

Nephrology Division Newsletter

Special ASN Kidney Week Newsletter



at



UCSF at ASN Kidney Week Philadelphia, PA
November 1st – November 5th, 2023

Endowed Lectureship

Flavio Vincenti, MD

Novel Therapeutic Targets to Control Humoral Responses in Desensitization and ABMR: The Barbara T. Murphy, MB BAO BCh, Endowed Lectureship

November 04, 2023 | 12:00 PM - 12:30 PM

Location: Room 115, Pennsylvania Convention Center

Speakers

Onur Cil, MD, PhD

Chloride Transport Modulators as Drug Candidates

November 02, 2023 | 12:00 PM - 12:30 PM

Location: Room 114 (Nutter Theatre), Pennsylvania Convention Center

Cynthia Delgado, MD, FASN

Functionality and Quality of Life: Experiences of People with Physical Disabilities

November 02, 2023 | 02:30 PM - 03:00 PM

Location: Room 119, Pennsylvania Convention Center

Chi-yuan Hsu, MD, MS, MSc, FACP

Set Them Free: How to Liberate AKI-D Survivors

November 03, 2023 | 10:30 AM – 12:30 PM

Location: Room 201, Pennsylvania Convention Center

Anatoly Urisman, MD, PhD

Renal Pathology Case Study 1

November 04, 2023 | 10:30 AM - 11:00 AM

Location: Ballroom B, Pennsylvania Convention Center

Shuvo Roy, PhD

The Wearable or Implantable (Bio)Artificial Kidney in 2023 and Beyond

November 04, 2023 | 11:10 AM - 11:50 AM

Location: Room 113, Pennsylvania Convention Center

Meyeon Park, MD

Genetics in Nephrology: What are we missing?

Saturday, November 04 | 1:00 PM – 1:45 PM

Location: Pennsylvania Convention Center, Theater 2

Ian Ellis McCoy, MD, MS, FASN

Press Your Luck: Targets and Tactics to Manage BP in AKI Survivors

November 04, 2023 | 2:00 PM to 4:00 PM

Location: Room 204, Pennsylvania Convention Center

Chi-yuan Hsu, MD, MS, MSc, FACP

BP Targets in Patients Treated with Hemodialysis

November 05, 2023 | 10:00 AM – 10:30 AM

Location: Room 113, Pennsylvania Convention Center

Moderators

Meyeon Park, MD, FASN

Dietary and Metabolic Interventions in ADPKD: The Rationale and Clinical Benefit

November 03, 2023 | 4:30 PM – 6:00 PM

Location: Room 114 (Nutter Theatre), Pennsylvania Convention Center

Delphine S. Tuot, MD

Controversies in CKD: Honoring Jerry Yee

November 04, 2023 | 10:30 AM - 12:30 PM

Location: Room 204, Pennsylvania Convention Center

Zoltan G. Laszik, MD, PhD

Advances in the Use of Immunofluorescence and Immunohistochemistry in Kidney Biopsy Evaluation

November 04, 2023 | 02:00 PM - 04:00 PM

Location: Room 113, Pennsylvania Convention Center

Teresa K. Chen, MD

Epidemiology of CKD Progression: Who, Why and When?

November 04, 2023 | 04:30 PM – 06:00 PM

Location: Room 119, Pennsylvania Convention Center

Harini Sarathy, MD, MS

Hemodialysis Care: Cardiovascular and Patient-Reported Outcomes

November 04, 2023 | 04:30 PM - 06:00 PM

Location: Room 120, Pennsylvania Convention Center

Kathleen D. Liu, MD, PhD, FASN

Fluid Management in High-Risk Populations

November 05, 2023 | 09:30 AM – 11:30 AM

Location: Room 201, Pennsylvania Convention Center

Rafia Chaudhry, MD, FASN

Peritoneal Dialysis: How Much Is Adequate and How Can We Improve?

November 05, 2023 | 09:30AM – 11:30 AM

Location: Room 111, Pennsylvania Convention Center

Oral Abstracts

[TH-OR45] Higher Patient-to-Patient Care Technician Ratios Associated with Worse Outcomes Among US In-Center Hemodialysis Patients

November 02, 2023 | 05:06 PM - 05:15 PM

Location: Room 120, Pennsylvania Convention Center

Plantinga, Laura; Bender, Alexis A.; Urbanski, Megan; Hoge, Courtney E.; Morgan, Jennifer Craft; Jaar, Bernard G.

[FR-OR01] AKI Is Associated with Long-Term Decline in Cognitive Function at 3 Years: ASSESS-AKI Study

November 03, 2023 | 04:30 PM - 04:39 PM

Location: Room 118, Pennsylvania Convention Center

Bhatraju, Pavan K.; Zelnick, Leila R.; Siew, Edward D.; Menez, Steven; Chinchilli, Vernon M.; Coca, Steven G.; Kaufman, James S.; Kimmel, Paul L.; Parikh, Chirag R.; Go, Alan S.; Ikizler, Talat Alp; Himmelfarb, Jonathan; Wurfel, Mark M.

[FR-OR19] Identification of genes and regulatory elements affecting human kidney function

November 03, 2023 | Location: Room 105 (Pennsylvania Convention Center)

Abstract Time: 5:42 PM - 5:51 PM

Loeb, Gabriel; Kathail, Pooja; Shuai, Richard W.; Chung, Ryan K.; Grona, Reinier John; Peddada, Sailaja; Sevim, Volkan; Federman, Scot M.; Mader, Karl A.; Chu, Audrey Y.; Davitte, Jonathan M.; Shafer, Shawn L.; Przybyla, Laralynne; Ioannidis, Nilah; Reiter, Jeremy.

[FR-OR22] Critical Role of mTORC2 in Maintaining Sodium and Potassium Balance: Implications for Aldosterone-Independent Regulation of Epithelial Sodium Channel (ENaC) in the Distal Nephron

November 03, 2023 | 04:39 PM - 04:48 PM

Location: Room 111, Pennsylvania Convention Center

Saha, Bidisha; Demko, John; Takagi, Enzo; Pearce, David.

[FR-OR44] Initiation of ACE Inhibitor and ARBs in Patients with Advanced CKD

November 03, 2023 | 04:57 PM - 05:06 PM

Location: Room 119, Pennsylvania Convention Center

Ku, Elaine; Inker, Lesley Ann; Tighiouart, Hocine; Mcculloch, Charles E.; Adingwupu, Ogechi M.; Greene, Tom; Sarnak, Mark J.

[FR-OR53] Clinicopathologic Features of Anti-Brush Border Antibody Disease: A Series of 66 Patients

November 03, 2023 | 04:48 PM - 04:57 PM

Location: Room 109, Pennsylvania Convention Center

Murphy, Joel D.; Caza, Tiffany; Cassol, Clarissa Araujo; Walker, Patrick D.; Sharma, Shree G.; Ambruzs, Josephine M.; Boils, Christie L.; Andeen, Nicole K.; Palmer, Matthew; Urisman, Anatoly; Larsen, Christopher Patrick.

[FR-OR93] Polygenic Scores for Incident Myocardial Infarction in CKD

November 03, 2023 | 04:48 PM - 04:57 PM

Location: Room 103, Pennsylvania Convention Center

Marthi, Amarnath; He, Jiang; Rao, Panduranga S.; Go, Alan S.; Ricardo, Ana C.; Li, Yun; Franceschini, Nora.

[SA-OR07] Association of Post-Hospitalization Vascular Biomarker Clusters with Future Heart Failure

November 04, 2023 | 05:24 PM - 05:33 PM

Location: Room 118, Pennsylvania Convention Center

Shi, Audrey; Andrawis, Anna Simone; Obeid, Wassim; Go, Alan S.; Liu, Kathleen D.; Wurfel, Mark M.; Himmelfarb, Jonathan; Parikh, Chirag R.; Bhatraju, Pavan K.; Chinchilli, Vernon M.; Kimmel, Paul L.; Kaufman, James S.; Coca, Steven G.; Reeves, William Brian; Garg, Amit X.; Siew, Edward D.; Ikizler, Talat Alp; Thiessen Philbrook, Heather.; Hsu, Chi-yuan; Prince, David K.; Wilson, Francis Perry; Mansour, Sherry.

[SA-OR09] Dialysis Weaning Is Uncommon in the Treatment of Outpatient AKI Requiring Dialysis (AKI-D)

November 04, 2023 | 05:42 PM - 05:51 PM

Location: Room 118, Pennsylvania Convention Center

McCoy, Ian; Weinhandl, Eric D.; Hussein, Wael F.; Hsu, Chi-yuan.

[SA-OR10] Prediction of Postdischarge Kidney Disease Progression Among Patients with Hospitalized AKI: The ASSESS-AKI Study

November 04, 2023 | 05:51 PM - 06:00 PM

Location: Room 118, Pennsylvania Convention Center

Menez, Steven; Kerr, Kathleen F.; Cheng, Si; Hu, David; Thiessen Philbrook, Heather; Moledina, Dennis G.; Mansour, Sherry; Go, Alan S.; Ikizler, Talat Alp; Kaufman, James S.; Kimmel, Paul L.; Himmelfarb, Jonathan; Coca, Steven G.; Parikh, Chirag R.

[SA-OR27] Kidney Transplant Graft Loss During 2020

November 04, 2023 | 05:24 PM - 05:33 PM

Location: Room 107, Pennsylvania Convention Center

Johansen, Kirsten L.; Gilbertson, David T.; Liu, Jiannong; Horak, Kayla L.; Ku, Elaine.

[SA-OR34] Discrepancy Between eGFR Cystatin C and eGFR Creatinine in Recently Hospitalized Adults

November 04, 2023 | 05:24 PM - 05:33 PM

Location: Room 119, Pennsylvania Convention Center

Wen, Yumeng; Farrington, Danielle Kacie; Thiessen Philbrook, Heather; Menez, Steven; Moledina, Dennis G.; Coca, Steven G.; Ikizler, Talat; Go, Alan S.; Hsu, Chi-yuan; Himmelfarb, Jonathan; Chinchilli; Kaufman, James S.; Kimmel, Paul L.; Garg, Amit X.; Grams, Morgan; Parikh, Chirag R.

[SA-OR52] Use and Association of Rate Control and Anti-Arrhythmic Medications with Risk of Subsequent Stroke and Mortality Among Hemodialysis Patients with Atrial Fibrillation

November 04, 2023 | 05:06 PM - 05:15 PM

Location: Room 120, Pennsylvania Convention Center

Lidgard, Benjamin; Zelnick, Leila R.; An, Jaejin; Harrison, Teresa N.; Lee, Ming-Sum; Singer, Daniel E.; Go, Alan S.; Bansal, Nisha.

[SA-OR74] Dietary Inflammatory Potential and Kidney Function in the Hispanic Community Health Study/Study of Latinos

November 04, 2023 | 05:24 PM - 05:33 PM

Location: Room 109, Pennsylvania Convention Center

Johns, Tanya S.; Mattei, Josiemer; Estrella, Michelle; Sotres-Alvarez, Daniela; Daviglus, Martha L; Mossavar-Rahmani, Yasmin; Melamed, Michal L.

Top Poster Talk

John Demko, MD

mTORC2 Coordinates Renal Gluconeogenesis and Glucose Reabsorption

November 03, 2023 | 1:00 PM – 2:00 PM

Location: Futures Theatre, Exhibit Hall

Posters

November 3rd – 5th, 2022 | 10:00 AM - 12:00 PM | Location: Exhibit Hall, Pennsylvania Convention Center

[TH-PO127] Multi-Trait Genome-Wide Association Study (GWAS) and Functional Genomics Identifies Novel Genetic Traits and Dynamic Networks for FGF23

Perwad, Farzana; Vartanian, Nicholas; Akwo, Elvis Abang; Robinson-Cohen, Cassianne.

[TH-PO173] Plasma Biomarkers and Mortality Among REGARDS Participants with Diabetes and CKD

Chen, Teresa; Estrella, Michelle; Katz, Ronit; Sarnak, Mark J.; Grams, Morgan; Cushman, Mary; Parikh, Chirag R.; Gutierrez, Orlando M.; Ix, Joachim H.; Shlipak, Michael.

[TH-PO209] Large Artery Stiffness and New-Onset Diabetes in the Chronic Renal Insufficiency Cohort
Sarathy, Harini; Townsend, Raymond R.; Rahman, Mahboob; Chirinos, Julio Alonso; Cohen, Jordana B.

[TH-PO228] Risk Factors for Progressive Cardiorenal Syndrome in CKD Patients
Chen, Jing; Hamm, L. Lee; Jaar, Bernard G.; He, Hua; Zhao, Cong; Geng, Siyi; Anderson, Amanda Hyre; Batuman, Vecihi; Bundy, Joshua David; Taliencio, Jonathan J.; Rao, Panduranga S.; Schrauben, Sarah J.; Djokic, Milica; Merriman, Joel; Rodriguez Mendez de Sosa, Giselle M.; Go, Alan S.; Lash, James P.; He, Jiang.

[TH-PO639] The Natural History of Focal and Segmental Glomerulosclerosis (FSGS)
Poyan-Mehr, Ali; Li, Tingting; Hsu, Raymond K.; Singh, Tripti; Messias, Nidia Cordeiro; Wiegley, Nasim; Jen, Kuang-Yu; Lecker, Stewart H.; Arora, Swati; Waguespack, Dia Rose; Tchakarov, Amanda; Mendelssohn, Nancy D.; Divya; , Iyad S. M.; Legenzoff, Timothy; Sandhu, Tejwinder S.; Drozd, Alice J.; Mena, Jose D.; Sood, Ria Sonya; Sanchez, Gabriela; Yip, Jennifer; Stillman, Isaac Ely.

[TH-PO804] Biopsy Features of Initial KPMP Participants with CKD and Diabetes or Hypertension
Limonte, Christine P.; Nam, Yunbi; Laszik, Zoltan G.; Barisoni, Laura; Henderson, Joel M.; McMahon, Gearoid M.; Stillman, Isaac Ely; Taliencio, Jonathan J.; Vazquez, Miguel A.; Berry, Brooke; Poggio, Emilio D.; Alpers, Charles E.; Rosas, Sylvia E.; de Boer, Ian H.

[TH-PO897] Higher Dialysis Facility Patient-to-Nurse Staffing Ratio Is Associated with Lower Hazard of Kidney Transplantation Among Adolescents and Young Adults
Bicki, Alexandra; McCulloch, Charles E.; Grimes, Barbara A.; Ku, Elaine.

[TH-PO1008] Predictors of Differences in Cystatin C- and Creatinine-Based eGFR
Chen, Debbie; Lu, Kaiwei; Scherzer, Rebecca; Potok, Alison O.; Lees, Jennifer S.; Mark, Patrick; Ix, Joachim; Shlipak, Michael; Estrella, Michelle.

[TH-PO1036] Impact of Obesity on the Associations of Cystatin C-Based eGFR with Clinical Outcomes
Chen, Debbie; Scherzer, Rebecca; Ix, Joachim; Kramer, Holly J.; Crews, Deidra C.; Nadkarni, Girish N.; Gutierrez, Orlando; Ilori, Titilayo O.; Bullen, Alexander L.; Garimella, Pranav, S.; Shlipak, Michael; Estrella, Michelle.

[TH-PO1075] Prognostic Comparisons of Carbamylated Albumin and Homocitrulline-Two Circulating Markers of Protein Carbamylation in CKD
Awwad, Aya; Rhee, Eugene P.; Grams, Morgan; Rincon-Choles; Sondheimer, James H.; He, Jiang; Chen, Jing; Hsu, Chi-yuan; Ramachandran, Vasan S.; Kimmel, Paul L.; Berg, Anders H.; Lash, James P.; Tang, Mengyao; Kalim, Sahir.

[FR-PO029] Integration of CODEX and Brightfield Histology for Cell Type Segmentation and Classification Using Deep Learning
Lucarelli, Nicholas; Winfree, Seth; Sabo, Angela R.; Border, Samuel; Barwinska, Daria; Laszik, Zoltan G.; Eadon, Michael T.; El-Achkar, Tarek M.; Sarder, Pinaki.

[FR-PO114] An Exploratory Needs Assessment for AKI Patient Education: Results from a Focus Group
Murphy, Daniel P.; Kao, Patricia F.; Basu, Rajit K.; Lewington, Andrew J.P.; Levy, Marla; Awdishu, Linda; Cerda, Jorge; Liu, Kathleen D.; Ostermann, Marlies; Tolwani, Ashita J.; Freshly, Bonnie L.; Heung, Michael

[FR-PO120] Initial Outpatient Dialysis Orders in AKI-D vs. ESKD
McCoy, Ian; Weinhandl, Eric D.; Hussein, Wael F.; Hsu, Chi-yuan.

[FR-PO298] Multi-Trait Analysis of Mineral Metabolism Markers Identifies Novel Genetic Associations for FGF23
Robinson-Cohen, Cassianne; Vartanian, Nicholas; Akwo, Elvis Abang; Perwad, Farzana

[FR-PO431] Association of Cognitive Impairment with Subsequent Cardiovascular Disease (CVD) Hospitalization: A Prospective ESKD Cohort Study

Park, Jenny Rose; Estrella, Michelle; Fitzpatrick, Jessica; Jaar, Bernard G; Parekh, Rulan S; Monroy-Trujillo; Sozio, Stephen M.

[FR-PO458] A Qualitative Study Exploring the Role and Responsibilities of the Patient Care Technician in U.S. Dialysis Car

Megan Urbanski; Courtney Hoge; Alexis A. Bender; Jessica Joseph; Kelli Damron; Jennifer Craft Morgan; Bernard Jaar; Laura Plantinga.

[FR-PO501] mTORC2 Coordinates Renal Gluconeogenesis and Glucose Reabsorption

Demko, John; Saha, Bidisha; Takagi, Enzo; Pearce, David.

[FR-PO502] High Potassium Suppresses Glycosuria in Tubule-Specific mTORC2 Knockout Mice

Demko, John; Saha, Bidisha; Takagi, Enzo; Pearce, David.

[FR-PO521] Chloride-Induced Monomer to Dimer Transition Controls WNK1 Scaffold Activity

Saha, Bidisha; Takagi, Enzo; Demko, John; Pearce, David.

[FR-PO550] The Cilia-Enriched Oxysterol 7 β ,27-DHC Is Required for Polycystin Activation

Ha, Kotdaji; Mundt, Nadine; Pinedo, Aide; Loeb, Gabriel; Reiter, Jeremy; Delling, Markus.

[FR-PO929] Circulating Proteins Associated with Mortality in Patients with CKD

Srialluri, Nityasree; Surapaneni, Aditya L.; Schlosser, Pascal; Chen, Teresa; Schmidt, Insa Marie; Rhee, Eugene P.; Coresh, Josef; Grams, Morgan.

[SA-PO372] Pediatric Nephrology Workforce in the United States and Access to Waitlist Registration in Children with ESKD

Accetta Rojas, Gabriela; Mcculloch, Charles E.; Whelan, Adrian; Copeland, Timothy P.; Bicki, Alexandra; Giang, Sophia; Grimes, Barbara A.; Ku, Elaine.

[SA-PO529] Plasma Uromodulin and Cardiovascular Outcomes in Adults with Hypertension and CKD

Ikeme, Jesse; Scherzer, Rebecca; Garimella, Pranav S.; Estrella, Michelle; Ix, Joachim H.; Shlipak, Michael.

[SA-PO578] Metabolites Associated with Mortality in Hemodialysis Patients

Al Awadhi, Solaf; Rhee, Eugene P.; Wulczyn, Kendra E.; Kalim, Sahir; Segev, Dorry L.; McAdams-DeMarco, Mara; Moe, Sharon M.; Moorthi, Ranjani N.; Hostetter, Thomas H.; Himmelfarb, Jonathan; Meyer, Timothy W.; Powe, Neil R.; Tonelli, Marcello; Shafi, Tariq.

[SA-PO749] ADPKD Comorbid Conditions at a PKD-Focused Center

Chao, Allen; Gao, Ying; Etwaru, Diana; Park, Meyeon.

[SA-PO976] Altered Bone Marrow Myelopoiesis Contributes to Glomerular Dysfunction

Spear, Ryan; Jimenez Uribe; Cao, Yanxia; Mangos, Steve; Vincenti, Flavio; Reiser, Jochen; Hahm, Eunsil.