

Nephrology Division Newsletter

September - October 2017



Announcements

- ❖ Please support your Division colleagues at the upcoming American Society of Nephrology meeting in New Orleans (Kidney Week 2017). Below is a list of activities featuring our Faculty and Fellows:

Debates:

Biomarkers Will Change Kidney Disease Care in the Next 10 Years: CON

Chi-yuan Hsu, MD

Date/Time: Wednesday, November 1, 2017 9:00 AM – 10:00 AM

Location: Room 275 (Morial Convention Center)

Presentations:

EHR Registry-Based Cohorts for Precision Medicine

Carmen A. Peralta, MD

Date/Time: Wednesday, November 1, 2017 10:30 AM – 11:15 AM

Location: Room 280

Moderators:

Costimulation Blockade and Kidney Transplantation

Deborah B. Adey, MD

Date/Time: Friday, November 3, 2017 10:30 AM – 12:30 PM

Location: Room 282

CKD-CV Axis: Epidemiology and Outcomes

Chi-yuan Hsu, MD

Date/Time: Friday, November 3, 2017 4:30 PM – 6:30 PM

Location: Room 262 (Morial Convention Center)

Emerging Insight into Pathophysiology, Prevention, and Treatment of Sepsis-Associated AKI

Meyeon Park, MD

Date/Time: Friday, November 3, 2017 4:30 PM – 6:30 PM

Location: Auditorium B

The Slow Burn: CKD Risk Factors for Incidence and Progression

Delphine S. Tout, MD

Date/Time: Friday, November 3, 2017 4:30 PM – 6:30 PM

Location: Room 395

Going (Anti) Viral: New Approach for Treating Hepatitis C

Delphine S. Tout, MD

Date/Time: Saturday, November 4, 2017 12:45 PM – 1:45 PM

Location: Hilton Riverside, St. Charles Ballroom

Insights in APOL1 and CKD

Michelle M. Estrella, MD

Date/Time: Saturday, November 4, 2017 4:30 PM – 6:30 PM

Location: Ballroom A/B

Invited Lectures:

Year in Review 2017: Critical Care

Kathleen Liu, MD, PhD

Date/Time: Tuesday, October 31, 2017 - 10:30 AM

Location: Ballroom C

Dysnatremias in the ICU

Kathleen Liu, MD, PhD

Date/Time: Tuesday, October 31, 2017 - 11:30 AM

Location: Ballroom C

Frailty, Functional Ability, and Falls

Kirsten Johansen, MD

Date/time: Saturday, November 4, 2017 3:00 PM - 3:30 PM

Location: Auditorium C (Morial Convention Center)

Award Ceremonies:

2017 Annual Meeting of Chinese American Society of Nephrology

Young Investigator Awardee presentation: Elaine Ku, MD

Date/Time: Friday, November 3, 2017 8:15 PM – 8:30 PM

Location: New Orleans Downtown Marriott at the Convention Center, River Bend Ballroom

Oral Abstractions:

[TH-OR073] Potassium Acts through mTORC2 to Regulate SGK1 and ENaC Directly in Collecting Duct Cells

Bidisha Saha, Prasanna K. Allu, Peng Wu, WenHui Wang, David Pearce.

Date/Time: Thursday, November 2, 2017 4:54 PM - 5:06 PM

Location: Room 285

[TH-OR037] A Pilot Pragmatic Randomized Trial of CKD Screening to Improve Care Among Hypertensive Veterans

Carmen A. Peralta, Martin J. Frigaard, Anna Rubinsky, Leticia Rolon, Lowell J. Lo, Santhi Voora, Delphine S. Tuot, Neil R. Powe, Michael Shlipak.

Date/Time: Thursday, November 2, 2017 5:42 PM - 5:54 PM

Location: Room 392

[TH-OR106] Potential impact of CMS payment policy on misclassification of dialysis-requiring acute kidney injury (AKI-D) as end-stage renal disease (ESRD): a national temporal trend analysis

Benjamin J. Lee, Kirsten L. Johansen, Charles E. McCulloch, Chi-yuan Hsu.

Date/Time: Thursday, November 2, 2017 6:06 PM - 6:18 PM

Location: Room 282

[FR-OR123] Blood Pressure Lowering and Risk of Mortality in CKD: A Meta-Analysis of Randomized Controlled Trials

Rakesh Malhotra, Ruth L. Coleman, Holman Rury, Alberto Zanchetti, Ruth Peters, Nigel Beckett, Jan A. Staessen, Joachim H. Ix, Hoang Anh Nguyen, Oscar Benavente, Mihriye Mete, Jonathan Mant, Michelle Odden, Carmen A. Peralta, Alfred K. Cheung, Girish N. Nadkarni.

Date/time: Friday, November 3, 2017 6:06 PM - 6:18 PM

Location: Room 395

[SA-OR110] Kidney Tubular Dysfunction among HIV-Negative Persons Receiving Tenofovir-Based Pre-Exposure Prophylaxis

Vasantha Jotwani, Rebecca Scherzer, David V. Glidden, Steven G. Coca, Chirag R. Parikh, Robert M. Grant, Michael Shlipak.

Date/time: Saturday, November 4, 2017 5:30 PM - 5:42 PM

Location: Room 295

[SA-OR068] Low Dietary Acid Intake May Help the Kidneys Improve Exercise Capacity

Enni-Maria Hietavala, Lynda A. Frassetto.

Date/Time: Saturday, November 4, 2017 5:54 PM - 6:06 PM

Location: Room 385

[SA-OR039] Opiate Analgesics and Adverse Outcomes in Hemodialysis Patients

Julie H. Ishida, MD, MAS, Charles E. McCulloch, PhD, Michael A. Steinman, MD, Barbara A. Grimes, PhD, Kirsten L. Johansen, MD.

Date/Time: Saturday, November 4, 2017 6:06 PM - 6:18 PM

Location: Room 292

Posters: (Location: Hall G – Posters)

[TH-PO947] Higher Risk of Mortality among Girls with ESRD Is Mediated by Lower Access to Transplant

Patrick Ahearn, Kirsten L. Johansen, Barbara A. Grimes, Elaine Ku.

Date/Time: Thursday, November 2, 2017 10:00 AM to 12:00 PM

[TH-PO481] Utility of screening for albuminuria among U.S. Hispanic adults with preserved eGFR.

Harini Sarathy, MD, MHS, Kaplan RC, PhD, Lash JP, MD, Allison MA, MD, MPH, Daviglius ML, MD, PhD, Aviles-Santa L, MD, MPH, Donglin Z, PhD, Moncrieft A, PhD, Schneiderman N, PhD, Carmen Peralta, MD, MAS.

Date/Time: Thursday, November 2, 2017 10:00 AM to 12:00 PM

[TH-PO804] Validation of a New Physical Activity Instrument against Pedometers among Dialysis Patients

Piyawan Kittiskulnam, Anoop Sheshadri, Kirsten L. Johansen.

Date/Time: Thursday, November 2, 2017 10:00 AM to 12:00 PM

[TH-PO1140] Dietary Acid Load Is Associated with Greater Urinary Nitrogen and Muscle Mass Loss in CKD Patients

Larissa Rodrigues Neto Angeloco, Tanushree Banerjee, Lynda A. Frassetto.

Date/Time: Thursday, November 2, 2017 10:00 AM to 12:00 PM

[TH-PO558] Racial Disparities in Mortality in CKD versus ESRD: Results from the CRIC Study

Elaine Ku, Wei Yang, Alan S. Go, Nisha Bansal, Harold I. Feldman, Jiang He, Edward J. Horwitz, James P. Lash, Ana C. Ricardo, Tariq Shafi, James H. Sondheimer, Raymond R. Townsend, Sushrut S. Waikar, Chi-yuan Hsu.

Date/Time: Thursday, November 2, 2017 10:00 AM to 12:00 PM

[TH-PO474] Urinary Biomarkers of Tubular Damage and Risk of Cardiovascular Disease and Mortality in Elders

Vasantha Jotwani, Ronit Katz, Joachim H. Ix, Orlando M. Gutierrez, Chirag R. Parikh, Mark J. Sarnak, Michael Shlipak.

Date/Time: Thursday, November 2, 2017 10:00 AM - 12:00 PM

[TH-PO806] Time between Predicted versus Actual Time to RRT Initiation: Just How Early Are We Starting?

Elaine Ku, Charles E. McCulloch, Kirsten L. Johansen.

Date/time: Thursday, November 2, 2017 10:00 AM - 12:00 PM

[TH-PO1126] Primary Aldosteronism Associated with a Mutation of CACNA1H

Kendra E. Wulczyn, Robert L. Nussbaum, Lowell J. Lo, Edward Perez-Reyes, Meyeon Park.

Date/time: Thursday, November 2, 2017 10:00 AM - 12:00 PM

[TH-PO462] White Matter Hyperintensities and Risk for Kidney Function Decline with Intensive Blood Pressure (BP) Lowering: The Secondary Prevention of Subcortical Strokes (SPS3) Trial

Jesse C. Ikeme, Michael Shlipak, Oscar Benavente, Carmen A. Peralta.

Date/time: Thursday, November 2, 2017 10:00 AM - 12:00 PM

[TH-PO371] Angiotensin II Selectively Activates SGK1, but Not Akt, via PKCDependent Modulation of mTORC2 in Renal Tubule Epithelial Cells

Catherine Gleason, David Pearce.

Date/time: Thursday, November 2, 2017 10:00 AM - 12:00 PM

[TH-PO782] The Influence of Frailty and Body Composition on Risk of Mortality in Incident Hemodialysis Patients

Jessica Fitzpatrick, Stephen M. Sozio, Bernard G. Jaar, Michelle M. Estrella, Jose Manuel Monroy-Trujillo, Dorry L. Segev, Rulan S. Parekh, Mara McAdams-DeMarco.

Date/time: Thursday, November 2, 2017 10:00 AM - 12:00 PM

[FR-PO128] Non-recovery after dialysis-requiring acute kidney injury is associated with increased short-term mortality and cardiovascular events in incident ESRD patients

Benjamin J. Lee, Chi-yuan Hsu, Rishi V. Parikh, Thomas Leong, Thida C. Tan, Sophia Walia, Raymond K. Hsu, Kathleen D. Liu, Alan S. Go.

Date/Time: Friday, November 3, 2017 10:00 AM to 12:00 PM

[FR-PO088] Pre-Admission Proteinuria Increases Risk of Non-Recovery after Dialysis-Requiring Acute Kidney Injury

Benjamin J. Lee, Alan S. Go, Rishi V. Parikh, Thomas Leong, Thida C. Tan, Sophia Walia, Raymond K. Hsu, Chi-yuan Hsu.

Date/Time: Friday, November 3, 2017 10:00 AM to 12:00 PM

[FR-PO865] Depression Is Associated with Mortality Independent of Previous Screenings

John Sy, Kirsten L. Johansen.

Date/Time: Friday, November 3, 2017 10:00 AM to 12:00 PM

[FR-PO074] Urine Injury Biomarker Level before and after AKI: Results from the CRIC Study and CKD Biomarker Consortium

Chi-yuan Hsu, Dawei Xie, Xiaoming Zhang, Joseph V. Bonventre, Jing Chen, Paul E. Drawz, Harold I. Feldman, Alan S. Go, Edward J. Horwitz, Paul L. Kimmel, Mitchell R. Lunn, Theodore E. Mifflin, Ana C. Ricardo, Sushrut S. Waikar, Jingrong Yang, Kathleen D. Liu.

Date/Time: Friday, November 3, 2017 10:00 AM to 12:00 PM

[FR-PO097] Impact of AKI on Urine Protein Excretion

Chi-yuan Hsu, Raymond K. Hsu, Kathleen D. Liu, Amanda H. Anderson, Jing Chen, Vernon M. Chinchilli, Harold I. Feldman, Amit X. Garg, L. Lee Hamm, James S. Kaufman, Paul L. Kimmel, John W. Kusek, Chirag R. Parikh, Ana C. Ricardo, Sylvia E. Rosas, Georges Saab, Daohang Sha, James H. Sondheimer, Jonathan J. Taliencio, Wei Yang, Alan S. Go.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO098] Impact of AKI and Source of Serum Creatinine Measurements on Subsequent Kidney Function Decline

Raymond K. Hsu, Chi-yuan Hsu, Charles E. McCulloch, Jingrong Yang, Amanda H. Anderson, Jing Chen, Harold I. Feldman, Jiang He, Kathleen D. Liu, Sankar D. Navaneethan, Anna C. Porter, Mahboob Rahman, Thida C. Tan, Francis P. Wilson, Dawei Xie, Xiaoming Zhang, Alan S. Go.

Date/time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO075] Persistent Elevation of Biomarkers of Dysregulated Mineral Metabolism and Inflammation after AKI: The ASSESS-AKI Study

Kathleen D. Liu, Chi-yuan Hsu, Thida C. Tan, Valerie Arends, Amy Saenger, Chirag R. Parikh, Talat Alp Ikizler, Jonathan Himmelfarb, MarkM.Wurfel, Vernon M. Chinchilli, Paul L. Kimmel, James S. Kaufman, Alan S. Go.

Date/time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO108] Variation in Community-Based AKI Trends Using Administrative Codes versus Serum Creatinine Values Among >5 Million Adults Between 2004-2014

Alan S. Go, Chi-yuan Hsu, Thida C. Tan, Kathleen D. Liu, Sijie Zheng, Jingrong Yang.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO117] Relationship of Cardiac Biomarkers and AKI: The ASSESS-AKI Study

Kathleen D. Liu, Chi-yuan Hsu, Thida C. Tan, Valerie Arends, Amy Saenger, Chirag R. Parikh, Talat Alp Ikizler, Jonathan Himmelfarb, Mark M. Wurfel, Vernon M. Chinchilli, Paul L. Kimmel, James S. Kaufman, Alan S. Go.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO425] Self-Reported Tobacco, Alcohol, and Illicit Drug Use and Progression of CKD: The CRIC Study

Joshua D. Bundy, Lydia Bazzano, Dawei Xie, Jacqueline Dolata, Jeffrey C. Fink, Chi-yuan Hsu, Kenneth A. Jamerson, James P. Lash, Gail K. Makos, Nancy Robinson, Susan P. Steigerwalt, XueWang, Jiang He.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO570] Inflammation and Apparent Treatment Resistant Hypertension in Patients with CKD – The Results from the CRIC Study

Jing Chen, Joshua D. Bundy, L. Lee Hamm, Chi-yuan Hsu, James P. Lash, Edgar R. Miller, George Thomas, Debbie L. Cohen, Dominic S. Raj, Hsiang-Yu Chen, Dawei Xie, Panduranga S. Rao, Matthew R. Weir, Jackson T. Wright, Mahboob Rahman, Jiang He.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO774] Pre-Dialysis Cognitive Impairment and Pre-Emptive Placement of Dialysis Access: Findings from the Chronic Renal Insufficiency Cohort Study

Meera N. Harhay, Dawei Xie, Chi-yuan Hsu, Alan S. Go, Jing Chen, James P. Lash, Sanjeev Akkina, Xiaoming Zhang, Eric Vittinghoff, Stephen M. Sozio, Stephen L. Seliger, Mirela A. Dobre, Jacob B. Blumenthal, Rajat Deo, Peter P. Reese, Kristine Yaffe, Manjula Kurella Tamura.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO388] Time-Centered Approach to Understanding Progression of CKD

Elaine Ku, Charles E. McCulloch, Kirsten L. Johansen.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO950] Disaster Preparation in Kidney Transplant Patients: A Survey-Based Assessment

Shimi Sharief, Daniel J. Freitas, Deborah B. Adey, James A. Wiley.

Date/Time: Friday, November 3, 2017 10:00 AM – 12:00 PM

[FR-PO494] Reported Awareness of CKD in the United States According to KDIGO Risk Groups for Prognosis

Joanne Eve Rodrigue, Tanushree Banerjee, Delphine S. Tuot, Meda E. Pavkov, Vahakn B. Shahinian, Nilka Rios Burrows, Rajiv Saran, Neil R. Powe.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO509] Self-Reported Sleep Problems and Mortality among US Adults with and without CKD: NHANES 2007-2010

Monica Shieu, Jennifer L. Bragg-Gresham, Hal Morgenstern, Delphine S. Tuot, Deborah Rolka, Nilka Rios Burrows, Neil R. Powe, Rajiv Saran.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO506] Association of Body Composition with Frailty Status among Patients with Moderate to Advanced CKD

Cynthia Delgado, Kirsten L. Johansen.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO835] Association of Waist-to-Hip Ratio with Sudden Cardiac Death and Cardiovascular Mortality in Incident Hemodialysis Patients

Jessica Fitzpatrick, Stephen M. Sozio, Bernard G. Jaar, Michelle M. Estrella, Jose Manuel Monroy-Trujillo, Larisa G. Tereshchenko, Rulan S. Parekh.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[FR-PO620] An N-Terminal Truncated Intracellular Isoform of Matrix Metalloproteinase-2 Is Induced by Hyperglycemia and Activates a Primary Innate Immune Response In Vitro

Sang Heon Song, In Seong Park, Miyeun Han, Harin Rhee, Eun Young Seong, Dong Won Lee, Soo Bong Lee, Ihm Soo Kwak, David H. Lovett.

Date/Time: Friday, November 3, 2017 10:00 AM - 12:00 PM

[SA-PO475] Magnitude of Pre-Biopsy Decline in Renal Function and Its Association with Allograft Rejection

Santhi Voora, Patrick Ahearn, Matthew M. Tavakol, Kirsten L. Johansen, Elaine Ku.

Date/Time: Saturday, November 4, 2017 10:00 AM to 12:00 PM

[SA-PO1111] Urinary Sodium-to-Potassium Ratio Associated with Normal Blood Pressure

Tanushree Banerjee, Anthony Sebastian, Lynda A. Frassetto.

Date/Time: Saturday, November 4, 2017 10:00 AM to 12:00 PM

[SA-PO008] Renal Recovery after Dialysis-Requiring AKI Is Associated with Decreased Short-Term Mortality

Benjamin J. Lee, Chi-yuan Hsu, Rishi V. Parikh, Thomas Leong, Thida C. Tan, Sophia Walia, Raymond K. Hsu, Kathleen D. Liu, Alan S. Go.

Date/Time: Saturday, November 4, 2017 10:00 AM to 12:00 PM

[SA-PO891] Relation of Dietary Acid Load to Bone Mineral Density (BMD) and Osteoporosis in Early CKD

Tanushree Banerjee, Chi-yuan Hsu, Austin G. Stack, Nilka Rios Burrows, Rajiv Saran, Neil R. Powe.

Date/Time: Saturday, November 4, 2017 10:00 AM - 12:00 PM

[SA-PO440] Treatment of Depression Symptoms Is Associated with Attenuated Risk of All-Cause Mortality among Patients with CKD

Delphine S. Tuot, Keith C. Norris, Jennifer J. Gassman, Elaine Ku.

Date/Time: Saturday, November 4, 2017 10:00 AM - 12:00 PM

[SA-PO493] Variable Presentation and Histologic Findings in JC Nephropathy

Brian K. Lee, Kuang-Yu Jen, Zoltan G. Laszik.

Date/Time: Saturday, November 4, 2017 10:00 AM - 12:00 PM

[SA-PO466] Kidney Transplantation across Strong Donor-Specific HLA-DP Antibodies

Patrick Ahearn, Rajalingam Raja, Allison B. Webber, Kelly J. Cunniffe, David Gae, Matthew Mehdi Tavakol, Garrett Roll, Gilberto Da Gente, Ryutaro Hirose, John Roberts.

Date/Time: Saturday, November 4, 2017 10:00 AM - 12:00 PM

[SA-PO1049] Signaling through the Angiotensin-II Type 2 Receptor (AT2R) Suppresses AT1R-Induced SGK1 Phosphorylation and NHE3 Activity

Vikram Suri, David Pearce.

Date/Time: Saturday, November 4, 2017 10:00 AM - 12:00 PM

[SA-PO422] Nephrologist-Reported Symptoms and Their Impacts on Patients with Anemia Associated with CKD

Tony Okoro, Kirsten L. Johansen, Susan Mathias, Hilary H. Colwell, Steven I. Blum, Vanja Sikirica.

Date/Time: Saturday, November 4, 2017 10:00 AM - 12:00 PM

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