

Nephrology Division Newsletter

September – October 2020

Special ASN Kidney Week Newsletter



at



Congrats for all our fellows and faculty for presenting their research at the ASN Oct 20-25!

Moderators:

Kathleen Liu, MD, PhD

Quality Metrics in CRRT: Beyond Timing and Dose, Including the burton D. Rose, MD, Endowed Leadership

October 22, 2020 | 10:00AM – 12:00PM | On-Demand

Anthony Muiru, MD

A Clinician's Guide to Managing Patients with HIV and CKD

October 22, 2020 | 10:00AM – 12:00PM | On-Demand

Cynthia Delgado, MD

I Want Muscle: The Goods and Bads of Nutrition and Exercise in Kidney Disease

October 25, 2020 | 10:00AM – 12:00PM | On-Demand

Raymond, Hsu, MD

Controversies at the Cutting Edge of AKI

October 25, 2020 | 2:30PM – 4:30PM | On-Demand

Delphine Tuot, MD

Harnessing the Electronic Health Record to Improve Care in Kidney Disease

October 25, 2020 | 2:30PM – 4:30PM | Simulive

Speakers:

Kathleen Liu, MD, PhD

COVID-19 Associated AKI: Etiology and Pathophysiology

October 22, 2020 | 10:30AM– 11:00AM | Simulive

Michelle Estrella, MD

Tenofovir Nephrotoxicity in Pre-exposure Prophylaxis and Treatment of HIV Infection

October 22, 2020 | 10:30AM– 11:00AM | On-Demand

Kathleen Liu, MD, PhD

Year in review 2020: Critical Care

October 22, 2020 | 12:00PM – 12:00PM | On-Demand

Shuvo Roy, PhD

Innovations and Advances in Wearable and Implantable Artificial Kidneys

October 23, 2020 | 10:30AM – 11:00AM | Live-Streamed

Neil Powe, MD

Incorporating Ancestry in Medicine: Subjective versus Objective Tools

October 24, 2020 | 3:00PM – 3:30PM | Live-Streamed

Alan Go, MD

Using Novel Technology to Improve BP Control in Large Healthcare Systems

October 25, 2020 | 11:30AM – 12:00PM | Live-Streamed

Posters:

[INFO10] Monitoring Public Awareness, Burden, Risk Factors, and Care of Kidney Disease in the US: The Centers for Disease Control and Prevention's (CDC) Chronic Kidney Disease (CKD) Surveillance System

Saran, Rajiv; Burrows, Nilka Rios; Powe, Neil R.

[INFO23] PODO: A Phase 2 Multicenter, Open-Label, Adaptive, Sequential Cohort Trial of PF-06730512 in Adult Subjects with Focal Segmental Glomerulosclerosis (FSGS)

Berasi, Stephen; Fornoni, Alessia; Lafayette, Richard A.; Tumlin, James A.; Ayoub, Isabelle; Mandayam, Sreedhar A.; McMahon, Alan W.; Awad, Ahmed M.; Rizk, Dana; Peev, Vasil; Kamil, Elaine S.; Vincenti, Flavio; Mottl, Amy K.; El-Shahawy, Mohamed A.; Levy, Daniel I.; Gorman, Donal; Copley, J. Brian

[PO0005] Regional Variation in Recovery of Kidney Function in Patients Requiring Maintenance Hemodialysis with Acute Tubular Necrosis

Kwong, Yuenting Diana; Johansen, Kirsten L.; McCulloch, Charles E.; Liu, Kathleen D.; Grimes, Barbara A.; Ku, Elaine

[PO0048] Trends in Nephrology Follow-Up After an Episode of AKI in US Veterans

Sohaney, Ryann; Houssam; Yin, Maggie; Steffick, Diane; Shahinian, Vahakn; Burrows, Nilka Rios; Pavkov, Meda E.; Hsu, Raymond K.; Powe, Neil R.; Zivin, Kara; Saran, Rajiv; Heung, Michael

[PO0049] Preoperative Urine Alpha 1 Microglobulin Levels Are Associated with AKI and Mortality After Cardiac Surgery

Amatruda, Jonathan G.; Garg, Amit X.; Thiessen Philbrook, Heather; McArthur, Eric; Coca, Steven G.; Parikh, Chirag R., Shlipak, Michael

[PO0055] Erythropoiesis-Stimulating Agents in AKI Requiring Dialysis

Mccoy, Ian; Liu, Kathleen D., Hsu, Chi-yuan

[PO0096] Risk Factors for Patient Subgroups with Distinct Health Utility Profiles Following AKI

Kwong, Yuenting Diana; Liu, Kathleen D.; Kellum, John A.; Miasowski, Christine

[PO0139] Urine Biomarkers and Risk of Long-Term Kidney Outcomes After Cardiac Surgery: the TRIBE-AKI Study

Menez, Steven; Moledina, Dennis G.; Garg, Amit X.; Thiessen Philbrook, Heather; McArthur, Eric; Jia, Yaqi; Obeid, Wassim; Mansour, Sherry; Shlipak, Michael; Coca, Steven G.; Parikh, Chirag R.

[PO0340] The Vitamin D Metabolite Ratio and Change in Bone Density and Fracture Risk in Older Adults

Ginsberg, Charles; Katz, Ronit; Hoofnagle, Andrew N.; Hughes-Austin, Jan M.; Miller, Lindsay M.; Becker, Jessica Osborn; Kritchevsky, Stephen B.; Shlipak, Michael; Sarnak, Mark J.; Ix, Joachim H.

[PO0341] The Vitamin D Metabolite Ratio Is Independent of Vitamin D Binding Protein Concentration

Ginsberg, Charles; Hoofnagle, Andrew N.; Katz, Ronit; Becker, Jessica Osborn; Kritchevsky, Stephen B.; Shlipak, Michael; Sarnak, Mark J.; Ix, Joachim H.

[PO0347] Intact and C-Terminal Fibroblast Growth Factor 23 Assays: Do Kidney Function, Inflammation, and Iron Deficiency Influence Relationships with Clinical Outcomes?

Sharma, Shilpa; Katz, Ronit; Bullen, Alexander; Houben, Alfons Jhm; Shlipak, Michael; Ix, Joachim H.

[PO0423] NSAID Use Is Not Associated with Kidney Injury or Dysfunction in Ambulatory Older Adults

Amatruda, Jonathan G.; Sarathy, Harini; Peralta, Carmen A.; Estrella, Michelle M.; Katz, Ronit; Ix, Joachim H.; Fried, Linda F.; Parikh, Chirag R.; Newman, Anne B.; Sarnak, Mark J.; Shlipak, Michael

[PO0427] Kidney Tubular Injury and Dysfunction Relate to Frailty and Cognitive Function in Persons with CKD in SPRINT

Miller, Lindsay M.; Kurella Tamura, Manjula; Pajewski, Nicholas M.; Weiner, Daniel E.; Rifkin, Dena E.; Shlipak, Michael; Ix, Joachim H

[PO0428] Association of Kidney Tubule Injury and Dysfunction with Cognitive Function in the Health, Aging and Body Composition Study

Miller, Lindsay M.; Potok, O. Alison; Rifkin, Dena E.; Sarnak, Mark J., Drew, David A.; Fried, Linda F.; Shlipak, Michael; Ix, Joachim H.

[PO0443] Biomarkers of Immune Activation and ESKD: Results from AASK

Chen, Teresa K.; Estrella, Michelle M.; Appel, Lawrence J.; Coresh, Josef; Luo, Shengyuan; Reiser, Jochen; Obeid, Wassim; Parikh, Chirag R.; Grams, Morgan

[PO0475] Low Documentation of Social Determinants of Health Among US Veterans and Medicare Patients with CKD

Han, Yun; Yin, Maggie; Steffick, Diane; Wyncott, April; Bragg-Gresham, Jennifer L.; Zivin, Kara; Burrows, Nilka Rios; Mercado, Carla I.; Tuot, Delphine S.; Powe, Neil R.; Saran, Rajiv

[PO0488] High Prevalence of CKD Among Individuals Living with HIV in the United States

Bragg-Gresham, Jennifer L.; Andrews, Ann; Morgenstern, Hal; Gillespie, Brenda W.; Powe, Neil R.; Banerjee, Tanushree; Saran, Rajiv

[PO0506] Urine Albumin and Serum Creatinine Dual Testing in US Veterans: Trends and Associations with Subspecialty Care

Bhave, Nicole M.; Han, Yun; Steffick, Diane; Bragg-Gresham, Jennifer L.; Zivin, Kara; Burrows, Nilka Rios; Pavkov, Meda E.; Tuot, Delphine S.; Powe, Neil R.; Saran, Rajiv

[PO0513] Variation in Kidney Failure Risk Across Health Organizations Among Adults with CKD in Nephrology Ambulatory Care

Session Title: CKD Health Services Research

Chu, Chi D.; Powe, Neil R.; Shlipak, Michael G.; Scherzer, Rebecca; Tummalapalli, Sri Lekha; Estrella, Michelle M.; Tuot, Delphine S.

[PO0580] Interdisciplinary Care Improves Patient Preparedness for ESRD in a High-Risk Patient Population with CKD

Prudhvi, Kalyan; Sedaliu, Kaltrina; Estrella, Michelle M.; Boulware, L. Ebony; Melamed, Michal L.; Johns, Tanya S.

[PO1073] Implication of Trends in Timing of Dialysis Initiation on Population Incidence of ESRD

Hsu, Chi-yuan; Parikh, Rishi V.; Pravoverov, Leonid; Zheng, Sijie; Glidden, David V.; Tan, Thida C.; Go, Alan S.

[PO1110] Comparison of Mortality Risk Across Deciles of Cystatin C and Creatinine Among US Veterans

Wenziger, Cachet; Streja, Elani; Sy, John; Tantisattamo, Ekamol; Hanna, Ramy Magdy; Shlipak, Michael; Kovesdy, Csaba P.; Crowley, Susan T.; Kalantar-Zadeh, Kamyar

[PO1575] Design and Basic Characteristics of a National Patient Registry in ADPKD

Hoover, Elise; Baron, David; Benson, Beverly A.; Gitomer, Berenice Y.; Kleber, Klee Robert; Manelli, Amy; Mrug, Michal; Park, Meyeon; Rusconi, Chris; Seliger, Stephen L.; Perrone, Ronald D.; Watnick, Terry J.

[PO1638] The Distribution of APOL1 Risk Variants and Their Association with CKD in Rural East Africa: The SEARCH-CKD Study

Muiru, Anthony N.; Elly, Assurah Wandago; Kabami, Jane; Atukunda, Mucunguzi; Chan, Wendy; Puck, Jennifer; Charlebois, Edwin; Havlir, Diane; Kanya, Moses; Estrella, Michelle M.; Hsu, Chi-yuan

[PO1681] Using the Difference in Estimated Glomerular Filtration Rate by Cystatin C vs. by Serum Creatinine (eGFRDiff) to Assess Muscle Mass and Frailty in Older Adults

Potok, O. Alison; Ix, Joachim H.; Shlipak, Michael; Bansal, Nisha; Katz, Ronit; Kritchevsky, Stephen B.; Rifkin, Dena E.

[PO1682] The Difference in eGFR by Cystatin C vs. Creatinine Is Strongly Associated with Mortality Independent of Measured GFR

Potok, O. Alison; Rifkin, Dena E.; Ix, Joachim H.; Shlipak, Michael; Schneider, Alice; Mielke, Nina; Schaeffner, Elke; Ebert, Natalie

[PO2023] Trends in the Prevalence of Food Insecurity Across Racial-Ethnic Groups with CKD: An Analysis of NHANES 2003-2016

Banerjee, Tanushree; Crews, Deidra C.; McCulloch, Charles E.; Burrows, Nilka Rios; Siegel, Karen R.; Saran, Rajiv; Han, Yun; Powe, Neil R.

[PO2066] Angiotensin converting enzyme inhibitor and angiotensin receptor blocker use among hypertensive U.S. adults by albuminuria status, 2013-2018

Chu, Chi D.; Powe, Neil R.; McCulloch, Charles E.; Banerjee, Tanushree; Crews, Deidra C.; Saran, Rajiv; Bragg-Gresham, Jennifer; Morgenstern, Hal; Pavkov, Meda E.; Saydah, Sharon H.; Tuot, Delphine S.

[PO2083] Left Atrial Strain Measurements Are Associated with Cardiovascular Outcomes in Patients with ESRD

Dubin, Ruth F.; Ayer, Amrita S.; Donovan, Catherine L.; Nelson, Lauren; Shah, Sanjiv

[PO2094] Intensive BP Control Associates with Better Kidney Outcomes in Individuals with APOL1 High-Risk Genotypes

Dinh, Alex; Copeland, Timothy P.; Ix, Joachim H.; Freedman, Barry I.; McCulloch, Charles E.; Ku, Elaine

[PO2154] Identification of Novel Biomarkers and Pathways for Coronary Artery Calcification in Non-Diabetic Patients on Hemodialysis Using Metabolomic Profiling

Chen, Wei; Fitzpatrick, Jessica; Sozio, Stephen M.; Jaar, Bernard G.; Estrella, Michelle M.; Riascos-Bernal, Dario F.; Wu, Tong tong; Qiu, Yunping; Kurland, Irwin J.; Dubin, Ruth F.; Chen, Yabing; Parekh, Rulan S.; Bushinsky, David A.; Sibinga, Nicholas

[PO2251] Kidney Filtration Markers in Human Saliva: Accuracy and Reproducibility of Novel Salivary Cystatin C Measurements

Kalantar-Zadeh, Kamyar; Beshay, Manal; Rhee, Connie; Nguyen, Trong Duc; Ortega, Maria; Shlipak, Michael; Nguyen, Danh V.

[PO2294] Children with a History of Low Birth Weight (LBW) Show Greater Reduction in Kidney Function Than Previously Described Using the Updated Schwartz Equation

Brathwaite, Kaye E.; Levy, Rebecca; Sarathy, Harini; Agalliu, Ilir; Johns, Tanya S.; Reidy, Kimberly J.; Kaskel, Frederick J.; Melamed, Michal L.

[PO2325] Association of Environmental Tobacco Exposure with Blood Pressure in US Children

Levy, Rebecca; Brathwaite, Kaye E.; Sarathy, Harini; Reidy, Kimberly J.; Kaskel, Frederick J.; Melamed, Michal L.

[PO2418] Design of the Graft Improvement Following Transplant (GIFT) Trial, a Phase 3 Study of ANG-3777 in Kidney Transplantation Patients with Delayed Graft Function

Vincenti, Flavio; Mayne, Tracy J.; Gouveia, Deb; Neylan, John F.

[PO2493] Racial Disparities in Receipt of Medications for Secondary Prevention of Cardiovascular Disease in Kidney Transplant Recipients in the FAVORIT Trial

Fallahzadeh Abarghouei, Mohammad Kazem; Ku, Elaine; Chu, Chi D.; McCulloch, Charles E.; Tuot, Delphine S.

[PO2520] Variations in Practice Patterns in Eligibility Assessments Across Kidney Transplant Programs in the United States

Whelan, Adrian; Lee, Brian K.; Adey, Deborah B.; Nallapothula, Dhiraj; Ku, Elaine

[PO2614] Renin Does Not Associate with Mortality or AKI in Acute Respiratory Distress Syndrome

Mccoy, Ian; Matthay, Michael; Abbott, Jason; Hsu, Chi-yuan; Liu, Kathleen D.

Oral Abstracts:

[SA-OR31] Small Molecule Inhibitor of TMEM16A Chloride Channel Blocks Vascular Smooth Muscle Contraction and Lowers Blood Pressure in Spontaneously Hypertensive Rats

October 24, 2020 | Location: Simulive

Abstract Time: 05:00 PM - 07:00 PM

Cil, Onur; Chen, Xiaolan; Askew Page, Henry; Jordan, Maria C.; Myat Thwe, Pyone; Baldwin, Samuel Neil; Anderson, Marc O.; Greenwood, Iain A.; Roos, Kenneth P.; Verkman, Alan S.

[SA-OR37] Prediction of Atrial Fibrillation Using Clinical and Cardiac Biomarker Data: The CRIC Study

October 24, 2020 | Location: Simulive

Abstract Time: 05:00 PM - 07:00 PM

Zelnick, Leila R.; Shlipak, Michael; Soliman, Elsayed Z.; Anderson, Amanda Hyre; Christenson, Robert; Lash, James P.; Deo, Rajat; Rao, Panduranga S.; Afshinnia, Farsad; Chen, Jing; He, Jiang; Seliger, Stephen L.; Townsend, Raymond R.; Cohen, Debbie L.; Go, Alan S.; Bansal, Nisha

[SU-OR16] Proteomic Risk Assessment of CKD Progression in the Chronic Renal Insufficiency Cohort

October 25, 2020 | Location: Simulive

Abstract Time: 05:00 PM - 07:00 PM

Dubin, Ruth F.; Deo, Rajat; Zheng, Zihe; Shou, Haochang; Ren, Yue; Li, Hongzhe; Segal, Mark; Feldman, Harold I.; Ganz, Peter.

[SU-OR41] Differences in Kidney Failure Risk by Race/Ethnicity at the Time of GFR-Based Transplant Eligibility

October 25, 2020 | Location: Simulive

Abstract Time: 05:00 PM - 07:00 PM

Chu, Chi D., Powe, Neil R.; Tuot, Delphine S.