.cell.com/cell-reports-medicine/fulltext/S2666-3791\(22\)00022-2](https://www.cell.com/cell-reports-medicine/fulltext/S2666-3791(22)00022-2).





Important Dates



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



2nd Intercampus
Immunology Symposium



REACH Annual Meeting



Annual I.D. Fellow & Junior Faculty
Workshop - IDSNY



Annual IDSNY Meeting