

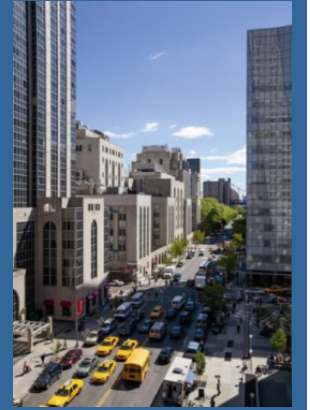


Weill Cornell Medicine

Joan and Sanford I. Weill Department of Medicine

What's New In Medicine

Newsletter • November 2021



What's New in Medicine, the newsletter of the Joan and Sanford I. Weill Department of Medicine at Weill Cornell Medicine, provides the latest updates on the department's research breakthroughs, new faculty recruits, and honors and awards.

To submit information for consideration for future newsletters, please contact Suzanne Ross directly at suross@med.cornell.edu.

Message from the Chair



As we enter the holiday season, I want to wish each of you and your families a safe and productive 2022. Each of your contributions has made a difference in improving the health of our patients as we continue to work through the COVID-19 pandemic. For the second consecutive year we are unable to celebrate our accomplishments with an in-person celebration. In lieu of this, the WDOM will be making donations to the Food Bank for New York City and WHEDco on behalf of all of its members. The Food Bank for New York City continues its efforts in "ending food poverty" for New Yorkers in all five boroughs, and WHEDco (Women's Housing and Economic Development Corporation) is providing services to the residents of the South Bronx including access to high-quality education, affordable housing, proper nutrition and employment opportunities, as well as resources essential to

building communities in which individuals will succeed. We are pleased to be able to support these essential organizations in this time of uncertainty.

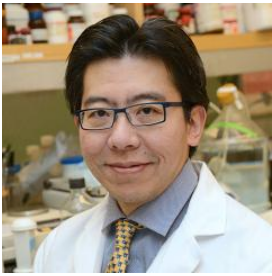
Finally, I want to congratulate our senior residents and our Divisions on a very successful fellowship match.

All the best for the New Year!

Tony

Anthony Hollenberg, M.D.
Sanford I. Weill Chair

News



Dr. Zhou and Colleagues Publish Key Findings in *Cell Stem Cell* on Role Gene SATB2 Plays in the Colon Lining

These findings have opened a window into the development of inflammatory bowel disease (IBD), as well as insights into a rare syndrome in which the SATB2 gene is disrupted. [Read more](#)



WDOM's 6th Annual Research Retreat Day Hosts Leader in RNA and Vaccine Research

Lectures were provided by WDOM faculty and keynote speaker, Dr. Drew Weissman, who played a major role in critical discoveries that allowed for the mRNA platform to be used in developing vaccines against SARS-CoV. [Read more](#)



Dr. Lo and Colleagues Publish Key Findings on COVID-19 and Insulin Resistance

The researchers found that SARS-CoV-2 triggers an inflammatory antiviral response in the adipose tissue (body fat) and causes its dysfunction. [Read more](#)



Dr. Erica Phillips Named Jack Fishman Associate Professor of Cancer Prevention

Dr. Phillips conducts research focused on health inequities in racial and ethnic minorities. An integral part of her practice is bridging her clinical practice with that of her research efforts in the management of obesity. [Read more](#)



Dr. Fins Appointed as President of the International Neuroethics Society (INS)

Dr. Fins is serving a two-year term during which time he will guide efforts to encourage and inspire research and dialogue on the responsible use of advances in brain science. [Read more](#)



WDOM Congratulates its Faculty and Staff Who Ran in the 2021 New York City Marathon

Many faculty and staff from the WDOM participated in the 2021 New York City Marathon held on November 7. The WDOM congratulates them on their efforts and a race well run! [Read more](#)



Employee Recognition Program: Another Banner Year!

The Employee Recognition Program allows physicians, patients, and colleagues to nominate any non-physician employee working in the department. [Read more](#)

News Flashes

- Congratulations to WDOM faculty who recently received a promotion:
Dr. Kyu Y. Rhee, Professor of Medicine, Division of Infectious Diseases
- The WDOM congratulates **Dr. Cary Reid** and **Dr. Holly Prigerson**, Division of Geriatrics and Palliative Medicine, on the renewal of their National Institutes of Health/NIA-funded T32 postdoctoral training program in Behavioral Geriatrics. With Drs. Reid and Prigerson serving as co-Directors, the program continues to launch fellows into successful research careers including receipt of NIH K awards. The program exemplifies the WDOM's outstanding efforts in mentorship and cross-campus collaboration. Dr. Prigerson serves as Director of the Cornell Center for Research on End-of-Life Care. Dr. Reid serves as Director of the Office of Geriatric Research in the Division of Geriatrics and Palliative Medicine.
- The WDOM congratulates the Division of Geriatrics and Palliative Medicine on hosting the 2021 Conference on Engaging Family Caregivers of Persons with Alzheimer's Disease and Related Dementias (ADRD) in Healthcare Delivery held on October 1, 2021. Led by **Dr. Catherine Riffin**, Assistant Professor of Psychology in Medicine, the initiative convened interdisciplinary thought leaders from across the nation to generate key research priorities. The conference focused on many areas, including best practices and training programs, with the overarching goal of establishing a policy- and practice-aligned research agenda for enhancing ADRD caregiver identification and support in healthcare settings. Findings are being used to inform federal agencies and foundations about high-priority research areas, provide guidance to national advisory committees, and accelerate a wave of programmatic research dedicated to enhancing clinical care that effectively engages and supports caregivers of persons with ADRD. Funded by the National Institute on Aging, the conference was in collaboration with the Mayo Clinic, United Health Group, and UsAgainstAlzheimers. [Read more](#)
- The WDOM congratulates **Dr. Darshana M. Dadhania**, Associate Professor of Medicine, Division of Nephrology and Hypertension, and Medical Director of the Kidney and Pancreas Transplant Program at Weill Cornell Medicine/NewYork-Presbyterian Hospital, on having her career highlighted in The Stevens Indicator/Stevens Institute of Technology. Dr. Dadhania shares her valuable reflections on career, leadership, and saying 'yes' to opportunities. [Read more](#)

- **Dr. Holly Prigerson**, Division of Geriatrics and Palliative Medicine, was quoted in an article on Prolonged Grief Disorder (PGD) that appeared in *The Washington Post's* Wellness section on October 21, 2021. The article explores PGD and its recent addition in diagnostic texts. Cornell's [Center for Research on End-of-Life Care](#), which provides assessment, education, self-help and other resources for dealing with grief and PGD, is also mentioned in the article. [Read more](#)
- The WDOM congratulates the Division of Hematology and Medical Oncology on another stellar showing at the ASH 63rd Annual Meeting held on December 10, 2021. For another consecutive year, members of the Division of Hematology and Medical Oncology represented a record number of speakers at the meeting. The speakers included multiple investigators: **Drs. Leandro Cerchiatti, Giorgio Inghirami, Lisa Roth, Jia Ruan, Wendy Beguelin, Dan Landau, and Peter Martin**. Their participation in the meeting included one or more oral presentations. The presenters included Weill Cornell Medicine hematology fellows, postdocs, and medical students.

Research Paper Highlights

Cardiology

Ip JE, Xu L, Dai J, Steegborn C, Jaffré F, Evans T, Cheung JW, Basson CT, Panaghie G, Krogh-Madsen T, Abbott GW, Lerman BB. Constitutively Activating GNAS Somatic Mutation in Right Ventricular Outflow Tract Tachycardia. *Circ Arrhythm Electrophysiol*. 2021 Oct;14(10):e010082. doi: 10.1161/CIRCEP.121.010082. Epub 2021 Sep 30. PMID: 34587755; PMCID: PMC8569928.

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Clinical Epidemiology & Evaluative Sciences Research

Reif LK, Belizaire ME, Rouzier V, Seo G, Severe P, Bajo Joseph JM, Joseph B, Apollon S, Pape JW, McNairy ML, Elul B, Fitzgerald DW, Arpadi SM, Abrams EJ, Kuhn L. Point-of-care viral load testing among adolescents and young adults living with HIV in Haiti: a randomized control trial. *AIDS Care*. 2021 Oct 6:1-12. doi: 10.1080/09540121.2021.1981816. Epub ahead of print. PMID: 34612092. **[Center for Global Health]**

Endocrinology, Diabetes & Metabolism

Taylor SR, Ramsamooj S, Liang RJ, Katti A, Pozovskiy R, Vasan N, Hwang SK, Nahiyaan N, Francoeur NJ, Schatoff EM, Johnson JL, Shah MA, Dannenberg AJ, Sebra RP, Dow LE, Cantley LC, Rhee KY, Goncalves MD. Dietary fructose improves intestinal cell survival and nutrient absorption. *Nature*. 2021 Sep;597(7875):263-267. doi: 10.1038/s41586-021-03827-2. Epub 2021 Aug 18. PMID: 34408323.

Ludwig DS, Aronne LJ, Astrup A, de Cabo R, Cantley LC, Friedman MI, Heymsfield SB, Johnson JD, King JC, Krauss RM, Lieberman DE, Taubes G, Volek JS, Westman EC, Willett WC, Yancy WS, Ebbeling CB. The carbohydrate-insulin model: a physiological perspective on the obesity pandemic. *Am J Clin Nutr*. 2021 Sep 13:nqab270. doi: 10.1093/ajcn/nqab270. Epub ahead of print. PMID: 34515299.

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Gastroenterology & Hepatology

Katz PO, Dunbar KB, Schnoll-Sussman FH, Greer KB, Yadlapati R, Spechler SJ. ACG Clinical Guideline for the Diagnosis and Management of Gastroesophageal Reflux Disease. *Am J Gastroenterol*. 2021 Nov 22. doi: 10.14309/ajg.0000000000001538. Epub ahead of print. PMID: 34807007.

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General Internal Medicine

Gonzalez CJ, Aristega Almeida B, Corpuz GS, Mora HA, Aladesuru O, Shapiro MF, Sterling MR. Challenges with social distancing during the COVID-19 pandemic among Hispanics in New York City: a qualitative study. *BMC Public Health*. 2021 Oct 26;21(1):1946. doi: 10.1186/s12889-021-11939-7. PMID: 34702228; PMCID: PMC8547302.

DiPierro K, Lee H, Pain KJ, Durning SJ, Choi JJ. Groupthink among health professional teams in patient care: A scoping review. *Med Teach*. 2021 Oct 12:1-10. doi: 10.1080/0142159X.2021.1987404. Epub ahead of print. PMID: 34641741.

Pinheiro LC, Reshetnyak E, Akinyemiju T, Phillips E, Safford MM. Social determinants of health and cancer mortality in the Reasons for Geographic and Racial Differences in Stroke (REGARDS) cohort study. *Cancer*. 2021 Sep 3. doi: 10.1002/cncr.33894. Epub ahead of print. PMID: 34478162.

Geriatrics & Palliative Medicine

Sekowski M, Prigerson HG. Conflicted or close: Which relationships to the deceased are associated with loss-related psychopathology? *Br J Clin Psychol*. 2021 Nov 1. doi: 10.1111/bjc.12344. Epub ahead of print. PMID: 34724233.

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Hematology & Medical Oncology

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Calvo-Vidal MN, Zamponi N, Krumsiek J, Stockslager MA, Revuelta MV, Phillip JM, Marullo R, Tikhonova E, Kotlov N, Patel J, Yang SN, Yang L, Taldone T, Thieblemont C, Leonard JP, Martin P, Inghirami G, Chiosis G, Manalis SR, Cerchiatti L. Oncogenic HSP90 Facilitates Metabolic Alterations in Aggressive B-cell Lymphomas. *Cancer Res*. 2021 Oct 15;81(20):5202-5216. doi: 10.1158/0008-5472.CAN-21-2734. Epub 2021 Sep 3. PMID: 34479963; PMCID: PMC8530929.

Infectious Diseases

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Nephrology & Hypertension

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Liu EC, Lee JH, Loo A, Mazur S, Sultan S, Aull M, Lee JB, Muthukumar T, Hartono C. Casirivimab-Imdevimab (REGN-COV2) for Mild to Moderate SARS-CoV-2 Infection in Kidney Transplant Recipients. *Kidney Int Rep*. 2021 Nov;6(11):2900-2902. doi: 10.1016/j.ekir.2021.08.032. Epub 2021 Sep 6. PMID: 34514186; PMCID: PMC8418987.

Pulmonary & Critical Care Medicine

Chung H, Parkhurst CN, Magee EM, Phillips D, Habibi E, Chen F, Yeung BZ, Waldman J, Artis D, Regev A. Joint single-cell measurements of nuclear proteins and RNA in vivo. *Nat Methods*. 2021 Oct;18(10):1204-1212. doi: 10.1038/s41592-021-01278-1. Epub 2021 Oct 4. PMID: 34608310; PMCID: PMC8532076.

Whalen W, Buyukozkan M, Moore B, Moon JS, Dela Cruz CS, Martinez FJ, Choi AMK, Krumsiek J, Stout-Delgado H, Cho SJ. Association of circulating cell-free double-stranded DNA and metabolic derangements in idiopathic pulmonary fibrosis. *Thorax*. 2021 Sep 14:thoraxjnl-2021-217315. doi: 10.1136/thoraxjnl-2021-217315. Epub ahead of print. PMID: 34521729.

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Regenerative Medicine

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Rheumatology

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