



# Weill Cornell Medicine

## Joan and Sanford I. Weill Department of Medicine

### What's New In Medicine

Newsletter • May 2019



What's New in Medicine, the bimonthly 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](mailto:suross@med.cornell.edu).*

## Message from the Chair



Central to our missions in the Weill Department of Medicine is to innovate in the context of the quality of patient care we deliver. In 2016, the department established a Quality University (QU-DoM) to provide a platform for junior faculty to develop novel projects in the field of quality and safety, while, at the same time, receive mentorship and training in the field. Founded by Drs. Jennifer Lee and Robert Kim, QU-DoM has been a resounding success in the context of sustained improvement and academic scholarship through publications and increasing mentorship by program graduates of trainees. Because of this success the program has grown this year to include faculty participants from other departments and NYP Nursing, and, with recognition from the medical college, will be renamed the Weill Cornell Medicine Quality Improvement Academy. We look forward to

seeing this program continue to flourish as it allows the department to continue to develop new programs in quality improvement. Next week on May 22nd in Griffis at 5 p.m. this year's graduating class will present their work in a poster session. I encourage everyone to attend.

*Tony*

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

## News



### **Dr. Reem Z. Sharaiha Appointed to Director of Interventional Endoscopy**

Dr. Sharaiha will oversee a newly expanded interventional group, as well as advanced endoscopy training at the NewYork-Presbyterian's Greenberg Pavilion and David H. Koch Center. [Read more](#)



### **Dr. Longman Appointed to Director of the Jill Roberts Center for Inflammatory Bowel Disease (JRC)**

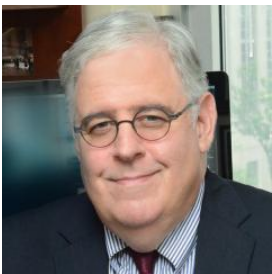
Building upon the division's strong legacy in the field of Inflammatory Bowel Disease (IBD), Dr. Longman will oversee and expand clinical, research and educational activities at the JRC.

[Read more](#)



### **The Elder Justice Champions: Collaboration, Innovation, Dedication**

Rooted in a long tradition of championing the rights of older patients, the Division of Geriatrics and Palliative Medicine has remained at the forefront of medical and social advances for more than 20 years. [Read more](#)



### **My First Rodeo: Dr. Fins Reflects on the New York-Houston Clinical Ethics Consortium**

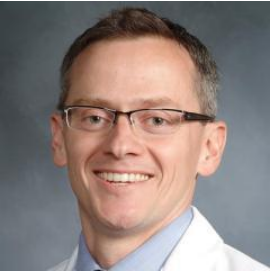
The retreat unites medical ethics faculty and clinical ethics fellows from NYP and WCM with their counterparts at Houston Methodist Hospital and Baylor College of Medicine. [Read more](#)

## Awards & Honors



### **Geriatrics on the Move: Dr. Mehta Receives Fulbright-Nehru Fellowship**

Dr. Mehta's work in the city of Pune, which is a hub for academic excellence in India, will involve implementing geriatric palliative care education for interdisciplinary providers across various healthcare settings. [Read more](#)



### **Dr. Calfee Wins Coveted Physician of the Year Award**

This award is bestowed by the Department of Nursing at NYP/WC in recognition of physicians who consistently practice with nursing and support staff in a collaborative, collegial, and respectful manner. [Read more](#)



### **Dr. Silver Receives 2019 ELN Merit Award at the 16<sup>th</sup> European LeukemiaNet Symposium**

Dr. Silver received the award in recognition of his contributions to international integration of research in the field of leukemia. [Read more](#)



### **WDOM Faculty Receive Honors at the Weill Cornell Medicine Diversity Awards Ceremony**

Two of the WDOM's faculty were honored for their outstanding service and leadership in promoting diversity in a ceremony on April 22, 2019. [Read more](#)

## News Flashes

- Congratulatory letters were sent from Martha E. Pollack, President of Cornell University, to the following faculty on their recent promotions: Dr. Richard R. Furman to Professor of Medicine and Morton Coleman, M.D. Distinguished Professor of Medicine in the Division of Hematology & Oncology; Dr. Felice Schnoll-Sussman to Professor of Clinical Medicine in the Division of Gastroenterology & Hepatology; and Dr. Jonathan W. Weinsaft to Professor of Medicine in the Division of Cardiology.
- WDOM celebrates highly successful intern match. [Read more](#)
- Dr. Rock G. Positano has co-authored a first-of-its-kind textbook entitled, *Multiple Sclerosis for the Non-Neurologist* (Wolters Kluwer). The ultimate goal of the book is to improve coordination of care and a better understanding of multiple sclerosis in order to optimize patient outcomes. Dr. Positano is a Professor and the Founder and Director of the Non-Surgical Foot and Ankle Service and the Joe DiMaggio Sports Medicine Center at Hospital for Special Surgery. [WCM Book Roundup](#)
- The WDOM has announced its 2020 Chief Residents who will be serving in the Internal Medicine Residency Training Program.



Kristina Fernandez  
Inpatient Chief



Ariel Schaap  
Inpatient Chief



Mark Sonnick  
Inpatient Chief



Alexandra King  
Ambulatory Chief



Ozan Unlu  
QI Chief

# Research Paper Highlights

## Cardiology

Kampaktsis PN, Albert BJ, Kim J, Xie LX, Brouwer LR, Tehrani NH, Villanueva M, Choi DY, Szulc M, Ratcliffe MB, Levine RA, Devereux RB, Weinsaft JW. Impact of Mitral Regurgitation Severity and Cause on Effort Tolerance-Integrated Stress Myocardial Perfusion Imaging and Echocardiographic Assessment of Patients With Known or Suspected Coronary Artery Disease Undergoing Exercise Treadmill Testing. *J Am Heart Assoc.* 2019 Mar 5;8(5):e010974. doi: 10.1161/JAHA.118.010974. PubMed PMID: 30808228; PubMed Central PMCID: PMC6474934.

Feldman DN, Wang TY, Chen AY, Swaminathan RV, Kim LK, Wong SC, Minutello RM, Bergman G, Singh HS, Madias C. In-Hospital Bleeding Outcomes of Myocardial Infarction in the Era of Warfarin and Direct Oral Anticoagulants for Atrial Fibrillation in the United States: A Report From the National Cardiovascular Data Registry Acute Coronary Treatment and Intervention Outcomes Network Registry. *J Am Heart Assoc.* 2019 Apr 16;8(8):e011606. doi: 10.1161/JAHA.118.011606. PubMed PMID: 30955406.

Merkler AE, Chen ML, Parikh NS, Murthy SB, Yaghi S, Goyal P, Okin PM, Karas MG, Navi BB, Iadecola C, Kamel H. Association Between Heart Transplantation and Subsequent Risk of Stroke Among Patients With Heart Failure. *Stroke.* 2019 Mar;50(3):583-587. doi: 10.1161/STROKEAHA.118.023622. PubMed PMID: 30744541.

## Endocrinology, Diabetes & Metabolism

Goncalves MD, Lu C, Tutnauer J, Hartman TE, Hwang SK, Murphy CJ, Pauli C, Morris R, Taylor S, Bosch K, Yang S, Wang Y, Van Riper J, Lekaye HC, Roper J, Kim Y, Chen Q, Gross SS, Rhee KY, Cantley LC, Yun J. High-fructose corn syrup enhances intestinal tumor growth in mice. *Science.* 2019 Mar 22;363(6433):1345-1349. doi: 10.1126/science.aat8515. PubMed PMID: 30898933; PubMed Central PMCID: PMC6487857.

## Gastroenterology & Hepatology

Zhou L, Chu C, Teng F, Bessman NJ, Goc J, Santosa EK, Putzel GG, Kabata H, Kelsen JR, Baldassano RN, Shah MA, Sockolow RE, Vivier E, Eberl G, Smith KA, Sonnenberg GF. Innate lymphoid cells support regulatory T cells in the intestine through interleukin-2. *Nature.* 2019 Apr;568(7752):405-409. doi: 10.1038/s41586-019-1082-x. Epub 2019 Apr 3. PubMed PMID: 30944470. **[Dr. Artis Lab]**

Shen NT, Londono C, Gold S, Wu A, Mages KC, Brown RSJ. Systematic review with meta-analysis on transplantation for alcohol-related liver disease: Very low evidence of improved outcomes. *World J Gastroenterol.* 2019 Apr 7;25(13):1628-1639. doi: 10.3748/wjg.v25.i13.1628. PubMed PMID: 30983822; PubMed Central PMCID: PMC6452234.

Ladinsky MS, Araujo LP, Zhang X, Veltri J, Galan-Diez M, Soualhi S, Lee C, Irie K, Pinker EY, Narushima S, Bandyopadhyay S, Nagayama M, Elhenawy W, Coombes BK, Ferraris RP, Honda K, Iliev ID, Gao N, Bjorkman PJ, Ivanov II. Endocytosis of commensal antigens by intestinal epithelial cells regulates mucosal T cell homeostasis. *Science.* 2019 Mar 8;363(6431). pii: eaat4042. doi: 10.1126/science.aat4042. PubMed PMID: 30846568.

## General Internal Medicine

Kennel PJ, Kneifati-Hayek J, Bryan J, Banerjee S, Sobol I, Lachs MS, Safford MM, Goyal P. Prevalence and determinants of Hyperpolypharmacy in adults with heart failure: an observational study from the National Health and Nutrition Examination Survey (NHANES). *BMC Cardiovasc Disord*. 2019 Apr 1;19(1):76. doi: 10.1186/s12872-019-1058-7. PubMed PMID: 30935411; PubMed Central PMCID: PMC6444677.

Carmel AS, Cornelius-Schechter A, Frankel B, Jannat-Khah D, Sinha S, Pelzman F, Safford MM. Evaluation of the Patient Activated Learning System (PALS) to improve knowledge acquisition, retention, and medication decision making among hypertensive adults: Results of a pilot randomized controlled trial. *Patient Educ Couns*. 2019 Mar 4. pii: S0738-3991(18)30812-7. doi: 10.1016/j.pec.2019.03.001. [Epub ahead of print] PubMed PMID: 30928344.

Corti SJ, Pizzimenti NM, McCarthy MT, Essad KM, Kutcher JS. Comparing the Acute Presentation of Sport-Related Concussion in the Pediatric and Adult Populations. *J Child Neurol*. 2019 Apr;34(5):262-267. doi: 10.1177/0883073818825031. Epub 2019 Jan 22. PubMed PMID: 30669942.

## Hematology & Medical Oncology

Trujillo-Alonso V, Pratt EC, Zong H, Lara-Martinez A, Kaittanis C, Rabie MO, Longo V, Becker MW, Roboz GJ, Grimm J, Guzman ML. FDA-approved ferumoxytol displays anti-leukaemia efficacy against cells with low ferroportin levels. *Nat Nanotechnol*. 2019 Mar 25. doi: 10.1038/s41565-019-0406-1. [Epub ahead of print] PubMed PMID: 30911166.

Leonard JP, Trneny M, Izutsu K, Fowler NH, Hong X, Zhu J, Zhang H, Offner F, Scheliga A, Nowakowski GS, Pinto A, Re F, Fogliatto LM, Scheinberg P, Flinn IW, Moreira C, Cabçadas J, Liu D, Kalambakas S, Fustier P, Wu C, Gribben JG; AUGMENT Trial Investigators. AUGMENT: A Phase III Study of Lenalidomide Plus Rituximab Versus Placebo Plus Rituximab in Relapsed or Refractory Indolent Lymphoma. *J Clin Oncol*. 2019 Mar 21;JCO1900010. doi: 10.1200/JCO.19.00010. [Epub ahead of print] PubMed PMID: 30897038.

Pastore A, Gaiti F, Lu SX, Brand RM, Kulm S, Chaligne R, Gu H, Huang KY, Stamenova EK, Béguelin W, Jiang Y, Schulman RC, Kim KT, Alonso A, Allan JN, Furman RR, Gnirke A, Wu CJ, Melnick AM, Meissner A, Bernstein BE, Abdel-Wahab O, Landau DA. Corrupted coordination of epigenetic modifications leads to diverging chromatin states and transcriptional heterogeneity in CLL. *Nat Commun*. 2019 Apr 23;10(1):1874. doi: 10.1038/s41467-019-09645-5. PubMed PMID: 31015400; PubMed Central PMCID: PMC6478836.

## Infectious Diseases

Bhagwat P, Kapadia SN, Ribaud HJ, Gulick RM, Currier JS. Racial Disparities in Virologic Failure and Tolerability During Firstline HIV Antiretroviral Therapy. *Open Forum Infect Dis*. 2019 Feb 12;6(2):ofz022. doi: 10.1093/ofid/ofz022. eCollection 2019 Feb. PubMed PMID: 30793009; PubMed Central PMCID: PMC6372057.

Osuna CE, Lim SY, Kublin JL, Apps R, Chen E, Mota TM, Huang SH, Ren Y, Bachtel ND, Tsibris AM, Ackerman ME, Jones RB, Nixon DF, Whitney JB. Evidence that CD32a does not mark the HIV-1 latent reservoir. *Nature*. 2018 Sep;561(7723):E20-E28. doi: 10.1038/s41586-018-0495-2. Epub 2018 Sep 19. Erratum in: *Nature*. 2018 Nov;563(7733):E33. PubMed PMID: 30232424.

Petratis V, Petratiene R, Maung BBW, Khan F, Alisauskaite I, Olesky M, Newman J, Mutlib A, Niu X, Satlin M, Singh RS, Derendorf H, Walsh TJ. Pharmacokinetics and Comprehensive Analysis of the Tissue Distribution of Eravacycline in Rabbits. *Antimicrob Agents Chemother*. 2018 Aug 27;62(9). pii: e00275-18. doi: 10.1128/AAC.00275-18. Print 2018 Sep. PubMed PMID: 29941646; PubMed Central PMCID: PMC6125520.

## Medical Ethics

McCarthy MW, de Asua DR, Gabbay E, Christos PJ, Fins JJ. Frequency of Ethical Issues on a Hospitalist Teaching Service at an Urban, Tertiary Care Center. *J Hosp Med*. 2019 Mar 20;14:E1-E4. doi: 10.12788/jhm.3179. [Epub ahead of print] PubMed PMID: 30897052.

Fins JJ. Once and Future Clinical Neuroethics: A History of What Was and What Might Be. *J Clin Ethics*. Spring 2019;30(1):27-34. PubMed PMID: 30896441.

Real de Asúa D, Lee K, Koch P, de Melo-Martín I, Bibler T. We don't need unilateral DNRs: taking informed non-dissent one step further. *J Med Ethics*. 2019 Mar 6. pii: medethics-2018-105305. doi: 10.1136/medethics-2018-105305. [Epub ahead of print] PubMed PMID: 30842253.

## Nephrology & Hypertension

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Lubetzky M, Hayde N, Ó Broin P, Ajaimy M, Bao Y, Mohammed O, Schwartz D, Pullman J, Akalin E. Molecular signatures and clinical outcomes of transplant glomerulopathy stratified by microvascular inflammation and donor-specific antibody. *Clin Transplant*. 2019 Mar;33(3):e13469. doi: 10.1111/ctr.13469. Epub 2019 Jan 29. PubMed PMID: 30578675.

## Rheumatology

Orange DE, Agius P, DiCarlo EF, Mirza S, Pannellini T, Szymonifka J, Jiang CS, Figgie MP, Frank MO, Robinson WH, Donlin LT, Roza C, Gravalles EM, Bykerk VP, Goodman SM. Histologic and transcriptional evidence of subclinical synovial inflammation in rheumatoid arthritis patients in clinical remission. *Arthritis Rheumatol*. 2019 Mar 5. doi: 10.1002/art.40878. [Epub ahead of print] PMID: 30835943.

Richardson SS, Kahlenberg CA, Goodman SM, Russell LA, Sculco TP, Sculco PK, Figgie MP. Inflammatory Arthritis Is a Risk Factor for Multiple Complications After Total Hip Arthroplasty: A Population-Based Comparative Study of 68,348 Patients. *J Arthroplasty*. 2019 Feb 18. pii: S0883-5403(19)30156-1. doi: 10.1016/j.arth.2019.02.018. [Epub ahead of print] PMID: 30853155.

Schwartz N, Chalasani MLS, Li TM, Feng Z, Shipman WD, Lu TT. Lymphatic Function in Autoimmune Diseases. *Front Immunol*. 2019 Mar 20;10:519. doi: 10.3389/fimmu.2019.00519. eCollection 2019. PMID: 30949174.

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