



Weill Cornell Medicine

Joan and Sanford I. Weill Department of Medicine

What's New In Medicine

Newsletter • November 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.*

Message from the Chair



Three weeks ago the Weill Department of Medicine held its 4th Annual Research Retreat. It was a pleasure to see so many of our trainees and faculty in attendance. It was especially gratifying to see our Fund for the Future awardees, selected abstract speakers and junior and senior faculty provide presentations on their work. Additionally, over 60 posters were presented in the middle of the day. As I have outlined previously, the research portfolio of our department continues to grow across all domains, and the talent and science on display during the retreat spoke to a very bright future for the Weill Department of Medicine. Finally, we were fortunate to have Dr. Mary E. Klotman, Dean, School of Medicine, Duke University, graciously attend our event for the entire day and deliver a fantastic keynote lecture. I would like to thank Joann Powell and Consuelo Izquierdo who led the effort

administratively in organizing the event. Looking forward to 5th annual retreat next fall.

Tony

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

News



Melnick Laboratory: Critical Advances for the Treatment of non-Hodgkin Lymphoma Published in Cancer Cell

Dr. Melnick and his team have developed an SIRT3-blocking compound that rapidly kills diffuse large B cell lymphoma cells in the culture dish and in mice. [Read more](#)



Education News: New Leadership for the Internal Medicine Clerkship

Dr. Aram Kim and Dr. Michael Torres-Lizardi have been appointed Associate Clerkship Directors for the Internal Medicine Clerkship. [Read more](#)



New Weill Cornell Medicine Video on Health Equity Through Diversity Initiatives

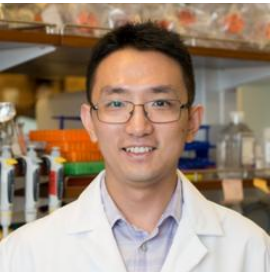
The Diversity Center of Excellence has launched programs and initiatives fostering excellence and support for underrepresented minorities. A new video highlights leaders in diversity and future strategies. [Read more](#)



Pulmonary Celebrates the Career of Dr. King and Announces a New Fund to Continue his Legacy

A tribute to Dr. Thomas K.C. King's legacy was held on October 2, 2019 at the Griffis Faculty Club as part of the division's Briscoe-King Lung Club. [Read more](#)

Awards & Honors



Dr. Guo Receives Prestigious NIH Director's New Innovator Award: Gut Microbes and Human Health

The award will fund Dr. Guo's research into how hundreds of different bacterial species living in the human gut contribute to human health and disease. [Read more](#)



Dr. Suthanthiran Delivers Oration at the 16th Congress of the Asian Society of Transplantation

Dr. Suthanthiran's talk was entitled "Monitoring the Allograft in the 21st Century: From the Microscope to Molecular Scan." [Read more](#)



Dr. Fins Receives Brain Initiative Grant from the NIH

The grant seeks to understand the opportunities and challenges posed by cognitive restoration for people with severe to moderate traumatic brain injury in the context of the Americans with Disabilities Act. [Read more](#)

News Flashes

- **Dr. Sara Czaja**, Director, Center on Aging and Behavioral Research at Weill Cornell Medicine, spoke on Capitol Hill on October 3, 2019! Speaking to the U.S. Senate Committee on Commerce, Science, and Transportation, she addressed human issues related to artificial intelligence. The following day she served as Keynote Speaker at the American Psychological Association's Conference on Aging, Mind, and Society, where she gave a talk on aging and technology systems with 500 colleagues in attendance.

Research Paper Highlights

Cardiology

Markowitz SM, Choi DY, Daian F, Liu CF, Cheung JW, Thomas G, Ip JE, Lerman BB. Regional isolation in the right atrium with disruption of intra-atrial conduction after catheter ablation of atrial tachycardia. *J Cardiovasc Electrophysiol*. 2019 Oct;30(10):1773-1785. doi: 10.1111/jce.14037. Epub 2019 Jul 9. PubMed PMID: 31225670.

Cheung JW, Cheng EP, Wu X, Yeo I, Christos PJ, Kamel H, Markowitz SM, Liu CF, Thomas G, Ip JE, Lerman BB, Kim LK. Sex-based differences in outcomes, 30-day readmissions, and costs following catheter ablation of atrial fibrillation: the United States Nationwide Readmissions Database 2010-14. *Eur Heart J*. 2019 Sep 21;40(36):3035-3043. doi: 10.1093/eurheartj/ehz151. PubMed PMID: 30927423.

Romano S, Judd RM, Kim RJ, Kim HW, Heitner JF, Shah DJ, Devereux RB, Salazar P, Trybula M, Chia RC, Evans K, Farzaneh-Far A. Prognostic Implications of Mitral Annular Plane Systolic Excursion in Patients with Hypertension and a Clinical Indication for Cardiac Magnetic Resonance Imaging: A Multicenter Study. *JACC Cardiovasc Imaging*. 2019 Sep;12(9):1769-1779. doi: 10.1016/j.jcmg.2018.10.003. Epub 2018 Nov 5. PubMed PMID: 30409557; PubMed Central PMCID: PMC6500768.

Clinical Epidemiology & Evaluative Sciences Research

Cho HR, Kim S, Lee MH. Adjusting a subject-specific time of event in longitudinal studies. *Stat Methods Med Res*. 2019 Sep 24:962280219876957. doi: 10.1177/0962280219876957. [Epub ahead of print] PubMed PMID: 31549571. **[Center for Global Health]**

Endocrinology, Diabetes & Metabolism

Shimizu H, Lu Y, Vella KR, Damilano F, Astapova I, Amano I, Ritter M, Gallop MR, Rosenzweig AN, Cohen RN, Hollenberg AN. Nuclear corepressor SMRT is a strong regulator of body weight independently of its ability to regulate thyroid hormone action. *PLoS One*. 2019 Aug 12;14(8):e0220717. doi: 10.1371/journal.pone.0220717. eCollection 2019. PubMed PMID: 31404087; PubMed Central PMCID: PMC6690520.

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Gastroenterology & Hepatology

Teng F, Goc J, Zhou L, Chu C, Shah MA, Eberl G, Sonnenberg GF. A circadian clock is essential for homeostasis of group 3 innate lymphoid cells in the gut. *Sci Immunol*. 2019 Oct 4;4(40). pii: eaax1215. doi: 10.1126/sciimmunol.aax1215. PubMed PMID: 31586011.

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Rosenblatt R, Cohen-Mekelburg S, Shen N, Tafesh Z, Lucero C, Kumar S, Fortune B, Liu SY, Brown R Jr, Jesudian A. Cirrhosis as a Comorbidity in Conditions Subject to the Hospital Readmissions Reduction Program. *Am J Gastroenterol*. 2019 Sep;114(9):1488-1495. doi: 10.14309/ajg.0000000000000257. PubMed PMID: 31180921.

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General Internal Medicine

Kern LM, Rajan M, Pincus HA, Casalino LP, Stuard SS. Changes in ambulatory utilization after switching from Medicaid fee-for-service to managed care. *Am J Manag Care*. 2019 Sep 1;25(9):e254-e260. PubMed PMID: 31518096.

Jagpal A, O'Beirne R, Morris MS, Johnson B, Willig J, Yun H, Cherrington AL, Fraenkel L, Curtis JR, Safford MM, Navarro-Millán I. Which patient reported outcome domains are important to the rheumatologists while assessing patients with rheumatoid arthritis? *BMC Rheumatol*. 2019 Sep 5;3:36. doi: 10.1186/s41927-019-0087-2. eCollection 2019. PubMed PMID: 31517249; PubMed Central PMCID: PMC6727422.

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Geriatrics & Palliative Medicine

Phongtankuel V, Burchett CO, Shalev A, Adelman RD, Prigerson HG, Czaja SJ, Dignam R, Baughn R, Reid MC. Perceptions of a Home Hospice Crisis: An Exploratory Study of Family Caregivers. *J Palliat Med*. 2019 Sep;22(9):1046-1051. doi: 10.1089/jpm.2018.0511. Epub 2019 Mar 28. PubMed PMID: 30920337; PubMed Central PMCID: PMC6735312.

Trevino KM, Rutherford SC, Marte C, Ouyang DJ, Martin P, Prigerson HG, Leonard JP. Illness Understanding and Advance Care Planning in Patients with Advanced Lymphoma. *J Palliat Med*. 2019 Oct 18. doi: 10.1089/jpm.2019.0311. [Epub ahead of print] PubMed PMID: 31633432.

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Hematology & Medical Oncology

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Infectious Diseases

Sereti I, Gulick RM, Krishnan S, Migueles SA, Palfreeman A, Touzeau-Römer V, Belloso WH, Emery S, Law MG; INSIGHT START Study Group. ART in HIV-Positive Persons With Low Pretreatment Viremia: Results From the START Trial. *J Acquir Immune Defic Syndr*. 2019 Aug 1;81(4):456-462. doi: 10.1097/QAI.0000000000002052. PubMed PMID: 31241541; PubMed Central PMCID: PMC6607914.

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Medical Ethics

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Nephrology & Hypertension

Westblade LF, Satlin MJ, Albakry S, Botticelli B, Robertson A, Alston T, Magruder M, Zhang LT, Edusei E, Chan K, Lubetzky M, Dadhania DM, Pamer EG, Suthanthiran M, Lee JR. Gastrointestinal pathogen colonization and the microbiome in asymptomatic kidney transplant recipients. *Transpl Infect Dis*. 2019 Sep 10:e13167. doi: 10.1111/tid.13167. [Epub ahead of print] PubMed PMID: 31502737.

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Pulmonary & Critical Care Medicine

Dransfield MT, Voelker H, Bhatt SP, Brenner K, Casaburi R, Come CE, Cooper JAD, Criner GJ, Curtis JL, Han MK, Hatipoğlu U, Helgeson ES, Jain VV, Kalhan R, Kaminsky D, Kaner R, Kunisaki KM, Lambert AA, Lammi MR, Lindberg S, Make BJ, Martinez FJ, McEvoy C, Panos RJ, Reed RM, Scanlon PD, Sciruba FC, Smith A, Sriram PS, Stringer WW, Weingarten JA, Wells JM, Westfall E, Lazarus SC, Connett JE; BLOCK COPD Trial Group. Metoprolol for the Prevention of Acute Exacerbations of COPD. *N Engl J Med*. 2019 Oct 20. doi: 10.1056/NEJMoa1908142. [Epub ahead of print] PubMed PMID: 31633896.

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Rheumatology

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