



Weill Cornell Medicine

Joan and Sanford I. Weill Department of Medicine

What's New In Medicine

Newsletter • July 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



The new academic year has begun at a hectic pace as the medical service and all of the NewYork-Presbyterian/Weill Cornell Medical Center clinical in-patient services remain at maximum capacity. This level of service was occurring prior to the rise of the Delta SARS-CoV2 variant and will likely continue in the face of increased COVID-19 cases secondary to the variant.

Importantly, both NewYork-Presbyterian and Weill Cornell Medicine are leading advocates of vaccine mandates and are in process to complete this by September 1. The Weill Department of Medicine is focused on ensuring that all of our members are in compliance with the mandate to ensure maximum safety for our patients and workforce. To that end, we are working closely with faculty and staff leadership across the divisions to answer any questions and to provide any assistance possible to ensure all of our members meet the deadline.

In the setting of increased clinical volume, we were also visited by the Joint Commission last week. By all reports, we did very well. Everyone's efforts are greatly appreciated.

Also, next week we welcome our new Chief Administrative Officer, Tammy Snyder, who is joining us from Johns Hopkins where she was the CAO of the Department of Anesthesiology. I would like to thank Nancy Bennett for all of her efforts as interim CAO during this incredibly busy period.

I hope everyone has a good rest of the summer.

Tony

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

News



Dr. Brown Appointed as Chief of the Division of Gastroenterology and Hepatology

Dr. Brown is the co-founder and Director of the bi-campus Center for Liver Disease and Transplantation at NYP. He has been an integral part of the liver transplant effort at Weill Cornell since 1999 and joined the faculty full-time in 2015. [Read more](#)



Tammy Snyder, MPH, Appointed as Chief Administrative Officer in the Weill Department of Medicine

In this key leadership role, Tammy will be directing administrative and business activities within the department, including finance, accounting, research administration, clinical operations, capital planning, academic appointments, and education. [Read more](#)

WDOM Faculty Receive 2021 Excellence in Medical Education Awards

The WDOM congratulates its faculty who received Weill Cornell Medicine's 2021 Excellence in Medical Education Awards. These awards honor educators for their outstanding contributions to the Weill Cornell Medicine medical education program. [Read more](#)



Dr. Rachel Niec Receives Career Award for Medical Scientists from the Burroughs Wellcome Fund

The Career Award for Medical Scientists (CAMS) supports medical doctors who are pursuing research careers in biomedical investigation. It focuses on the transition of the physician-scientist from postdoc/fellow to independent researcher. [Read more](#)

Division of General Internal Medicine: Fourth Annual Primary Care & Hospital Medicine Innovations Symposium

This year the PCI program provided \$175,000 to fund 11 innovative interdisciplinary projects across the campus consisting of 8 faculty, 1 resident, and 2 student awardees in various topics related to primary care. [Read more](#)



The Young Investigators Award Recipients of 2021

This award is presented annually to members of the Weill Department of Medicine below the rank of professor who perform on outstanding levels in the areas of clinical and/or basic biomedical research. [Read more](#)



2021 Fellow Award in Research Announced at Medicine Grand Rounds

Initiated in 2002, the award is given to fellows within the Weill Department of Medicine who have performed outstanding research. This year's finalists were presented at Medicine Grand Rounds on June 23. [Read more](#)



2021 David E. Rogers Memorial Research Award Winner Announced

The award encourages medical residents to continue their investigative research in internal medicine. Each year, senior medical residents submit research abstracts, and finalists are chosen to present their work during medical grand rounds. [Read more](#)

Second Annual Meeting on Advances on Nuclear Topology and 3D Chromatin Architecture in Cancer

On Friday, September 24, 2021, the Second Annual Meeting on Advances on Nuclear Topology and 3D Chromatin Architecture in Cancer will be held as a FREE virtual symposium. The event has been organized by Dr. Ari Melnick, Gebroe Family Professor of Hematology-Oncology, Division of Hematology and Medical Oncology, along with colleagues from NYU Langone. The speakers will include Dr. Effie Apostolou, the division's Raymond and Beverly Sackler Research Scholar, as well as guest speakers from the U.S. and around the world. [Read more](#)

News Flashes

- Congratulations to WDOM faculty who recently received a promotion:
Dr. Eftychia (Effie) Apostolou, Associate Professor of Molecular Biology in Medicine, Division of Hematology and Medical Oncology
Dr. Naina Sinha Gregory, Associate Professor of Clinical Medicine, Division of Endocrinology, Diabetes and Metabolism
Dr. Seth Manoach, Associate Professor of Clinical Medicine, Division of Pulmonary and Critical Care Medicine
Dr. Jia Ruan, Professor of Clinical Medicine, Division of Hematology and Medical Oncology
Dr. Heather Stout-Delgado, Associate Professor of Immunology in Medicine, Division of Pulmonary and Critical Care Medicine
- The WDOM expresses its sincerest condolences on the passing of **Dr. Martin Nydick**. One of our most beloved physicians on the voluntary staff, Dr. Nydick had a thriving private practice specializing in general endocrinology, diabetes, and lipid metabolism. Dr. Nydick received his M.D. from the Columbia University College of Physicians & Surgeons and served in the WDOM as a Clinical Associate Professor of Medicine and as an Attending Physician at NewYork-Presbyterian Hospital for many years. He was also affiliated with the Hospital for Special Surgery.
- Congratulations to **Dr. Martin F. Shapiro**, Professor of Medicine, Division of General Internal Medicine, on participating in the 4th Martin Shapiro Symposium (named in his honor) held at the University of California – Los Angeles (UCLA) on June 18, 2021. Before being recruited to the WDOM's Division of General Internal Medicine, Dr. Shapiro led the Division of General Internal Medicine at UCLA for 25 years. The symposium's keynote speaker was Eliseo J. Pérez-Stable, M.D., Director, National Institute on Minority Health and Health Disparities and Dr. Shapiro provided closing remarks. [Read more](#) [PDF]
- Congratulations to **Risa Breckman, LCSW**, a longstanding member of the Division of Geriatrics and Palliative Medicine and the former Executive Director of the division's NYCEAC (New York City Elder Abuse Center), on receiving the 2nd Annual Arthur Mason Advocacy Award. As part of World Elder Abuse Awareness Day (WEAAD) held on June 15, 2021, Risa was honored with the award being described as "a stalwart" in the field and "a shining star." Risa has been pioneering innovative programs in the field of elder abuse since 1982.
- Congratulations to **Dr. David Price**, Instructor in Medicine, Division of Pulmonary and Critical Care Medicine, on being named the division's Thomas C. King, M.D Fellow. Dr. Price had known Dr. King and trained with him and will hold the title from July 1, 2021 through June 30, 2022. A physician-scientist, Dr. Price's research is focused on neutrophil independent mechanisms of critical illness.

Research Paper Highlights

Cardiology

Kay J, Chimonas S, Ohn J, Chen J, Melton R, Kaltenboeck A. Value-based management of specialty drugs: practical considerations and implications for pharmacy. *Am J Manag Care*. 2021 May;27(5):195-200. doi: 10.37765/ajmc.2021.88633. PMID: 34002961.

Lu DY, Adelsheimer A, Chan K, Yeo I, Krishnan U, Karas MG, Horn EM, Feldman DN, Sobol I, Goyal P, Bhatt R, Batra S, Sciria CT, Olonoff D, Cheung JW, Kim LK. Impact of hospital transfer to hubs on outcomes of cardiogenic shock in the real world. *Eur J Heart Fail*. 2021 Jun 11. doi: 10.1002/ejhf.2263. Epub ahead of print. PMID: 34114302.

Fanous MM, Gianos E, Sperling LS, Mintz GL, Majure DT, Hirsh BJ. Early use of PCSK9 inhibitor therapy after heart transplantation from a hepatitis C virus positive donor. *J Clin Lipidol*. 2021 May 27:S1933-2874(21)00074-X. doi: 10.1016/j.jacl.2021.05.003. Epub ahead of print. PMID: 34120877.

Clinical Epidemiology & Evaluative Sciences Research

Zainabadi K, Walsh KF, Vilbrun SC, Mathurin LD, Lee MH, Saito K, Mishra S, Ocheretina O, Pape JW, Nathan C, Fitzgerald DW. Characterization of differentially detectable *Mycobacterium tuberculosis* in the sputum of subjects with drug sensitive or drug resistant tuberculosis before and after two months of therapy. *Antimicrob Agents Chemother*. 2021 Jun 1:AAC0060821. doi: 10.1128/AAC.00608-21. Epub ahead of print. PMID: 34060896. **[Center for Global Health]**

Endocrinology, Diabetes & Metabolism

Sandoval DA, Alonso LC, Gannon M, Sander M, Sussel L, Reusch JEB. Career Advancement for Women in Diabetes-Related Research: Developing and Retaining Female Talent. *Diabetes Care*. 2021 Jun 15:dci210019. doi: 10.2337/dci21-0019. Epub ahead of print. PMID: 34131046.

Tchang BG, Askin G, Sahagun A, Hwang J, Huang H, Mendelsohn Curanaj FA, Seley JJ, Safford MM, Alonso LC, Aronne LJ, Shukla AP. The Independent Risk of Obesity and Diabetes and Their Interaction in COVID-19: A Retrospective Cohort Study. *Obesity (Silver Spring)*. 2021 Jun;29(6):971-975. doi: 10.1002/oby.23172. Epub 2021 Apr 28. PMID: 33694267; PMCID: PMC8206993.

Liang RJ, Taylor S, Nahiyaan N, Song J, Murphy CJ, Dantas E, Cheng S, Hsu TW, Ramsamooj S, Grover R, Hwang SK, Ngo B, Cantley LC, Rhee KY, Goncalves MD. GLUT5 (SLC2A5) enables fructose-mediated proliferation independent of ketohexokinase. *Cancer Metab*. 2021 Mar 24;9(1):12. doi: 10.1186/s40170-021-00246-9. PMID: 33762003; PMCID: PMC7992954.

Gastroenterology & Hepatology

Rendeiro AF, Ravichandran H, Bram Y, Chandar V, Kim J, Meydan C, Park J, Foox J, Hether T, Warren S, Kim Y, Reeves J, Salvatore S, Mason CE, Swanson EC, Borczuk AC, Elemento O, Schwartz RE. The spatial landscape of lung pathology during COVID-19 progression. *Nature*. 2021 May;593(7860):564-569. doi: 10.1038/s41586-021-03475-6. Epub 2021 Mar 29. PMID: 33780969; PMCID: PMC8204801.

Li Y, Imai N, Nicholls HT, Roberts BR, Goyal S, Krisko TI, Ang LH, Tillman MC, Roberts AM, Baqai M, Ortlund EA, Cohen DE, Hagen SJ. Thioesterase superfamily member 1 undergoes stimulus-coupled conformational reorganization to regulate metabolism in mice. *Nat Commun*. 2021 Jun 9;12(1):3493. doi: 10.1038/s41467-021-23595-x. PMID: 34108467; PMCID: PMC8190112.

Wahid N, Lee J, Kaplan A, Fortune BE, Safford MM, Brown RS Jr, Rosenblatt R. Medicaid Expansion Association with End-Stage Liver Disease Mortality Depends on Leniency of Medicaid Hepatitis C Virus Coverage. *Liver Transpl*. 2021 Jun 12. doi: 10.1002/lt.26209. Epub ahead of print. PMID: 34118120.

General Internal Medicine

Kingery JR, Bf Martin P, Baer BR, Pinheiro LC, Rajan M, Clermont A, Pan S, Nguyen K, Fahoum K, Wehmeyer GT, Alshak MN, Li HA, Choi JJ, Shapiro MF, McNairy ML, Safford MM, Goyal P. Thirty-Day Post-Discharge Outcomes Following COVID-19 Infection. *J Gen Intern Med*. 2021 Jun 7:1–8. doi: 10.1007/s11606-021-06924-0. Epub ahead of print. PMID: 34100231; PMCID: PMC8183585.

Andreae SJ, Andreae LJ, Richman JS, Cherrington AL, Safford MM. Peer-delivered Cognitive Behavioral Therapy-based Intervention Reduced Depression and Stress in Community Dwelling Adults With Diabetes and Chronic Pain: A Cluster Randomized Trial. *Ann Behav Med*. 2021 May 10:kaab034. doi: 10.1093/abm/kaab034. Epub ahead of print. PMID: 33969866.

Friedlander R, Mou S, Shearer L. Diversity in Reproductive Health and Human Sexuality: Assessing Attitudes Comfort and Knowledge in Learners Before and After Pilot Curriculum. *Fam Med*. 2021 May;53(5):362-365. doi: 10.22454/FamMed.2021.456130. PMID: 34019683.

Geriatrics & Palliative Medicine

Viola M, Ouyang D, Xu J, Maciejewski PK, Prigerson HG, Derry HM. Associations between beta-blocker use and psychological distress in bereaved adults with cardiovascular conditions. *Stress Health*. 2021 May 11. doi: 10.1002/smi.3061. Epub ahead of print. PMID: 33977672.

Luth EA, Russell DJ, Xu JC, Lauder B, Ryvicker MB, Dignam RR, Baughn R, Bowles KH, Prigerson HG. Survival in hospice patients with dementia: the effect of home hospice and nurse visits. *J Am Geriatr Soc*. 2021 Jun;69(6):1529-1538. doi: 10.1111/jgs.17066. Epub 2021 Feb 19. PMID: 33608869; PMCID: PMC8192457.

Prigerson HG, Kakarala S, Gang J, Maciejewski PK. History and Status of Prolonged Grief Disorder as a Psychiatric Diagnosis. *Annu Rev Clin Psychol*. 2021 May 7;17:109-126. doi: 10.1146/annurev-clinpsy-081219-093600. Epub 2021 Feb 1. PMID: 33524263.

Hematology & Medical Oncology

Desai PM, Brown J, Gill S, Solh MM, Akard LP, Hsu JW, Ustun C, Andreadis C, Frankfurt O, Foran JM, Lister J, Schiller GJ, Wieduwilt MJ, Pagel JM, Stiff PJ, Liu D, Khan I, Stock W, Kambhampati S, Tallman MS, Morris L, Edwards J, Pusic I, Kantarjian HM, Mamelok R, Wong A, Van Syoc R, Kellerman L, Panuganti S, Mandalam R, Abboud CN, Ravandi F. Open-Label Phase II Prospective, Randomized, Controlled Study of Romyelocel-L Myeloid Progenitor Cells to Reduce Infection During Induction Chemotherapy for Acute Myeloid Leukemia. *J Clin Oncol*. 2021 Jun 22;JCO2001739. doi: 10.1200/JCO.20.01739. Epub ahead of print. PMID: 34156898.

Sartor O, de Bono J, Chi KN, Fizazi K, Herrmann K, Rahbar K, Tagawa ST, Nordquist LT, Vaishampayan N, El-Haddad G, Park CH, Beer TM, Armour A, Pérez-Contreras WJ, DeSilvio M, Kpamegan E, Gericke G, Messmann RA, Morris MJ, Krause BJ; VISION Investigators. Lutetium-177-PSMA-617 for Metastatic Castration-Resistant Prostate Cancer. *N Engl J Med*. 2021 Jun 23. doi: 10.1056/NEJMoa2107322. Epub ahead of print. PMID: 34161051.

Navi BB, Sherman CP, Genova R, Mathias R, Lansdale KN, LeMoss NM, Wolfe J, Skakodub A, Kamel H, Tagawa ST, Saxena A, Ocean AJ, Soff GA, DeSancho MT, Iadecola C, Elkind MSV, Peerschke E, Zhang C, DeAngelis LM. Mechanisms of Ischemic Stroke in Patients with Cancer: A Prospective Study. *Ann Neurol*. 2021 Jul;90(1):159-169. doi: 10.1002/ana.26129. Epub 2021 Jun 3. PMID: 34029423.

Infectious Diseases

Ellsworth GB, Stier EA, Chiao EY, Lensing SY, Darragh T, Jay N, Berry-Lawhorn JM, Einstein M, Barroso LF, Cranston RD, Levine R, Guiot HM, French AL, Goldstone SE, Preiser W, Claassen M, Palefsky JM, Wilkin TJ; AIDS Malignancy Consortium. Xpert HPV as a Screening Tool for Anal Histologic High-Grade Squamous Intraepithelial Lesions in Women Living With HIV. *J Acquir Immune Defic Syndr*. 2021 Jul 1;87(3):978-984. doi: 10.1097/QAI.0000000000002672. PMID: 34110312.

McCann CD, van Dorp CH, Danesh A, Ward AR, Dilling TR, Mota TM, Zale E, Stevenson EM, Patel S, Brumme CJ, Dong W, Jones DS, Andresen TL, Walker BD, Brumme ZL, Bollard CM, Perelson AS, Irvine DJ, Jones RB. A participant-derived xenograft model of HIV enables long-term evaluation of autologous immunotherapies. *J Exp Med*. 2021 Jul 5;218(7):e20201908. doi: 10.1084/jem.20201908. Epub 2021 May 14. PMID: 33988715; PMCID: PMC8129803.

Powell TR, Hotopf M, Hatch SL, Breen G, Duarte RRR, Nixon DF. Genetic risk for severe COVID-19 correlates with lower inflammatory marker levels in a SARS-CoV-2-negative cohort. *Clin Transl Immunology*. 2021 Jun 6;10(6):e1292. doi: 10.1002/cti2.1292. PMID: 34141432; PMCID: PMC8180242.

Medical Ethics

Fins JJ, Wright MS, Giacino JT, Henderson J, Schiff ND. In Pursuit of Agency Ex Machina: Expanding the Map in Severe Brain Injury. *AJOB Neurosci*. 2021 Apr-Sep;12(2-3):200-202. doi: 10.1080/21507740.2021.1904050. PMID: 33960894.

Fins JJ. COVID-19 Through Time. *Issues Sci Technol* 2021 Spring;37(3):(73-8).

de Melo-Martin I, Crystal RG. Primum Non Nocere: Should Gene Therapy Be Used to Prevent Potentially Fatal Disease but Enable Potentially Destructive Behavior? *Hum Gene Ther*. 2021 Jun;32(11-12):529-534. doi: 10.1089/hum.2021.039. Epub 2021 Apr 26. PMID: 33752441; PMCID: PMC8236557.

Nephrology & Hypertension

Muthukumar T, Akat KM, Yang H, Schwartz JE, Li C, Bang H, Ben-Dov IZ, Lee JR, Ikle D, Demetris AJ, Tuschl T, Suthanthiran M. Serum MicroRNA Transcriptomics and Acute Rejection or Recurrent Hepatitis C Virus in Human Liver Allograft Recipients: A Pilot Study. *Transplantation*. 2021 May 11. doi: 10.1097/TP.0000000000003815. Epub ahead of print. PMID: 33979314.

Gómez-Escobar LG, Hoffman KL, Choi JJ, Borczuk A, Salvatore S, Alvarez-Mulett SL, Galvan MD, Zhao Z, Racine-Brzostek SE, Yang HS, Stout-Delgado HW, Choi ME, Choi AMK, Cho SJ, Schenck EJ. Cytokine signatures of end organ injury in COVID-19. *Sci Rep*. 2021 Jun 15;11(1):12606. doi: 10.1038/s41598-021-91859-z. PMID: 34131192; PMCID: PMC8206105.

Tummalapalli SL, Silberzweig J, Cukor D, Lin JT, Barbar T, Liu Y, Kim K, Parker TS, Levine DM, Ibrahim SA. Racial and Neighborhood-Level Disparities in COVID-19 Incidence among Patients on Hemodialysis in New York City. *J Am Soc Nephrol*. 2021 Jun 3:ASN.2020111606. doi: 10.1681/ASN.2020111606. Epub ahead of print. PMID: 34083409.

Public Health Programs

Weiss CJ. Protocol Design and Implementation for Monitoring Parental Substance Use in Child Custody Litigation. *Fam Court Rev*. 2021 June 28;59(3):534-554. doi: 10.1111/fcre.12544.

Pulmonary & Critical Care Medicine

Radicioni G, Ceppe A, Ford AA, Alexis NE, Barr RG, Bleecker ER, Christenson SA, Cooper CB, Han MK, Hansel NN, Hastie AT, Hoffman EA, Kanner RE, Martinez FJ, Ozkan E, Paine R 3rd, Woodruff PG, O'Neal WK, Boucher RC, Kesimer M. Airway mucin MUC5AC and MUC5B concentrations and the initiation and progression of chronic obstructive pulmonary disease: an analysis of the SPIROMICS cohort. *Lancet Respir Med*. 2021 May 28;S2213-2600(21)00079-5. doi: 10.1016/S2213-2600(21)00079-5. Epub ahead of print. PMID: 34058148.

Zhang WZ, Hoffman KL, Schiffer KT, Oromendia C, Rice MC, Barjaktarevic I, Peters SP, Putcha N, Bowler RP, Wells JM, Couper DJ, Labaki WW, Curtis JL, Han MK, Paine R 3rd, Woodruff PG, Criner GJ, Hansel NN, Diaz I, Ballman KV, Nakahira K, Choi ME, Martinez FJ, Choi AMK, Cloonan SM. Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort. *Respir Res*. 2021 Apr 26;22(1):126. doi: 10.1186/s12931-021-01707-x. PMID: 33902556; PMCID: PMC8074408.

Kasela S, Ortega VE, Martorella M, Garudadri S, Nguyen J, Ampleford E, Pasanen A, Nerella S, Buschur KL, Barjaktarevic IZ, Barr RG, Bleecker ER, Bowler RP, Comellas AP, Cooper CB, Couper DJ, Criner GJ, Curtis JL, Han MK, Hansel NN, Hoffman EA, Kaner RJ, Krishnan JA, Martinez FJ, McDonald MN, Meyers DA, Paine R 3rd, Peters SP, Castro M, Denlinger LC, Erzurum SC, Fahy JV, Israel E, Jarjour NN, Levy BD, Li X, Moore WC, Wenzel SE, Zein J; NHLBI SubPopulations and InteRmediate Outcome Measures In COPD Study (SPIROMICS); NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Langelier C, Woodruff PG, Lappalainen T, Christenson SA. Genetic and non-genetic factors affecting the expression of COVID-19-relevant genes in the large airway epithelium. *Genome Med*. 2021 Apr 21;13(1):66. doi: 10.1186/s13073-021-00866-2. PMID: 33883027; PMCID: PMC8059115.

Rheumatology

Tieu J, Cheah JT, Black RJ, Christensen R, Ghosh N, Richards P, Robson J, Shea B, Simon LS, Singhi JA, Tugwell P, Boers M, Garibay MAA, Campochiaro C, Decary S, de Witt M, Fernandez AP, Keen HI, King L, Hinojosa-Azaola A, Hofstetter C, Gaydukova I, George MD, Gupta L, Lyne S, Makol A, Mukhtyar C, Oo WM, Petri M, Pisaniello HL, Sattui SE, Russell O, Teixeira V, Toupin-April K, Uhunmwangho C, Whitstock M, Yip K, Mackie SL, Goodman SM, Hill CL. Improving benefit-harm assessment of glucocorticoid therapy incorporating the patient perspective: The OMERACT glucocorticoid core domain set. *Semin Arthritis Rheum*. 2021 Jun 25:S0049-0172(21)00122-0. doi: 10.1016/j.semarthrit.2021.06.010. Epub ahead of print. PMID: 34253398.

Barbhaiya M, Levine JM, Bykerk VP, Jannat-Khah D, Mandl LA. Systemic rheumatic disease flares after SARS-CoV-2 vaccination among rheumatology outpatients in New York City. *Ann Rheum Dis*. 2021 Jun 22:annrheumdis-2021-220732. doi: 10.1136/annrheumdis-2021-220732. Epub ahead of print. PMID: 34158370.

Mancuso CA, Duculan R, Jannat-Khah D, Barbhaiya M, Bass AR, Mandl LA, Mehta B. Modifications in Systemic Rheumatic Disease Medications: Patients' Perspectives During the Height of the COVID-19 Pandemic in New York City. *Arthritis Care Res (Hoboken)*. 2021 Jun;73(6):909-917. doi: 10.1002/acr.24489. PMID: 33085850.

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